# 西中国地域の後期中生代~古第三紀火山岩類の岩石化学

今 岡 照 喜\*・村 上 允 英\*\*

Petrochemistry of late Mesozoic to early Tertiary vocanic rocks in West Chugoku, Southwest Japan.

Teruyoshi IMAOKA\* and Nobuhide MURAKAMI\*\*

**Abstract** Calc-alkaline volcanic rocks of late Mesozoic to early Tertiary in West Chugoku, Southwest Japan have been petrochemically investigated.

Although they are classified into the Kammon, Shunan, Hikimi, Abu, and Tamagawa Groups from older to younger, they are different only slightly in bulk chemistry, except for the  $K_2O/Na_2O$  ratio which is lower in the Tamagawa Group, and higher in the other groups.

As for the constituent minerals, on the other hand, there are several differences among these groups of volcanic rocks, as mentioned below:

1). The pyroxenes of the Hikimi Group show a fairly broad range of composition from  $Ca_{43}Mg_{33}Fe_{24}$  to  $Ca_{42}Mg_{22}Fe_{36}$  in clinopyroxene and from  $Ca_3Mg_{45}Fe_{53}$  to  $Ca_3Mg_{27}Fe_{70}$  in orthopyroxene, while only a small variation is recognized in the pyroxenes (clinopyroxenes) from other groups.

2). The amphiboles of the Hikimi Group are the most ferrous, belonging mostly to the ferro-hornblende and ferro-edenitic hornblende after Leake's (1968) classification, while those of the Tamagawa Group are magnesio-hornblende.

3). Comparing the Fe/Mg ratio of mafic constituents with that of host rocks, its difference is largest in the Tamagawa Group, and smallest in the Hikimi Group. This fact seems to be connected with the difference of constituent Fe-Ti oxide minerals between the Tamagawa (almost magnetite) and the Hikimi volcanic rocks (almost ilmenite).

These data lead to the conception of different vapor pressure and different oxygen fugacity among five volcanic groups during crystallization of magma, that is, they are lowest in the Hikimi Group, intermediate in the Shunan Group and highest in the Tamagawa Group.

## はじめに

本邦における後期中生代~古第三紀の花崗岩質岩 石は地域別,あるいは広域的に多方面から検討され, 近年著しいデータが蓄積されてきている. 一方ほぼ同時代に活動した火山岩類については主

 広島大学理学部地質学鉱物学教室 Institute of Geology and Mineralogy, Faculty of Science, Hiroshima University, Hiroshima, 730 Japan.
 山口大学教養部地学教室 に火山層序学的側面よりの研究がなされてきている が、それら火山岩類の鉱物学的データは乏しく、わ ずかにKAWADA (1971)によって濃飛流紋岩中よりの ferro-augite, ferro-hypersthene, ferro-hortonolite の報告、原山 (1978*a*, *b*)による笠ヶ岳流紋岩中よ りのferro-edenite~ferro-hornblende, ferro-augiteの報告と濃飛流紋岩中の玄武岩質安山岩よりの、 chromian endiopsideの報告が行なわれているのみ で、中国地方の火山岩類についての研究は皆無に近い、 本論文においては中国地方の広島帯、田万川帯深

Institute of Earth Science, Faculty of Liberal Arts, Yamaguchi University, Yamaguchi, 753 Japan.

成岩類(MURAKAMI, 1974)に伴われる若干の火山 岩類中の鉱物組成と全岩組成の検討結果を報告する。

研究を進めるにあたって、広島大学小島丈児教授 には終始御指導をいただき、また本論文を草するに あたり、御指導・御助言をいただいた。EPMA分析 にあたっては、筆者の一人(今岡)は広島大学技官南 朝生氏に御教示をいただいた。記して感謝の意を表 する。

# 西中国地域の後期中生代~ 古第三紀火山作用の概略

後期中生代~古第三紀火山岩類は近畿地方から中 国地方にかけて広大な分布をしているが、局地的な 研究が多いので、比較的調査・研究の進んでいる中 国西部の火山岩類をとりあげることにする。この地 域の火山岩類はICHIKAWA *et al.* (1968), MURAKAMI (1974)によって総括され、この方から関門層群(下 関亜層群)・周南層群・匹見層群・阿武層群・缶方 前層群に区分される(第1表).

関門層群は時代的には高知世~宮古世にわたる地 層で、下位の脇野亜層群と上位の下関亜層群とより なるが、前者が主として非火山性湖成層よりなるの に対し、後者は主として安山岩質~デイサイト質火 山岩類からなる(村上・長谷、1967)。周南層群は関 門層群を非整合あるいは不整合におおう主として陸 上の火山性堆積岩層で、時代はギリヤーク世前期と 考えられている(村上・長谷,1967)。同層群はさら に禅定寺山累層・物見岳累層・田床山火山岩類の3 累層に大別され、前二累層における火山活動は、 MURAKAMI and MATSUSATO (1970)により3期に 区分された(第1表) 各累層はほぼE-W方向の帯状 分布をし、禅定寺山累層には長楕円状輪廓の陥没体 の存在が推定されている (MURAKAMI and MATSU-SATO, 1970). 匹見層群は最近西野ほか(1974)によ って識別され、そのなかの上部流紋岩層が阿武層群 の下部層に対比されているが、周南層群との時代関

第1表 西中国地域の後期中生代~古第三紀火山岩層の層序

А		Setouchi-Chugoku Mountain Range		San-in Region
Early Tertiar			Tamaga- wa G.	Stage IV: andesite dyke Stage III: rhyodacite pyroclastics Stage II: dacite pyroclastics Stage I: andesite lava
e Cretaceous	<pre>{ Abu G.</pre>	Efune Fm. dacite-rhyolite pyroclastics Maitani Fm. rhyodacite-rhyolite pyroclastics Shinome Fm. dacite-rhyolite pyroclastics	$\begin{bmatrix} \text{Hikimi} & \sum_{G} Abu \\ G. & \begin{cases} G. & \\ \end{bmatrix}$	Fukuga Fm. andesite lava, rhyolite pyroclastics Upper rhyolite Fm. Lower rhyolite Fm. Upper dacite Fm. Lower dacite Fm. Lower most rhyolite Fm.
Lat	Shunan G.	Zenjoji-yama Fm. & Monomidake Fm. Stage <u>m</u> : dacite-rhyodacite pyroclastics Stage I: dacite-rhyolite pyroclastics Stage I: andesite lava & pyroclastics	Shunan G.	Tadoko-yama Fm. andesite lava & rhyolite pyroclastics
Early Cretaceous	Kammon G. akino/Shimono- .G. /seki S.G./	Fukue Fm. basaltic andesite lava a Sujigahama Fm. dacite-rhyolite py Kitahikoshima Fm. andesite lava & Shiohama Fm. volcanic conglomerate sandstone, shale sandstone, shale, conglome	a pyr rocla pyro e con erate	oclastics stics, sandstone, shale clastics, porphyrite, sandstone taining andesitic pebbles,

Data from Nishino & Murakami(1965), Murakami & Hase(1969), Murakami & Nishino(1967) Murakami & Matsusato(1970), Murakami(1973), and Nishino *et al.*(1974).



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係は不明である。下位より最下部流紋岩層・下部石 英安山岩層・中部石英安山岩層・上部石英安山岩層 ・下部流紋岩層・上部流紋岩層の順に重なり,積算 層厚は3000mに達する(通産省,1969;1970;1971). 阿武層群は周南層群を非整合あるいは不整合におお い,中国中部地域の高田流紋岩類(吉田,1961)に 対比され、時代はギリヤーク世後期と考られてい る(村上・長谷,1967).第1図に示すとおり匹見・ 阿武両層群は広島帯の火山岩中もっとも広大な分布 域を占め,全体として流紋岩質~デイサイト質の乾 陸上の火砕流堆積物からなる。堆積盆地はE-W~N E-SWに延びた盆状構造を呈し,陥没性のものと推定 されている。このうち匹見層群はほぼ阿武層群分布 地と田万川層群分布地との境界域に細長くつらなり 総延長は100kmを越える。

田万川層群とそれに対比される火山岩類は,山陰 西部の新第三紀堆積盆地の南方に断続的に分布し, 分布地域の間隔は約20kmに達する。時代は始新世後 期~漸新世と見なされている.模式地における田万 川層群の火山活動は村上(1973)により4期に区分 されている(第1表).これら火山岩類は深成岩類を 密接に伴う.この時期の火成活動の特徴の一つは, これらの火山-深成複合岩体がほとんど円形~楕円 形輪廓の鍋状陥没体を形成していることである.(村 上,1969,1973).

#### 岩石記載

鉱物分析を行なった岩石について簡略に記載する。 採集地を第1図に示す。

# 1. 玄武岩質安山岩·安山岩

関門層群:本層群の安山岩類は一般に変質が著し く、含有鉱物の分析は北彦島層産玄武岩質安山岩溶 岩1箇(C-01),福江層産安山岩溶岩1箇(C-02)の みについて行なった.いずれもintersertal-pilotaxitic 組織で,斑晶として斜長石(An 53-75)・単斜 輝石・磁鉄鉱(チタン鉄鉱のラメラを有する)を含 み、石基は斜長石(An 41-66)・普通輝石・磁鉄鉱、 チタン鉄鉱よりなる.

周南層群:含有鉱物の検討は禅定寺山累層の I 期 安山岩類 (S-02, S-06, S-07, S-74, S-83) および 物見岳累層の安山岩類 (S-04, S-10, S-11, S-12, S-21) について行なわれた.これら安山岩類は斑晶 として斜長石 (An 35-76)・普通輝石・緑色角閃石 ・Fe-Ti酸化鉱物を含み,石基は斜長石 (An 30-45) ・普通輝石・Fe-Ti酸化鉱物よりなる。Fe-Ti 酸化 鉱物はS-06においては他形の磁鉄鉱が多く, チタン 鉄鉱は含まれないが,他のサンプルにおいては,い ずれも半自形~他形のチタン鉄鉱が卓越し,Fe-Ti 酸化鉱物全容量の約90%を占める。鏡下ではpilotaxitic-intersertal組織を呈する。

この他,吉田(1961)により吉蕾安山岩\*とされて いる安山岩溶岩1箇(K-03)についても検討を加え た.この岩石は黒色塊状で斜長石(An 58-78)・普 通輝石・斜方輝石・チタン鉄鉱斑晶を有し,斜方輝 石はバスタイト化作用が著しい.石基は斜長石・普 通輝石・チタン鉄鉱からなり,pilotaxitic 組織を呈 する.

阿武層群:分析を行なった安山岩溶岩1箇(A-10) は阿武層群下部層中のもので,優黒色塊状で自形斜 長石(An 62-87)・普通輝石・他形チタン鉄鉱を有 し,石基は自形斜長石・緑泥石・チタン鉄鉱からな り,pilotaxitic組織を呈する.緑泥石化作用が著し い.

田万川層群及び相当層:分析に供したのは I 期安 山岩とそれに対比される他岩体中の試料(田万川岩 体:T-31, T-33;益田岩体:T-01, T-02;浜田岩体: T-09, T-10, T-11;波佐岩体:T-34)である.大部 分暗黒色塊状で, 自破砕構造を呈するもの(T-02) もある。鏡下ではfelty-pilotaxitic 組織を呈し, 斑 晶として斜長石(An 35-85)・普通輝石・他形磁鉄 鉱および少量のチタン鉄鉱を含む.いずれのサンプ ルにおいても Fe-Ti 酸化鉱物の約90%以上を磁鉄鉱 が占め, この点は周南層群の安山岩類と対照的であ る。一般に磁鉄鉱はヘマタイト化が著しい.チタン ン鉄鉱は磁鉄鉱とgranular intergrowth をするも のもある(T-01)が,大半は単独結晶として含まれる.

2. デイサイト・流紋デイサイト

この組成の岩石は第1表に示すとおり,西中国地 域のいずれの火山岩層にも含まれてくるが,普遍的 に顕著な変質を受けており,匹見・田万川両層群を 除き有色鉱物の検討に適した新鮮な試料を見出すこ とができなかった.

匹見層群:第1表に示すとおり、6層に区分され るが、上位2層を除いて有色鉱物が新鮮に保存され

<sup>\*</sup> 吉舎層群は稲倉層をおおい、高田流紋岩層に不整合におおわれる厚い安山岩を主体とする火山岩層で、この下部は下関亜層群に対比されるが、上部は周南・広峰両層群に対比される可能性が大きい(村上・長谷、1967).

第2表 苦鉄質鉱物の分析を行なった岩石の主化学組成とノルム

| No.   | C-01   
  | C-02   
  | S-02   
   
  | S-04   
  | S-06   
  | S-07   | S-10  | S-11  
   | S-12  | S-21  
  | S-74   | S-83   | K-03   
  | H-01   
   
   
   
   
   
   
   
   
   
  | H-12  | H-15   | H-23  
  | H-47   | H-51   | . H-54   | H-61  
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| SiO,  | 52.53  
  | 56.04  
  | 57.35  
   
  | 58.99  
  | 56.41  
  | 56.66  | 56.14   | 55.87   
   | 60.77   | 56.54   
  | 63.73  | 56.50  | 57.10  
  | 74.20  
   
   
   
   
   
   
   
   
   
  | 69.53   | 68.31  | 66.24   
  | 69.65  | 65.44  | 68.16  | 66.90   
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| TiO.  | 1.17   
  | 0.68   
  | 0.89   
   
  | 0.52   
  | 0.87   
  | 0.82   | 1.21  | 0.88  
   | 0.69  | 0.90  
  | 0.54   | 0.99   | 0.66   
  | 0.20   
   
   
   
   
   
   
   
   
   
  | 0.33  | 0.45   | 0.15  
  | 0.31   | 0.45   | 0.33   | 0.41  
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| A1.0.   | 16.90  
  | 17.63  
  | 17.21  
   
  | 17.39  
  | 17.46  
  | 17.89  | 17.41   | 16.47   
   | 15.74   | 17.33   
  | 15.81  | 17.62  | 16.99  
  | 13.32  
   
   
   
   
   
   
   
   
   
  | 14.84   | 15.21  | 16.26   
  | 14.37  | 16.29  | 15.43  | 15.88   
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| 2 3<br>Fe.0.  | 2.72   
  | 3.49   
  | 1.47   
   
  | 2.61   
  | 3.35   
  | 1.77   | 1.36  | 0.19  
   | 0.96  | 1.39  
  | 2.42   | 1.12   | 0.51   
  | 0.18   
   
   
   
   
   
   
   
   
   
  | 0.30  | 1.69   | 1.14  
  | 0.61   | 1.13   | 0.59   | 0.79  
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| FeO   | 4.49   
  | 3.85   
  | 4.91   
   
  | 3.13   
  | 4.06   
  | 5.01   | 6.37  | 6.30  
   | 5.45  | 5.69  
  | 2.34   | 5.83   | 6.38   
  | 1.84   
   
   
   
   
   
   
   
   
   
  | 2.52  | 3.17   | 3.36  
  | 2.85   | 3.96   | 2.69   | 3.41  
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| MnO   | 0.11   
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  | 0.20   | 0.14  | 0.16  
   | 0.16  | 0.13  
  | 0.10   | 0.20   | 0.17   
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  | 0.09  | 0.08   | 0.08  
  | 0.17   | 0.12   | 0.14   | 0.18  
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| MaQ   | 6.58   
  | 3.65   
  | 3.38   
   
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  | 4.14   | 3.11  | 4.41  
   | 3.20  | 3.07  
  | 2.00   | 2.75   | 3.69   
  | 0.54   
   
   
   
   
   
   
   
   
   
  | 0.43  | 0.96   | 0.94  
  | 0.66   | 1.18   | 0.77   | 1.11  
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| CaO   | 8.42   
  | 7,10   
  | 6.52   
   
  | 5.86   
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  | 7.49   | 7.34  | 7.24  
   | 4.51  | 6.99  
  | 4.50   | 6.20   | 8.01   
  | 1.40   
   
   
   
   
   
   
   
   
   
  | 2.54  | 3.18   | 2.56  
  | 2.16   | 3.04   | 3.73   | 3.61  
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| Na O  | 3.44   
  | 2.86   
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  | 3.41   
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  | 2.86   | 2.47  | 3.22  
   | 3.24  | 2.97  
  | 2.63   | 3.45   | 2.95   
  | 3.77   
   
   
   
   
   
   
   
   
   
  | 3.20  | 3.72   | 4.33  
  | 3.69   | 3.50   | 3.65   | 3.43  
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| K 0   | 1.68   
  | 0.46   
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  | 1.72   | 2.47  | 1.26  
   | 2.87  | 1.78  
  | 3.13   | 1.73   | 1.58   
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  | 4.59  | 3.00   | 3.14  
  | 3.67   | 3.14   | 3.56   | 3.56  
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| H 0+  | 1.69   
  | 3.46   
  | 2.13   
   
  | 1.62   
  | 2.27   
  | 1.13   | 1.20  | 2.97  
   | 2.37  | 2.35  
  | 2.66   | 2.67   | 1.60   
  | 0.51   
   
   
   
   
   
   
   
   
   
  | 0.87  | 0.53   | 0.89  
  | 1.07   | 0.89   | 0.99   | 0.46  
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  | 0.05   | 0.44  | 0.50  
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  | 0.05   | 0.36   | 0.06   
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  | 0.07  | 0.07   | 0.25  
  | 0.31   | 0.21   | 0.11   | 0.08  
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  | 0.06  | 0.09   | 0.18  
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| <sup>2</sup> 2 <sup>5</sup><br>Total  | 99.89  
  | 99.68  
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  | 99.88  | 99.66   | .99.63  
   | 100.30  | 99.50   
  | 100.00   | 99.61  | 99.80  
  | 99.86  
   
   
   
   
   
   
   
   
   
  | 99.37   | 100.46   | 99.52   
  | 99.60  | 99.56  | 100.13   | 99.82   
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  | 9.71   | 9.53  | 7.78  
   | 13.24   | 10.78   
  | 23.37  | 9.54   | 8.91   
  | 32.87  
   
   
   
   
   
   
   
   
   
  | 25.62   | 25.45  | 20.30   
  | 26.69  | 22.70  | 23.01  | 21.66   
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| or  | 9.92   
  | 2.72   
  | 15.13  
   
  | 17.60  
  | 11.29  
  | 10.16  | 14.59   | 7.45  
   | 16.96   | 10.52   
  | 18.49  | 10.22  | 9.33   
  | 22.04  
   
   
   
   
   
   
   
   
   
  | 27.12   | 17.72  | 18.55   
  | 21.68  | 18.55  | 21.03  | 21.03   
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| ab  | 29.09  
  | 24.19  
  | 24.19  
   
  | 28.84  
  | 25.54  
  | 24.19  | 20.89   | 27.23   
   | 27.40   | 25.12   
  | 22.25  | 29.18  | 24.95  
  | 31.89  
   
   
   
   
   
   
   
   
   
  | 27.06   | 31.46  | 36.62   
  | 31.21  | 29.60  | 30.8   | 29.01   
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| an  | 25.72  
  | 33.91  
  | 26.56  
   
  | 23.35  
  | 28.45  
  | 30.90  | 29.13   | 26.77   
   | 19.93   | 28.70   
  | 21.74  | 27.49  | 28.46  
  | 6.83   
   
   
   
   
   
   
   
   
   
  | 12.25   | 15.24  | 11.64   
  | 10.24  | 13.84  | 15.16  | 17.43   
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| -<br>wo   | 6.54   
  | 0.22   
  | 2.41   
   
  | 2.28   
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  | 2.23   | 3.04  | 3.38  
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| Dien  | 4.71   
  | 0.15   
  | 1.31   
   
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  | 1.29   | 1.41  | 1.71  
   | 0.49  | 0.97  
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| fs  | 1.23   
  | 0.05   
  | 1.02   
   
  | 0.65   
  | 0.53   
  | 0.84   | 1.60  | 1.60  
   | 0.51  | 1.03  
  | -  | 0.47   | 2.47   
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| en  | 11.32  
  | 8.94   
  | 7.11   
   
  | 5.14   
  | 8.42   
  | 9.02   | 6.34  | 9.27  
   | 7.48  | 6.67  
  | 4.98   | 6.47   | 7.03   
  | 1.34   
   
   
   
   
   
   
   
   
   
  | 1.07  | 2.39   | 2.34  
  | 1.64   | 2.9  | 1.40   | 2.69  
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| Hy fs   | 2.95   
  | 3.08   
  | 5.53   
   
  | 2.25   
  | 3.02   
  | 5.91   | 7.23  | 8.66  
   | 7.86  | 7.03  
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  | .19 66<br>.65 0<br>.61 15<br>.25 1<br>.53 2<br>.01 0   
  | .25 68<br>.43 0<br>.54 14<br>.21 0<br>.73 3<br>.19 0   
  | .30 68.<br>.38 0.<br>.87 14.<br>.42 0.<br>.47 3.<br>.06 0.   | .52 55<br>.25 0<br>.29 16<br>.52 4<br>.03 3<br>.08 0  | .43 61<br>.77 0<br>.94 17<br>.08 4<br>.56 3<br>.16 0  
   | 26 59<br>0.66 1<br>1.23 15<br>1.41 2<br>0.12 4<br>0.16 0  | .46 61<br>.17 0<br>.99 16<br>.67 2<br>.83 2<br>.11 0  
  | .96 51<br>.59 0<br>.47 16<br>.64 2<br>.83 5<br>.19 0   | .81 56<br>.84 0<br>.29 17<br>.35 0<br>.34 6<br>.14 0   | .17 54<br>.72 0<br>.01 19<br>.45 3<br>.84 3<br>.14 0   
  | .13 71<br>.96 0<br>.83 13<br>.36 1<br>.31 1<br>.22 0   
   
   
   
   
   
   
   
   
   
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  | .83 5<br>.48 .<br>.45 1<br>.18 .<br>.45 .<br>.12 .   | 4.01 5<br>0.84<br>8.31 1<br>3.69<br>2.81<br>0.09   | 8.30 5<br>0.93<br>6.75 1<br>1.90<br>4.90<br>0.21   | 8.23<br>0.85<br>6.52<br>3.71<br>2.90<br>0.11  
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| SiC<br>TiC<br>Al<br>Fe<br>Fe<br>MnC<br>MgC  |  
  | .32         66           .41         0           .67         15           .67         1           .37         3           .06         0           .98         1  
  | .30 67<br>.67 0<br>.71 15<br>.26 1<br>.21 2<br>.08 0<br>.11 0  
   
  | .19 66<br>.65 0<br>.61 15<br>.25 1<br>.53 2<br>.01 0<br>.97 0  
  | .25 68<br>.43 0<br>.54 14<br>.21 0<br>.73 3<br>.19 0<br>.91 0  
  | .30 68.<br>.38 0.<br>.87 14.<br>.42 0.<br>.47 3.<br>.06 0.<br>.97 0.   | .52 55<br>.25 0<br>.29 16<br>.52 4<br>.03 3<br>.08 0<br>.92 3   | .43 61<br>.77 0<br>.94 17<br>.08 4<br>.56 3<br>.16 0<br>.79 1   
   | 26 59<br>0.66 1<br>7.23 15<br>1.41 2<br>3.12 4<br>0.16 0<br>76 2  | .46 61<br>.17 0<br>.99 16<br>.67 2<br>.83 2<br>.11 0<br>.95 2   
  | .96 51<br>.59 0<br>.47 16<br>.64 2<br>.83 5<br>.19 0<br>.66 6  | .81 56<br>.84 0<br>.29 17<br>.35 0<br>.34 6<br>.14 0<br>.72 4  | .17 54<br>.72 0<br>.01 19<br>.45 3<br>.84 3<br>.14 0<br>.47 3  
  | .13 71<br>.96 0<br>.83 13<br>.36 1<br>.31 1<br>.22 0<br>.83 0  
   
   
   
   
   
   
   
   
   
  | .58 66<br>.29 0<br>.32 15<br>.08 2<br>.21 1<br>.09 0<br>.88 1   | .87 71.<br>.12 0.<br>.83 13.<br>.19 1.<br>.59 0.<br>.12 0.<br>.50 0.   | .31 63<br>.24 0<br>.62 17<br>.51 2<br>.48 1<br>.03 0<br>.64 1   
  | .83 5<br>.48<br>.45 1<br>.18<br>.45<br>.12<br>.62  | 4.01 5<br>0.84<br>8.31 1<br>3.69<br>2.81<br>0.09<br>4.28   | 8.30 5<br>0.93<br>6.75 1<br>1.90<br>4.90<br>0.21<br>2.19<br>6.72   | 8.23<br>0.85<br>6.52<br>3.71<br>2.90<br>0.11<br>2.35  
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| SiC<br>TiC<br>Al<br>Fe<br>MnC<br>MgC<br>CaC   |  
  | 32         66           .41         0           .67         15           .67         1           .37         3           .06         0           .98         1           .10         2   
  | .30 67<br>.67 0<br>.71 15<br>.26 1<br>.21 2<br>.08 0<br>.11 0<br>.63 3   
   
  | .19 66<br>.65 0<br>.61 15<br>.25 1<br>.53 2<br>.01 0<br>.97 0<br>.58 4   
  | .25 68<br>.43 0<br>.54 14<br>.21 0<br>.73 3<br>.19 0<br>.91 0<br>.04 1   
  | .30 68.<br>.38 0.<br>.87 14.<br>.42 0.<br>.47 3.<br>.06 0.<br>.97 0.<br>.70 2.   | .52 55<br>.25 0<br>.29 16<br>.52 4<br>.03 3<br>.08 0<br>.92 3<br>.90 5  | .43 61<br>.77 0<br>.94 17<br>.08 4<br>.56 3<br>.16 0<br>.79 1<br>.97 3  
   | 26         59           0.66         1           1.23         15           1.41         2           0.12         4           0.16         0          76         2           0.52         4  | .46 61<br>.17 0<br>.99 16<br>.67 2<br>.83 2<br>.11 0<br>.95 2<br>.74 4  
  | .96 51<br>.59 0<br>.47 16<br>.64 2<br>.83 5<br>.19 0<br>.66 6<br>.91 7   | .81 56<br>.84 0<br>.29 17<br>.35 0<br>.34 6<br>.14 0<br>.72 4<br>.50 5   | .17 54<br>.72 0<br>.01 19<br>.45 3<br>.84 3<br>.14 0<br>.47 3<br>.77 8   
  | .13       71         .96       0         .83       13         .36       1         .31       1         .22       0         .83       0         .92       2  
   
   
   
   
   
   
   
   
   
  | .58 66<br>.29 0<br>.32 15<br>.08 2<br>.21 1<br>.09 0<br>.88 1<br>.47 3  | .87 71.<br>.12 0.<br>.83 13.<br>.19 1.<br>.59 0.<br>.12 0.<br>.50 0.<br>.53 1.   | .31 63<br>.24 0<br>.62 17<br>.51 2<br>.48 1<br>.03 0<br>.64 1<br>.80 3  
  | .83 5<br>.48<br>.45 1<br>.18<br>.45<br>.12<br>.62<br>.63   | 4.01 5<br>0.84<br>8.31 1<br>3.69<br>2.81<br>0.09<br>4.28<br>7.07   | 8.30 5<br>0.93<br>6.75 1<br>1.90<br>4.90<br>0.21<br>2.19<br>6.72   | 8.23<br>0.85<br>6.52<br>3.71<br>2.90<br>0.11<br>2.35<br>3.73  
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| SiC<br>TiC<br>Al<br>Fe<br>Fe<br>MnC<br>CaC<br>Na  |  
  | 2.32         66           41         0           5.67         15           5.67         1           4.37         3           5.06         0           9.8         1           5.10         2           5.56         3  
  | .30 67<br>.67 0<br>.71 15<br>.26 1<br>.21 2<br>.08 0<br>.11 0<br>.63 3<br>.72 3  
   
  | .19 66<br>.65 0<br>.61 15<br>.25 1<br>.53 2<br>.01 0<br>.97 0<br>.58 4<br>.71 3  
  | .25 68<br>.43 0<br>.54 14<br>.21 0<br>.73 3<br>.19 0<br>.91 0<br>.04 1<br>.47 4  
  | .30 68.<br>.38 0.<br>.87 14.<br>.42 0.<br>.47 3.<br>.06 0.<br>.97 0.<br>.70 2.<br>.07 3.   | .52 55<br>.25 0<br>.29 16<br>.52 4<br>.03 3<br>.08 0<br>.92 3<br>.90 5<br>.57 4   | .43 61<br>.77 0<br>.94 17<br>.08 4<br>.56 3<br>.16 0<br>.79 1<br>.97 3<br>.25 4   
   | 26         59           0.66         1           7.23         15           1.41         2           0.16         0           0.16         0          76         2           0.52         4           1.73         3   | .46 61<br>.17 0<br>.99 16<br>.67 2<br>.83 2<br>.11 0<br>.95 2<br>.74 4<br>.16 3   
  | .96 51.<br>.59 0<br>.47 16<br>.64 2<br>.83 5<br>.19 0<br>.66 6<br>.91 7<br>.15 4   | .81 56<br>.84 0<br>.29 17<br>.35 0<br>.34 6<br>.14 0<br>.72 4<br>.50 5<br>.56 3  | .17 54<br>.72 0<br>.01 19<br>.45 3<br>.84 3<br>.14 0<br>.47 3<br>.77 8<br>.52 3  
  | .13 71<br>.96 0<br>.83 13<br>.36 1<br>.31 1<br>.22 0<br>.83 0<br>.92 2<br>.43 4  
   
   
   
   
   
   
   
   
   
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  | .83 5<br>.48 .<br>.45 1<br>.18 .<br>.45 .<br>.12 .<br>.62 .<br>.63 .<br>.51 .  | 4.01 5<br>0.84<br>8.31 1<br>3.69<br>2.81<br>0.09<br>4.28<br>7.07<br>4.29   | 8.30 5<br>0.93<br>6.75 1<br>1.90<br>4.90<br>0.21<br>2.19<br>6.72<br>4.14   | 8.23<br>0.85<br>6.52<br>3.71<br>2.90<br>0.11<br>2.35<br>3.73<br>4.72  
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| SiC<br>TiC<br>Al<br>Fe<br>Fe<br>MnC<br>CaC<br>Na<br>K2C   |  
  | 2.32         66           41         0           6.67         15           6.67         1           3.37         3           0.06         0           9.8         1           0.10         2           0.56         3           0.36         2   
  | .30         67         0           .67         0         15           .26         1         2           .08         0         11           .63         3         3           .72         3         .95         2   
   
  | .19         66           .65         0           .61         15           .25         1           .53         2           .01         0           .97         0           .58         4           .71         3           .95         3  
  | .25 68<br>.43 0<br>.54 14<br>.21 0<br>.73 3<br>.19 0<br>.91 0<br>.04 1<br>.47 4<br>.74 3   
  | .30 68.<br>.38 0.<br>.87 14.<br>.42 0.<br>.47 3.<br>.06 0.<br>.97 0.<br>.70 2.<br>.07 3.<br>.78 3.   | .52         55           .25         0           .29         16           .52         4           .03         3           .08         0           .92         3           .90         5           .57         4           .57         4   | .43 61<br>.77 0<br>.94 17<br>.08 4<br>.56 3<br>.16 0<br>.79 1<br>.97 3<br>.25 4<br>.10 3  
   | 26         59           0.66         1           7.23         15           1.41         2           3.12         4           0.16         0          76         2           3.52         4           1.73         3          21         0   | .46         61           .17         0           .99         16           .67         2           .83         2           .11         0           .95         2           .74         4           .16         3           .81         0   
  | .96         51           .59         0           .47         16           .64         2           .83         5           .19         0           .66         6           .91         7           .15         4           .95         0  | .81         56           .84         0           .29         17           .35         0           .34         6           .14         0           .72         4           .50         5           .56         3           .94         1  | .17         54           .72         0           .01         19           .45         3           .84         3           .14         0           .47         3           .77         8           .52         3           .48         0  
  | .13       71         .96       0         .83       13         .36       1         .31       1         .22       0         .83       0         .92       2         .43       4         .57       2  
   
   
   
   
   
   
   
   
   
  | .58       66         .29       0         .32       15         .08       2         .21       1         .09       0         .88       1         .47       3         .08       2         .47       3         .08       2         .49       1   | .87 71.<br>.12 0.<br>.83 13.<br>.19 1.<br>.59 0.<br>.12 0.<br>.50 0.<br>.53 1.<br>.99 4.<br>.55 3.   | .31       63         .24       0         .62       17         .51       2         .48       1         .03       0         .64       1         .80       3         .22       3         .05       2   
  | .83 5<br>.48 .<br>.45 1:<br>.18 .<br>.45 .<br>.12 .<br>.62 .<br>.63 .<br>.51 .<br>.84  | 4.01 5<br>0.84<br>8.31 1<br>3.69<br>2.81<br>0.09<br>4.28<br>7.07<br>4.29<br>1.59   | 8.30 5<br>0.93<br>6.75 1<br>1.90<br>4.90<br>0.21<br>2.19<br>6.72<br>4.14<br>1.36   | 8.23<br>0.85<br>6.52<br>3.71<br>2.90<br>0.11<br>2.35<br>3.73<br>4.72<br>1.53  
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| SiQ<br>TiQ<br>Fe<br>Fe<br>MnQ<br>CaQ<br>Na<br>K <sub>2</sub> Q<br>H <sub>2</sub> Q  |  
  | 2.32         66           41         0           67         15           67         15           67         1           3.37         3           0.06         0           9.98         1           3.10         2           5.56         3           3.36         2           3.36         2           3.36         2  
  | .30 67<br>.67 0<br>.71 15<br>.26 1<br>.21 2<br>.08 0<br>.11 0<br>.63 3<br>.72 3<br>.95 2<br>.58 1  
   
  | .19       66         .65       0         .61       15         .25       1         .53       2         .01       0         .97       0         .58       4         .71       .3         .95       3         .02       0   
  | .25         68           .43         0           .54         14           .21         0           .73         3           .19         0           .91         0           .04         1           .47         4           .74         3           .82         1  
  | .30 68.<br>.38 0.<br>.87 14.<br>.42 0.<br>.47 3.<br>.06 0.<br>.97 0.<br>.70 2.<br>.07 3.<br>.78 3.<br>.28 1.   | .52         55           .25         0           .29         16           .52         4           .03         3           .08         0           .92         3           .90         5           .57         4           .54         1           .62         2   | .43 61<br>.77 0<br>.94 17<br>.08 4<br>.56 3<br>.16 0<br>.79 1<br>.97 3<br>.25 4<br>.10 3<br>.70 0   
   | 26         59           0.66         1           1.23         15           1.41         2           0.16         0          76         2           0.52         4           1.73         3          21         0           0.94         3   | .46 61<br>.17 0<br>.99 16<br>.67 2<br>.83 2<br>.11 0<br>.95 2<br>.74 4<br>.16 3<br>.81 0<br>.14 3   
  | .96         51           .59         0           .47         16           .64         2           .83         5           .19         0           .66         6           .91         7           .15         4           .95         0           .63         2  | .81         56           .84         0           .29         17           .35         0           .34         6           .14         0           .72         4           .50         5           .56         3           .94         1           .49         3  | .17 54<br>.72 0<br>.01 19<br>.45 3<br>.84 3<br>.14 0<br>.47 3<br>.77 8<br>.52 3<br>.48 0<br>.20 1  
  | .13 71<br>.96 0<br>.83 13<br>.36 1<br>.31 1<br>.22 0<br>.83 0<br>.92 2<br>.43 4<br>.57 2<br>.16 2  
   
   
   
   
   
   
   
   
   
  | .58         66           .29         0           .32         15           .08         2           .21         1           .09         0           .88         1           .47         3           .08         2           .49         1           .29         2   | .87 71.<br>.12 0.<br>.83 13.<br>.19 1.<br>.59 0.<br>.12 0.<br>.50 0.<br>.53 1.<br>.99 4.<br>.55 3.<br>.35 2.   | .31         63           .24         0           .62         17           .51         2           .48         1           .03         0           .64         1           .80         3           .22         3           .05         2           .06         2   
  | .83 5<br>.48 .<br>.45 1<br>.18 .<br>.45 .<br>.12 .<br>.62 .<br>.63 .<br>.51 .<br>.84 .<br>.36 .  | 4.01 5<br>0.84<br>8.31 1<br>3.69<br>2.81<br>0.09<br>4.28<br>7.07<br>4.29<br>1.59<br>2.02   | 8.30 5<br>0.93<br>6.75 1<br>1.90<br>4.90<br>0.21<br>2.19<br>6.72<br>4.14<br>1.36<br>1.39   | 8.23<br>0.85<br>6.52<br>3.71<br>2.90<br>0.11<br>2.35<br>3.73<br>4.72<br>1.53<br>3.28  
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| Sic<br>Tic<br>Al<br>Fe<br>MnC<br>Cac<br>Na<br>K <sub>2</sub> C<br>H <sub>2</sub> C  | $\begin{array}{cccc} & & & & & & \\ & & & & & \\ & & & \\ & & & & \\ & & & \\ & & & & \\ & & & \\ & & & & \\ $  
  |  
  | .30         67         0           .67         0         .71         15           .26         1         .21         2           .08         0         .11         0           .63         3         .72         3           .95         2         .58         1           .23         0         .23         0  
   
  | .19         66           .65         0           .61         15           .25         1           .53         2           .01         0           .97         0           .58         4           .71         .3           .95         3           .02         0           .42         0   
  | .25 68<br>.43 0<br>.54 14<br>.21 0<br>.73 3<br>.19 0<br>.91 0<br>.04 1<br>.47 4<br>.74 3<br>.82 1<br>.09 0   
  | .30         68.           .38         0.           .87         14.           .42         0.           .47         3.           .06         0.           .97         0.           .70         2.           .07         3.           .28         1.           .20         0.   | .52       55         .25       0         .29       16         .52       4         .03       3         .08       0         .92       3         .90       5         .57       4         .57       4         .54       1         .62       2         .08       0   | .43 61<br>.77 0<br>.94 17<br>.08 4<br>.56 3<br>.16 0<br>.79 1<br>.97 3<br>.25 4<br>.10 1<br>.70 0<br>.66 0  
   | 26         59           0.66         1           7.23         15           4.41         2           3.12         4           0.16         0          76         2           3.52         4           1.73         3          21         0           0.994         3           0.33         0  | .46 61<br>.17 0<br>.99 16<br>.67 2<br>.83 2<br>.11 0<br>.95 2<br>.74 4<br>.16 3<br>.81 0<br>.14 3<br>.57 0  
  | .96         51.           .59         0.           .47         16.           .64         2.           .83         5.           .19         0.           .66         6.           .91         7.           .15         4.           .95         0.           .63         2.           .58         0.  | .81         56           .84         0           .29         17           .35         0           .34         6           .14         0           .72         4           .50         5           .56         3           .94         1           .49         3           .41         0  | .17         54           .72         0           .01         19           .45         3           .84         3           .14         0           .47         3           .77         8           .52         3           .48         0           .20         1           .24         0  
  | .13       71         .96       0         .83       13         .36       1         .31       1         .22       0         .83       0         .92       2         .43       4         .57       2         .16       2         .12       0  
   
   
   
   
   
   
   
   
   
  | .58         66           .29         0           .32         15           .08         2           .21         1           .09         0           .88         1           .47         3           .08         2           .47         3           .08         2           .47         3           .08         2           .47         3           .08         2           .47         3           .08         2           .47         3           .08         2           .47         3           .29         2           .17         1   | .87 71.<br>.12 0.<br>.83 13.<br>.19 1.<br>.59 0.<br>.12 0.<br>.50 0.<br>.53 1.<br>.99 4.<br>.55 3.<br>.35 2.<br>.16 0.   | .31         63           .24         0           .62         17           .51         2           .48         1           .03         0           .64         1           .80         3           .22         3           .05         2           .06         2           .06         2           .05         2   
  | .83 5<br>.48 .<br>.45 1<br>.18 .<br>.45 .<br>.12 .<br>.62 .<br>.63 .<br>.51 .<br>.84 .<br>.36 .<br>.02 .   | 4.01 5<br>0.84<br>8.31 1<br>3.69<br>2.81<br>0.09<br>4.28<br>7.07<br>4.29<br>1.59<br>2.02<br>0.29   | 8.30 5<br>0.93<br>6.75 1<br>1.90<br>4.90<br>0.21<br>2.19<br>6.72<br>4.14<br>1.36<br>1.39<br>0.68   | 8.23<br>0.85<br>6.52<br>3.71<br>2.90<br>0.11<br>2.35<br>3.73<br>4.72<br>1.53<br>3.28<br>1.27  
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| Sic<br>Tic<br>Al<br>Fe<br>Cac<br>Cac<br>Na<br>K $_2$<br>H $_2$<br>P $_2$  | $\begin{array}{cccccccccccccccccccccccccccccccccccc$   
  |  
  | .30         67           .67         0           .71         15           .26         1           .21         2           .08         0           .11         0           .63         3           .72         3           .95         2           .58         1           .23         0           .04         0  
   
  | .19       66         .65       0         .61       15         .25       1         .53       2         .01       0         .97       0         .58       4         .71       .3         .95       3         .02       0         .42       0         .21       n   
  | .25         68           .43         0           .54         14           .21         0           .73         3           .19         0           .91         0           .94         1           .47         4           .74         3           .82         1           .09         0           .d.         09           .d.         0   
  | .30         68.           .38         0.           .87         14.           .42         0.           .47         3.           .06         0.           .97         0.           .70         2.           .07         3.           .28         1.           .20         0.           .07         0.           .07         0.   | .52         .55           .25         .0           .29         16           .52         4           .03         3           .08         0           .92         3           .90         .5           .57         4           .54         1           .62         2           .08         0           .10         0  | .43 61<br>.77 0<br>.94 17<br>.08 4<br>.56 3<br>.16 0<br>.79 1<br>.97 3<br>.25 4<br>.10 1<br>.70 0<br>.66 0<br>.06 0   
   | 26         59           0.66         1           7.23         15           1.41         2           3.12         4           0.16         0          76         2           3.52         4           1.73         3          21         0           9.94         3           0.33         0           0.90         0  | .46 61<br>.17 0<br>.99 16<br>.67 2<br>.83 2<br>.11 0<br>.95 2<br>.74 4<br>.16 3<br>.81 0<br>.14. 3<br>.57 0<br>.24 n  
  | .96         51.           .59         0.           .47         16.           .64         2.           .83         5.           .19         0.           .66         6.           .91         7.           .15         4.           .95         0.           .63         2.           .58         0.           .d.         0.   | 81         56           84         0           29         17           35         0           34         6           14         0           72         4           50         5           56         3           94         1           49         3           41         0           25         0   | .17 54<br>.72 0<br>.01 19<br>.45 3<br>.84 3<br>.14 0<br>.47 3<br>.77 8<br>.52 3<br>.48 0<br>.20 1<br>.24 0<br>.08 n  
  | .13 71<br>.96 0<br>.83 13<br>.36 1<br>.31 1<br>.22 0<br>.83 0<br>.92 2<br>.43 4<br>.57 2<br>.16 2<br>.12 0<br>.d. 0  
   
   
   
   
   
   
   
   
   
  | .58         66           .29         0           .32         15           .08         2           .21         1           .09         0           .88         1           .47         3           .08         2           .47         3           .08         2           .47         3           .08         2           .47         3           .08         2           .47         3           .08         2           .47         3           .08         2           .47         3           .08         2           .49         1           .29         2           .17         1           .06         0   | .87         71.           .12         0.           .83         13.           .19         1.           .59         0.           .12         0.           .50         0.           .53         1.           .99         4.           .55         3.           .35         2.           .16         0.           .11         0.   | .31         63           .24         0           .62         17           .51         2           .48         1           .03         0           .64         1           .80         3           .22         3           .05         2           .06         2           .05         7           .05         n           .05         n   
  | .83 5<br>.48 .<br>.45 1<br>.18 .<br>.45 .<br>.12 .<br>.62 .<br>.63 .<br>.51 .<br>.84 .<br>.36 .<br>.02 .<br>.4   | 4.01 5<br>0.84<br>8.31 1<br>3.69<br>2.81<br>0.09<br>4.28<br>7.07<br>4.29<br>1.59<br>2.02<br>0.29<br>0.25<br>0.64 8   | 8.30 5<br>0.93<br>6.75 1<br>1.90<br>4.90<br>0.21<br>2.19<br>6.72<br>4.14<br>1.36<br>1.39<br>0.68<br>0.26   | 8.23<br>0.85<br>6.52<br>3.71<br>2.90<br>0.11<br>2.35<br>3.73<br>4.72<br>1.53<br>3.28<br>1.27<br>0.21<br>9.41  
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| SiC<br>Ti<br>Al<br>Fe<br>Fe<br>Caa<br>Na<br>K<br>2<br>C<br>4<br>2<br>C<br>To<br>1   | $\begin{array}{cccccccccccccccccccccccccccccccccccc$   
  |  
  | .30         67         0           .67         0         .71         15           .26         1         .21         2         .08         0           .11         0         .63         .3         .72         .3           .95         2         .58         1         .23         0           .04         0         .49         100  
   
  | .19       66         .65       0         .61       15         .25       1         .53       2         .01       0         .97       0         .58       4         .71       3         .95       3         .02       0         .42       0         .21       n         .10       99   
  | .25         68           .43         0           .54         14           .21         0           .73         3           .19         0           .91         0           .91         1           .04         1           .47         4           .82         1           .09         0           .dd.         0           .47         4   
  | .30         68.           .38         0.           .87         14.           .42         0.           .47         3.           .06         0.           .97         0.           .70         2.           .07         3.           .28         1.           .20         0.           .07         0.           .57         99.  | .52         55           .25         0           .29         16           .52         4           .03         3           .08         0           .92         3           .90         5           .57         4           .54         1           .62         2           .08         0           .10         0           .42         99  | .43 61<br>.77 0<br>.94 17<br>.08 4<br>.56 3<br>.16 0<br>.79 1<br>.97 3<br>.25 4<br>.10 3<br>.70 0<br>.66 0<br>.06 0<br>.47 95   
   | 26         59           0.66         1           7.23         15           1.41         2           3.12         4           0.16         0          76         2           3.52         4          73         3           0.33         0           0.94         33           0.09         0           0.42         99  | .46 61<br>.17 0<br>.99 16<br>.67 2<br>.83 2<br>.11 0<br>.95 2<br>.74 4<br>.16 3<br>.81 0<br>.14 3<br>.57 0<br>.24 n<br>.84 100  
  | .96         51           .59         0           .47         16           .64         2           .83         5           .19         0           .66         6           .91         7           .15         4           .95         0           .63         2           .58         0           .d.         0           .56         99   | .81         56           .84         0           .29         17           .35         0           .34         6           .14         0           .72         4           .50         5           .56         3           .94         1           .49         3           .41         0           .25         0           .64         100  | .17       54         .72       0         .01       19         .45       3         .84       3         .14       0         .47       3         .77       8         .52       3         .48       0         .20       1         .24       0         .08       n         .09       99   
  | .13       71         .96       0         .83       13         .36       1         .31       1         .22       0         .83       0         .92       2         .43       4         .57       2         .16       2         .12       0         .d.       0         .84       100  
   
   
   
   
   
   
   
   
   
  | .58         66           .29         0           .32         15           .08         2           .21         1           .09         0           .88         1           .47         .3           .08         2           .47         .3           .08         2           .47         .3           .08         2           .47         .3           .08         2           .47         .3           .08         2           .47         .3           .08         0           .29         2           .17         1           .06         0           .01         99  | .87         71.           .12         0.           .83         13.           .19         1.           .59         0.           .50         0.           .53         1.           .99         4.           .55         3.           .35         2.           .16         0.           .11         0.           .91         99   | .31         63           .24         0           .62         17           .51         2           .48         1           .03         0           .64         1           .80         3           .22         3           .05         2           .06         2           .57         1           .05         n           .58         100   
  | .83 5.<br>.48 4.<br>.45 11<br>.18  | 4.01 5<br>0.84<br>8.31 1<br>3.69<br>2.81<br>0.09<br>4.28<br>7.07<br>4.29<br>1.59<br>2.02<br>0.29<br>0.25<br>9.54 9<br>2.27   | 8.30       5         0.93       6.75       1         1.90       4.90       0.21         2.19       6.72       4.14         1.36       1.39       0.68         0.26       9.73       9  | 8.23<br>0.85<br>6.52<br>3.71<br>2.90<br>0.11<br>2.35<br>3.73<br>4.72<br>1.53<br>3.28<br>1.27<br>0.21<br>9.41  
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| SiC<br>TiC<br>Al<br>Fe<br>Fe<br>MnC<br>CaC<br>CaC<br>Na<br>K2<br>H2<br>C<br>TC<br>TC<br>TC<br>TC<br>TC<br>TC<br>TC<br>TC<br>TC<br>TC<br>TC<br>TC<br>T   | $\begin{array}{cccccccccccccccccccccccccccccccccccc$   
  |  
  | .30         67           .67         0           .71         15           .26         1           .21         2           .08         0           .11         0           .63         3           .72         3           .95         2           .58         1           .23         0           .04         0           .44         24   
   
  | .19       66         .65       0         .61       15         .25       1         .53       2         .01       0         .97       0         .58       4         .71       3         .95       3         .02       0         .42       0         .21       n         .10       99         .59       21  
  | .25 68<br>.43 0<br>.54 14<br>.21 0<br>.73 3<br>.19 0<br>.91 0<br>.04 1<br>.47 4<br>.74 3<br>.82 1<br>.09 0<br>.47 4<br>.47   
   | .30         68.           .38         0.           .87         14.           .42         0.           .47         3.           .06         0.           .97         0.           .70         2.           .07         3.           .28         1.           .20         0.           .07         0.           .78         3.           .28         1.           .20         0.           .07         0.           .57         99.           .78         24.           .78         24.  | .52         55           .25         0           .29         16           .52         4           .03         3           .08         0           .92         3           .90         5           .57         4           .54         1           .62         2           .08         0           .10         0           .42         99           .97         8  | .43 61<br>.77 0<br>.94 17<br>.08 4<br>.56 3<br>.16 0<br>.79 1<br>.97 3<br>.25 4<br>.10 1<br>.70 0<br>.66 0<br>.06 0<br>.06 0<br>.47 95  | 26         59           0.66         1           7.23         15           1.41         2           3.12         4           0.16         0          76         2           321         0           0.94         3           0.33         0           0.99         0           0.42         99           363         21  
  | .46 61<br>.17 0<br>.99 16<br>.67 2<br>.83 2<br>.11 0<br>.95 2<br>.74 4<br>.16 3<br>.81 0<br>.14 3<br>.57 0<br>.24 n<br>.84 100   
   | .96         51           .59         0           .47         16           .64         2           .83         5           .19         0           .66         6           .91         7           .15         4           .95         0           .63         2           .58         0           .4.         0           .56         99           .45         -   | .81         56           .84         0           .29         17           .35         0           .34         6           .14         0           .72         4           .50         5           .56         3           .94         1           .49         3           .41         0           .25         0           .64         100  | .17 54<br>.72 0<br>.01 19<br>.45 3<br>.84 3<br>.14 0<br>.47 3<br>.77 8<br>.52 3<br>.48 0<br>.20 1<br>.24 0<br>.08 n<br>.09 99   
   | .13       71         .96       0         .83       13         .36       1         .31       1         .22       0         .83       0         .92       2         .43       4         .57       2         .16       2         .12       0         .84       100         .79       31  
   
   
   
   
   
   
   
   
   
   | .58         66           .29         0           .32         15           .08         2           .21         1           .09         0           .88         1           .47         .3           .08         2           .47         .3           .08         2           .47         1           .08         0           .49         1           .29         2           .17         1           .06         0           .01         99           .69         .33  | .87 71.<br>.12 0.<br>.83 13.<br>.19 1.<br>.59 0.<br>.12 0.<br>.50 0.<br>.53 1.<br>.99 4.<br>.55 3.<br>.35 2.<br>.16 0.<br>.11 0.<br>.91 99.  | 31         63           24         0           .62         17           .51         2           .48         1           .03         0           .64         1           .80         3           .22         3           .05         2           .06         2           .05         1           .05         1           .05         1           .05         1           .05         1           .05         1           .05         1           .05         1           .05         1           .05         1           .05         1           .05         1           .05         1           .05         1           .05         1           .05         2           .44         22   | .83 5<br>.48 4<br>.45 1<br>.18 .45 .12 .62 .63 .51 .84 .36 .02 .449 9 .24 .24  | 4.01 5<br>0.84<br>8.31 1<br>3.69<br>2.81<br>0.09<br>4.28<br>7.07<br>4.29<br>1.59<br>2.02<br>0.29<br>0.25<br>9.54 9<br>3.37 1   
   | 8.30       5         0.93       6.75       1         1.90       4.90       0.21         2.19       6.72       4.14         1.36       1.39       0.68         0.26       9.73       9         1.08       1       1.08  | 8.23<br>0.85<br>6.52<br>3.71<br>2.90<br>0.11<br>2.35<br>3.73<br>4.72<br>1.53<br>3.28<br>1.27<br>0.21<br>9.41<br>3.55<br>0.01  |   |  |   
   
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| sic<br>Ti<br>Fe<br>Fe<br>MgC<br>CaC<br>Na<br>K $_2$<br>H $_2$<br>Fe<br>To<br>To   | D2         67           D2         0           D2         0           D2         0           D3         0           D4         0           D5         0           D5         0           D5         0           D6         0           D6         0           D7         3           D8         0           D6         0           D6         0           D7         0           D7         0           D8         0           D8         0           D8         0           D9         0           D2         23           D3         0           D3         0           D8         0           D9         0           D3         0           D3         0           D4         0           D5         0           D3         0           D4         0           D5         0           D3         0           D4         0   
  |  
  | .30         67           .67         0           .71         15           .26         1           .21         2           .08         0           .11         0           .63         3           .72         3           .95         2           .58         1           .23         0           .04         0           .49         100           .44         24           .43         17  
   
  | .19       66         .65       0         .61       15         .25       1         .53       2         .01       0         .97       0         .58       4         .71       .3         .95       3         .02       0         .42       0         .21       n         .10       99         .59       21         .43       22  
  | .25         68           .43         0           .54         14           .21         0           .73         3           .19         0           .04         1           .47         4           .74         3           .82         1           .09         0           .d.         0           .d.         0           .42         99           .01         22           .09         22   
  | .30         68.           .38         0.           .87         14.           .42         0.           .47         3.           .06         0.           .97         0.           .70         2.           .07         3.           .78         3.           .28         1.           .20         0.           .07         0.           .57         99.           .78         24.           .33         20.   | .52         .55           .25         0           .29         16           .52         4           .03         3           .08         0           .92         3           .90         5           .57         4           .54         1           .62         2           .08         0           .10         0           .42         99           .97         8           .91         6   | .43 61<br>.77 0<br>.94 17<br>.08 4<br>.56 3<br>.16 0<br>.79 1<br>.97 3<br>.25 4<br>.10 3<br>.70 0<br>.66 0<br>.06 0<br>.06 0<br>.47 95<br>.40 18<br>.50 7   
   | 26         59           0.66         1           7.23         15          41         2           3.12         4           0.16         0          76         2           321         0           033         0           033         0           042         99           342         29           342         29           342         4   | .46 61<br>.17 0<br>.99 16<br>.67 2<br>.83 2<br>.11 0<br>.95 2<br>.74 4<br>.16 3<br>.81 0<br>.14 3<br>.57 0<br>.24 n<br>.84 100<br>.87 24<br>.79 5   
  | .96         51           .59         0           .47         16           .64         2           .83         5           .19         0           .66         6           .91         7           .15         4           .95         0           .63         2           .58         0           .d.         0           .56         99           .45         -           .61         5   | 81         56           84         0           29         17           .35         0           .34         6           14         0           .72         4           .50         5           .56         3           .94         1           .49         3           .41         0           .25         0           .64         100           -         6           .55         8  | .17         54           .72         0           .01         19           .45         3           .84         3           .14         0           .47         3           .77         8           .52         3           .48         0           .20         1           .24         0           .08         m           .09         99           .53         7           .74         3   
  | .13       71         .96       0         .83       13         .36       1         .31       1         .22       0         .83       0         .92       2         .43       4         .57       2         .16       2         .12       0         .6.       0         .84       100         .79       31         .37       14  
   
   
   
   
   
   
   
   
   
  | .58         66           .29         0           .32         15           .08         2           .21         1           .09         0           .88         1           .47         .3           .08         2           .17         1           .06         0           .01         99           .69         33           .71         9  | .87         71.           .12         0.           .83         13.           .19         1.           .59         0.           .12         0.           .53         1.           .99         4.           .55         3.           .35         2.           .16         0.           .11         0.           .91         99           .52         30.           .15         18.   | 31         63           24         0           .62         17           .51         2           .48         1           .03         0           .64         1           .80         3           .22         3           .05         2           .05         2           .05         n           .57         1           .05         n           .58         100           .44         22           .02         16   
  | .83 5<br>.48<br>.45 1<br>.18<br>.45<br>.12<br>.62<br>.63<br>.51<br>.84<br>.36<br>.02<br>.d.<br>.49 9<br>.24<br>.78   | 4.01 5<br>0.84<br>8.31 1<br>3.69<br>2.81<br>0.09<br>4.28<br>7.07<br>4.29<br>1.59<br>2.02<br>0.29<br>0.25<br>9.54 9<br>3.37 1<br>9.39   | 8.30       5         0.93       6.75       1         1.90       4.90       0.21         2.19       6.72       4.14         1.36       1.39       0.68         0.26       9.73       9         1.08       1       8.04  | 8.23<br>0.85<br>6.52<br>3.71<br>2.90<br>0.11<br>2.35<br>3.73<br>4.72<br>1.53<br>3.28<br>1.27<br>0.21<br>9.41<br>3.55<br>9.04  
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| SiC<br>Ti<br>Al,<br>Fe<br>Ma<br>Ca<br>Ca<br>Ca<br>Ca<br>Ca<br>Ca<br>Ca<br>Ca<br>Ca<br>Ca<br>Ca<br>Ta<br>Ta<br>Ta  | D2         67           D2         0           Q03         15           Q03         15           Q03         0           D3         0           D4         0           D5         3           D6         3           D7         0           D8         3           D9         0           D5         0           D6         0           D7         0           D8         0           D9         23           D0         0           D7         0           D8         0           D9         24           D0         0           D0         0 <t< td=""><td></td><td>.30         67           .67         0           .71         15           .26         1           .21         2           .08         0           .11         0           .63         3           .72         3           .95         2           .58         1           .23         0           .04         0           .49         100           .44         24           .43         17           .46         31</td><td>.19       66         .65       0         .61       15         .25       1         .53       2         .01       0         .97       0         .97       3         .95       3         .02       0         .42       0         .21       n         .10       99         .59       21         .43       22         .38       29</td><td>.25         68           .43         0           .54         14           .21         0           .73         3           .19         0           .91         0           .91         0           .94         1           .47         4           .78         3           .82         1           .09         0           .47         4           .09         0           .47         9           .01         22           .09         22           .35         34</td><td>.30         68.           .38         0.           .87         14.           .42         0.           .47         3.           .06         0.           .97         0.           .70         2.           .07         3.           .28         1.           .20         0.           .07         0.           .57         99.           .78         24.           .33         20.           .42         30.</td><td>.52         .55           .25         .0           .29         .16           .52         .4           .03         .3           .08         .0           .90         .5           .57         .4           .54         1           .62         .2           .08         0           .10         0           .42         .99           .97         8           .91         .6           .91         .5</td><td>.43 61<br/>.77 0<br/>.94 17<br/>.08 4<br/>.56 3<br/>.16 0<br/>.79 1<br/>.97 1<br/>.97 2<br/>.25 4<br/>.10 3<br/>.70 0<br/>.66 0<br/>.06 0<br/>.47 95<br/>.40 16<br/>.50 7<br/>.95 40</td><td>26         59           0.66         1          23         15          12         4          16         0          76         2          21         0          76         2          21         0          21         0          21         0          23         0.94          33         0           0.94         39           333         0           042         99           363         21           715         4           0.00         26</td><td>.46 61<br/>.17 0<br/>.99 16<br/>.67 2<br/>.83 2<br/>.11 0<br/>.95 2<br/>.74 4<br/>.16 3<br/>.81 0<br/>.14 3<br/>.57 0<br/>.24 n<br/>.84 100<br/>.87 24<br/>.79 5<br/>.73 26</td><td>.96         51           .59         0           .47         16           .64         2           .83         5           .19         0           .66         6           .91         7           .15         4           .95         0           .63         2           .58         0           .61         5           .61         5           .64         38</td><td>81         56           84         0           29         17           35         0           34         6           14         0           72         4           50         5           56         3           94         1           49         3           41         0           .25         0           .64         100           .64         100           .55         8           .57         29</td><td>.17         54           .72         0           .01         19           .45         3           .84         3           .14         0           .47         3           .77         8           .52         3           .48         0           .20         1           .24         0           .08         m           .09         99           .53         7           .74         3           .77         29</td><td>.13       71         .96       0         .83       13         .36       1         .31       1         .22       0         .83       0         .92       2         .43       4         .57       2         .16       2         .12       0         .84       100         .79       31         .37       14         .01       34</td><td>.58         66           .29         0           .32         15           .08         2           .21         1           .09         0           .88         1           .47         .3           .08         2           .49         1           .29         2           .17         1           .06         0           .01         99           .69         33           .71         9           .51         25</td><td>.87         71.           .12         0.           .83         13.           .19         1.           .59         0.           .50         0.           .53         1.           .99         4.           .55         3.           .35         2.           .16         0.           .11         0.           .91         99.           .52         30.           .15         18.           .29         35</td><td>31         63           .24         0           .62         17           .51         2           .48         1           .03         0           .64         1           .80         3           .22         3           .05         2           .06         2           .05         n           .58         100           .44         22           .02         16           .69         29</td><td>.83 5<br/>.48<br/>.45 1<br/>.18<br/>.45<br/>.12<br/>.62<br/>.63<br/>.51<br/>.84<br/>.36<br/>.02<br/>.d.<br/>.49 9<br/>.24<br/>.78<br/>.69 3</td><td>4.01 5<br/>0.84<br/>8.31 1<br/>3.69<br/>2.81<br/>0.09<br/>4.28<br/>7.07<br/>4.29<br/>1.59<br/>2.02<br/>0.29<br/>0.25<br/>9.54 9<br/>3.37 1<br/>9.39<br/>6.28 3</td><td>8.30       5         0.93       6.75       1         1.90       4.90       0.21         2.19       6.72       4.14         1.36       1.39       0.68         0.26       9.73       9         1.08       1       8.04         5.01       3</td><td>8.23<br/>0.85<br/>6.52<br/>3.71<br/>2.30<br/>0.11<br/>2.35<br/>3.73<br/>4.72<br/>1.53<br/>3.28<br/>1.27<br/>0.21<br/>9.41<br/>3.55<br/>9.04<br/>9.92</td></t<> |  
   
  | .30         67           .67         0           .71         15           .26         1           .21         2           .08         0           .11         0           .63         3           .72         3           .95         2           .58         1           .23         0           .04         0           .49         100           .44         24           .43         17           .46         31   
   
  | .19       66         .65       0         .61       15         .25       1         .53       2         .01       0         .97       0         .97       3         .95       3         .02       0         .42       0         .21       n         .10       99         .59       21         .43       22         .38       29  
  | .25         68           .43         0           .54         14           .21         0           .73         3           .19         0           .91         0           .91         0           .94         1           .47         4           .78         3           .82         1           .09         0           .47         4           .09         0           .47         9           .01         22           .09         22           .35         34   
  | .30         68.           .38         0.           .87         14.           .42         0.           .47         3.           .06         0.           .97         0.           .70         2.           .07         3.           .28         1.           .20         0.           .07         0.           .57         99.           .78         24.           .33         20.           .42         30.  | .52         .55           .25         .0           .29         .16           .52         .4           .03         .3           .08         .0           .90         .5           .57         .4           .54         1           .62         .2           .08         0           .10         0           .42         .99           .97         8           .91         .6           .91         .5  | .43 61<br>.77 0<br>.94 17<br>.08 4<br>.56 3<br>.16 0<br>.79 1<br>.97 1<br>.97 2<br>.25 4<br>.10 3<br>.70 0<br>.66 0<br>.06 0<br>.47 95<br>.40 16<br>.50 7<br>.95 40   
   | 26         59           0.66         1          23         15          12         4          16         0          76         2          21         0          76         2          21         0          21         0          21         0          23         0.94          33         0           0.94         39           333         0           042         99           363         21           715         4           0.00         26  | .46 61<br>.17 0<br>.99 16<br>.67 2<br>.83 2<br>.11 0<br>.95 2<br>.74 4<br>.16 3<br>.81 0<br>.14 3<br>.57 0<br>.24 n<br>.84 100<br>.87 24<br>.79 5<br>.73 26   
  | .96         51           .59         0           .47         16           .64         2           .83         5           .19         0           .66         6           .91         7           .15         4           .95         0           .63         2           .58         0           .61         5           .61         5           .64         38   | 81         56           84         0           29         17           35         0           34         6           14         0           72         4           50         5           56         3           94         1           49         3           41         0           .25         0           .64         100           .64         100           .55         8           .57         29   | .17         54           .72         0           .01         19           .45         3           .84         3           .14         0           .47         3           .77         8           .52         3           .48         0           .20         1           .24         0           .08         m           .09         99           .53         7           .74         3           .77         29  
  | .13       71         .96       0         .83       13         .36       1         .31       1         .22       0         .83       0         .92       2         .43       4         .57       2         .16       2         .12       0         .84       100         .79       31         .37       14         .01       34   
   
   
   
   
   
   
   
   
   
  | .58         66           .29         0           .32         15           .08         2           .21         1           .09         0           .88         1           .47         .3           .08         2           .49         1           .29         2           .17         1           .06         0           .01         99           .69         33           .71         9           .51         25   | .87         71.           .12         0.           .83         13.           .19         1.           .59         0.           .50         0.           .53         1.           .99         4.           .55         3.           .35         2.           .16         0.           .11         0.           .91         99.           .52         30.           .15         18.           .29         35   | 31         63           .24         0           .62         17           .51         2           .48         1           .03         0           .64         1           .80         3           .22         3           .05         2           .06         2           .05         n           .58         100           .44         22           .02         16           .69         29   
  | .83 5<br>.48<br>.45 1<br>.18<br>.45<br>.12<br>.62<br>.63<br>.51<br>.84<br>.36<br>.02<br>.d.<br>.49 9<br>.24<br>.78<br>.69 3  | 4.01 5<br>0.84<br>8.31 1<br>3.69<br>2.81<br>0.09<br>4.28<br>7.07<br>4.29<br>1.59<br>2.02<br>0.29<br>0.25<br>9.54 9<br>3.37 1<br>9.39<br>6.28 3   | 8.30       5         0.93       6.75       1         1.90       4.90       0.21         2.19       6.72       4.14         1.36       1.39       0.68         0.26       9.73       9         1.08       1       8.04         5.01       3   | 8.23<br>0.85<br>6.52<br>3.71<br>2.30<br>0.11<br>2.35<br>3.73<br>4.72<br>1.53<br>3.28<br>1.27<br>0.21<br>9.41<br>3.55<br>9.04<br>9.92  
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| Sid<br>Tii<br>Fe<br>Fe<br>Mn(<br>Caa<br>Na<br>Caa<br>Na<br>K2<br>H2<br>H2<br>Tot  | $\begin{array}{cccccccccccccccccccccccccccccccccccc$   
  | .32         66           .41         0           .67         15           .67         1           .37         3           .06         0           .98         1           .10         2           .56         3           .36         2           .56         3           .36         2           .82         1           .07         0           .06         0           .45         99           .53         24           .85         17           .11         31           .99         12   
  | .30         67           .67         0           .71         15           .26         1           .21         2           .08         0           .11         0           .63         3           .72         3           .95         2           .58         1           .23         0           .04         0           .44         24           .43         17           .46         31           .79         16  
   
  | .19       66         .65       0         .61       15         .25       1         .53       2         .01       0         .58       4         .71       3         .95       3         .02       0         .42       0         .21       n         .10       99         .59       21         .43       22         .38       29         .52       15   
  | .25         68           .43         0           .54         14           .21         0           .73         3           .19         0           .91         0           .04         1           .47         4           .74         3           .82         1           .09         0           .42         99           .01         22           .35         34           .79         7   
  | .30         68.           .38         0.           .87         14.           .42         0.           .47         3.           .06         0.           .97         0.           .70         2.           .07         3.           .28         1.           .20         0.           .07         0.           .57         99.           .78         24.           .33         20.           .42         30.           .98         12.  | .52         55           .25         0           .29         16           .52         4           .03         3           .08         0           .92         3           .90         5           .57         4           .54         1           .62         2           .08         0           .10         0           .42         99           .97         8           .91         6           .19         35           .52         23  | .43     61       .77     0       .94     17       .08     4       .56     3       .16     0       .79     1       .97     3       .97     3       .97     3       .79     1       .70     0       .66     0       .066     0       .47     95       .40     18       .50     7       .95     40       .95     40       .95     40   
   | 26         59           0.66         1          23         15          41         2           3.12         4          12         4          12         4          15         4          16         0          16         0          16         0          16         0          16         0          16         0          16         0          16         0          16         0          16         0          16         0          16         0          11         0          11         0          11         0          11         0          11         0          11         0          11         0          11         0          11         0          11         0          11         0          11         0          11         0          11  | .46 61<br>.17 0<br>.99 16<br>.67 2<br>.83 2<br>.11 0<br>.95 2<br>.74 4<br>.16 3<br>.81 0<br>.14 3<br>.81 0<br>.14 3<br>.14 3<br>.14 3<br>.14 3<br>.14 3<br>.14 100<br>.24 n<br>.84 100<br>.87 24<br>.79 5<br>.73 26<br>.96 24   
  | .96         51           .59         0           .47         16           .64         2           .83         5           .19         0           .66         6           .91         7           .15         4           .95         0           .63         2           .58         0           .43         0           .56         99           .45         -           .61         5           .64         38           .35         21   | 81         56           84         0           29         17           35         0           34         6           14         0           72         4           50         5           56         3           94         1           49         3           41         0           .25         0           .64         100           .64         100           .55         8           .57         29           .21         26  | .17         54           .72         0           .01         19           .45         3           .84         3           .14         0           .47         3           .77         8           .52         3           .48         0           .20         1           .224         0           .08         m           .09         99           .53         7           .74         3           .77         29           .25         37  
  | .13       71         .96       0         .83       13         .36       1         .31       1         .22       0         .83       0         .92       2         .43       4         .57       2         .16       2         .12       0         .84       100         .79       31         .37       14         .01       34         .03       10  
   
   
   
   
   
   
   
   
   
  | .58         66           .29         0           .32         15           .08         2           .09         0           .88         1           .47         3           .08         2           .49         1           .29         2           .17         1           .06         0           .01         99           .69         33           .71         9           .51         25           .69         16   | .87         71.           .12         0.           .83         13.           .19         1.           .59         0.           .50         0.           .53         1.           .99         4.           .55         3.           .35         2.           .16         0.           .11         0.           .91         99.           .52         30.           .52         30.           .52         30.           .53         15           .29         35           .87         8.   | 31         63           .24         0           .62         17           .51         2           .48         1           .03         0           .64         1           .80         3           .05         2           .06         2           .05         7           .05         n           .58         100           .44         22           .02         16           .69         29           .61         18  
  | .83 5<br>.48<br>.45 1<br>.18<br>.45<br>.12<br>.62<br>.63<br>.51<br>.84<br>.36<br>.02<br>.49 9<br>.24<br>.78<br>.69 3<br>.00 2  | 4.01 5<br>0.84<br>8.31 1<br>3.69<br>2.81<br>0.09<br>4.28<br>7.07<br>4.29<br>1.59<br>2.02<br>0.29<br>0.25<br>9.54 9<br>3.37 1<br>9.39<br>6.28 3<br>6.02 2   | 8.30       5         0.93       6.75       1         1.90       0.21       2.19         6.72       4.14       1.36         1.39       0.68       0.26         9.73       9       1.08       1         1.08       1       1.08       1         1.08       1       3.04       5.01       3   | 8.23<br>0.85<br>6.52<br>3.71<br>2.90<br>0.11<br>2.35<br>3.73<br>4.72<br>1.53<br>3.28<br>1.27<br>0.21<br>9.41<br>3.55<br>9.04<br>9.92<br>7.14  
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| Si(<br>Ti(<br>Al;<br>Fee<br>Gao<br>Cao<br>Cao<br>Cao<br>Cao<br>Cao<br>Cao<br>Cao<br>Cao<br>Cao<br>C   | $\begin{array}{cccccccccccccccccccccccccccccccccccc$   
  | .32         66           .41         0           .67         15           .67         15           .67         15           .67         15           .67         15           .67         15           .67         15           .67         15           .67         15           .67         15           .667         1           .98         1           .56         3           .36         2           .82         1           .06         0           .06         0           .45         99           .45         24           .85         17           .95         12           .99         11           .99         1           .99         1   
  | .30         67         0           .67         0         .71         15           .26         1         .21         2           .08         0         .11         0           .63         3         .72         3           .95         2         .58         1           .23         0         .04         0           .43         100         .44         24           .43         17         .46         31           .79         16         .71         0  
   
  | .19       66         .65       0         .61       15         .25       1         .53       2         .01       0         .97       0         .58       4         .71       3         .95       3         .02       0         .42       0         .10       99         .59       21         .43       22         .38       29         .52       15         .26       26  
  | .25         68           .43         0           .54         14           .21         0           .73         3           .19         0           .91         0           .91         0           .04         1           .47         4           .47         3           .82         1           .09         0           .d.  
  | .30         68.           .38         0.           .87         14.           .42         0.           .47         3.           .06         0.           .97         0.           .70         2.           .073         3.           .28         1.           .20         0.           .07         3.           .78         3.           .28         1.           .20         0.           .077         3.           .78         24.           .33         20.           .42         30.           .98         12.           .16         -98  | .52         55           .25         0           .29         16           .52         4           .03         3           .08         0           .92         3           .90         5           .57         4           .54         1           .62         2           .08         0           .10         0           .97         8           .91         6           .97         8           .91         35           .52         23   | .43 61<br>.77 0<br>.94 17<br>.08 4<br>.56 3<br>.16 0<br>.79 1<br>.97 3<br>.25 4<br>.10 1<br>.70 0<br>.66 0<br>.06 0<br>.06 0<br>.40 18<br>.50 7<br>.95 40<br>.95 40<br>.95 46<br>.95 40   
   | 26         59          66         1          23         15          41         2          12         4          16         0          76         2          76         2          73         3          21         0           094         3          33         0           094         99           363         21           715         4           0.00         26          88         21           196         1   | .46 61<br>.17 0<br>.99 16<br>.67 2<br>.83 2<br>.11 0<br>.95 2<br>.74 4<br>.16 3<br>.81 0<br>.14 3<br>.57 0<br>.24 n<br>.84 100<br>.87 24<br>.79 5<br>.73 26<br>.96 24<br>.87 1  
  | .96         51.           .59         0.           .47         16.           .64         2.           .83         5.           .19         0.           .66         6.           .91         7.           .15         4.           .95         0.           .63         2.           .58         0.           .63         2.           .66         99           .45         .           .61         5           .64         38           .35         21           .34         .  | 81         56           84         0           29         17           35         0           .34         6           14         0           72         4           .50         5           .56         3           .94         1           .49         3           .41         0           .64         100           .55         8           .57         29           .21         26  | .17 54<br>.72 0<br>.01 19<br>.45 3<br>.84 3<br>.14 0<br>.47 3<br>.77 8<br>.52 3<br>.48 0<br>.20 1<br>.24 0<br>.08 n<br>.09 99<br>.53 7<br>.74 3<br>.77 29<br>.25 37  
  | .13       71         .96       0         .83       13         .36       1         .31       1         .22       0         .83       0         .92       2         .43       4         .57       2         .16       2         .12       0         .84       100         .79       31         .37       14         .01       34         .03       10  
   
   
   
   
   
   
   
   
   
  | .58         66           .29         0           .32         15           .08         2           .21         1           .09         0           .88         1           .47         .3           .08         2           .47         .3           .08         2           .47         .3           .08         1           .06         0           .01         99           .69         .33           .71         9           .51         .25           .69         16           -         .3   | .87         71           .12         0           .83         13           .19         1           .59         0           .12         0           .50         0           .53         1           .99         4           .55         3           .35         2           .16         0           .11         0           .91         99           .52         30           .15         18           .29         35           .87         8           .06         0  | 31         63           24         0           62         17           51         2           48         1           03         0           64         1           80         3           22         3           05         2           06         2           57         1           05         n           .58         100           .44         22           .02         16           .69         29           .61         18           .23         2  
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| Si<br>Ti<br>Al<br>Fe<br>MnC<br>Ca<br>Ca<br>Ca<br>Ca<br>Ca<br>Ca<br>Ca<br>Ca<br>Ca<br>Ca<br>Ca<br>Ca<br>Ca   | D2         67           D2         0           Q03         15           Q03         15           Q03         0           D         3           D         0           D         33           D         0           D         33           D         0           D         0           D         0           D         0           D         0           D         0           D         0           D         0           D         0           D         0           D         0           D         0           D         0           D         0           D         0           D         0           D         0           NO         0           D         0           D         0           D         0           D         0           NO         0           D         0           D         0           NO     <  
  | .32         66           .41         0           .67         15           .67         15           .67         15           .67         15           .67         15           .67         15           .67         15           .67         15           .67         15           .67         15           .67         16           .58         17           .53         24           .85         17           .11         31           .99         12           .669         1  
  | .30         67         0           .67         0         .71         15           .26         1         2         2         0           .21         2         2         0         0           .11         0         .63         3         .72         3           .95         2         .58         1         .23         0         .04         0           .49         100         .44         24         .43         17         .46         31         .79         16         .79         16         .71         0         .71 <th>.19       66         .65       0         .61       15         .25       1         .53       2         .01       0         .97       0         .58       4         .71       3         .95       3         .02       0         .42       0         .21       n         .59       21         .43       22         .38       29         .52       15         .52       15         .26       1</th> <th>.25         68           .43         0           .54         14           .21         0           .91         0           .91         0           .91         0           .91         0           .91         0           .91         0           .91         0           .92         1           .99         0           .47         4           .99         0           .47         4           .99         0           .47         4           .99         0           .47         4           .99         0           .42         99           .01         22           .05         34           .79         7           -         1           .77         -</th> <th>.30         68.           .38         0.           .87         14.           .42         0.           .47         3.           .06         0.           .97         0.           .70         2.           .07         3.           .28         1.           .20         0.           .07         0.           .57         99.           .78         24.           .33         20.           .42         30.           .98         12.           .16         -           -         0.</th> <th>.52         55           .25         0           .29         16           .52         4           .03         3           .08         0           .92         3           .90         5           .57         4           .54         1           .62         2           .08         0           .10         0           .42         99           .97         8           .91         6           .19         35           .52         23           .551         2</th> <th>.43 61<br/>.77 0<br/>.94 17<br/>.08 4<br/>.56 3<br/>.16 0<br/>.79 1<br/>.97 3<br/>.25 4<br/>.10 1<br/>.70 0<br/>.66 0<br/>.06 0<br/>.47 95<br/>.40 18<br/>.50 7<br/>.95 40<br/>.90 16<br/>.90 16<br/>.22</th> <th>26         59           0.66         1          23         15          41         2          12         4           0.16         0          76         2          52         4          33         0           094         3          33         0           094         3          33         0           094         3          33         0           094         3          33         0          42         99           333         21           715         4          15         4          15         4          15         4          15         4          15         4          15         4          15         4          15         4          15         4          16        16          17        16          16        16          15        16      <tr< th=""><th>.46 61<br/>.17 0<br/>.99 16<br/>.67 2<br/>.83 2<br/>.11 0<br/>.95 2<br/>.74 4<br/>.16 3<br/>.81 0<br/>.14 3<br/>.57 0<br/>.24 n<br/>.84 100<br/>.87 24<br/>.79 5<br/>.73 26<br/>.96 24<br/>.87 1</th><th>.96         51.           .59         0.           .47         16.           .64         2.           .83         5.           .19         0.           .66         6.           .91         7.           .15         4.           .95         0.           .63         2.           .58         0.           .61         5           .61         5           .64         38.           .35         21.           .34         -           .61         5</th><th>81         56           84         0           29         17           35         0           .34         6           .14         0           .72         4           .50         5           .56         3           .94         1           .49         3           .41         0           .64         100           .64         100           .55         8           .57         29           .57         21           .06         0</th><th>.17         54           .72         0           .01         19           .45         3           .84         3           .14         0           .47         3           .77         8           .52         3           .48         0           .20         1           .24         0           .08         n           .09         99           .53         7           .74         3           .77         29           .25         37           -         -           .78         3</th><th>.13         71           .96         0           .83         13           .36         1           .31         1           .22         0           .83         0           .92         2           .43         4           .57         2           .16         2           .12         0           .64         100           .79         31           .37         14           .01         34           .03         10            .01         0</th><th>.58         66           .29         0           .32         15           .08         2           .11         1           .09  
      0           .88         1           .47         3           .08         2           .17         1           .06         0           .017         1           .06         0           .017         1           .06         0           .01         99           .02         .01           .03         .71           .69         33           .71         9           .51         .25           .69         16           -         3           .49         .49</th><th>.87         71           .12         0           .83         13           .19         1           .59         0           .50         0           .53         1           .99         4           .55         3           .35         2           .16         0           .11         0           .91         99           .52         30           .15         18           .29         35           .87         8           .06         0</th><th>.31       63         .24       0         .62       17         .51       2         .63       0         .64       1         .80       3         .22       3         .05       2         .06       2         .05       7         .05       10         .44       22         .02       16         .69       29         .61       18         .23       2</th><th>.83 5.<br/>.48<br/>.45 11<br/>.18<br/>.45<br/>.12<br/>.62<br/>.63<br/>.51<br/>.84<br/>.36<br/>.02<br/>.4.<br/>.49 9<br/>.24<br/>.78<br/>.69 3<br/>.00 2<br/>.01</th><th>4.01 5<br/>0.84<br/>8.31 1<br/>3.69<br/>2.81<br/>7.07<br/>4.28<br/>7.07<br/>4.29<br/>1.59<br/>2.02<br/>0.29<br/>0.25<br/>9.54 9<br/>3.37 1<br/>9.39<br/>6.28 3<br/>6.28 3<br/>6.02 2<br/>-<br/>3.10</th><th>8.30       5         0.93       6.75       1         1.90       4.90       0.21         2.19       6.72       4.14         1.36       1.39       0.68         0.26       9.73       9         1.08       1       8.04         5.01       3       3.11         -       -       3.57</th><th>8.23<br/>0.85<br/>6.52<br/>3.71<br/>2.90<br/>0.11<br/>2.35<br/>3.73<br/>4.72<br/>1.53<br/>3.28<br/>1.27<br/>0.21<br/>9.41<br/>3.55<br/>9.04<br/>9.92<br/>7.14<br/>0.82</th></tr<></th>  
  | .19       66         .65       0         .61       15         .25       1         .53       2         .01       0         .97       0         .58       4         .71       3         .95       3         .02       0         .42       0         .21       n         .59       21         .43       22         .38       29         .52       15         .52       15         .26       1   
  | .25         68           .43         0           .54         14           .21         0           .91         0           .91         0           .91         0           .91         0           .91         0           .91         0           .91         0           .92         1           .99         0           .47         4           .99         0           .47         4           .99         0           .47         4           .99         0           .47         4           .99         0           .42         99           .01         22           .05         34           .79         7           -         1           .77         -   
  | .30         68.           .38         0.           .87         14.           .42         0.           .47         3.           .06         0.           .97         0.           .70         2.           .07         3.           .28         1.           .20         0.           .07         0.           .57         99.           .78         24.           .33         20.           .42         30.           .98         12.           .16         -           -         0.   | .52         55           .25         0           .29         16           .52         4           .03         3           .08         0           .92         3           .90         5           .57         4           .54         1           .62         2           .08         0           .10         0           .42         99           .97         8           .91         6           .19         35           .52         23           .551         2   | .43 61<br>.77 0<br>.94 17<br>.08 4<br>.56 3<br>.16 0<br>.79 1<br>.97 3<br>.25 4<br>.10 1<br>.70 0<br>.66 0<br>.06 0<br>.47 95<br>.40 18<br>.50 7<br>.95 40<br>.90 16<br>.90 16<br>.22   
   | 26         59           0.66         1          23         15          41         2          12         4           0.16         0          76         2          52         4          33         0           094         3          33         0           094         3          33         0           094         3          33         0           094         3          33         0          42         99           333         21           715         4          15         4          15         4          15         4          15         4          15         4          15         4          15         4          15         4          15         4          16        16          17        16          16        16          15        16 <tr< th=""><th>.46 61<br/>.17 0<br/>.99 16<br/>.67 2<br/>.83 2<br/>.11 0<br/>.95 2<br/>.74 4<br/>.16 3<br/>.81 0<br/>.14 3<br/>.57 0<br/>.24 n<br/>.84 100<br/>.87 24<br/>.79 5<br/>.73 26<br/>.96 24<br/>.87 1</th><th>.96         51.           .59         0.           .47         16.           .64         2.           .83         5.           .19         0.           .66         6.           .91         7.           .15         4.           .95         0.           .63         2.           .58         0.           .61         5           .61         5           .64         38.           .35         21.           .34         -           .61         5</th><th>81         56           84         0           29         17           35         0           .34         6           .14         0           .72         4           .50         5           .56         3           .94         1           .49         3           .41         0           .64         100           .64         100           .55         8           .57         29           .57         21           .06         0</th><th>.17         54           .72         0           .01         19           .45         3           .84         3           .14         0           .47         3           .77         8           .52         3           .48         0           .20         1           .24         0           .08         n           .09         99           .53         7           .74         3           .77         29           .25         37           -         -           .78         3</th><th>.13         71           .96         0           .83         13           .36         1           .31         1           .22         0           .83         0           .92         2           .43         4           .57         2           .16         2           .12         0           .64         100           .79         31           .37         14           .01         34           .03         10            .01         0</th><th>.58         66           .29         0           .32         15           .08         2           .11         1           .09         0           .88         1           .47         3           .08         2           .17         1           .06         0           .017         1           .06         0           .017         1           .06         0           .01         99           .02         .01           .03         .71           .69         33           .71         9           .51         .25           .69         16           -         3           .49         .49</th><th>.87         71           .12         0           .83         13           .19         1           .59         0           .50         0           .53         1           .99         4           .55         3           .35         2           .16         0           .11         0           .91         99           .52         30           .15         18           .29         35           .87         8           .06         0</th><th>.31       63         .24       0         .62       17         .51       2         .63       0         .64       1         .80       3         .22       3         .05       2         .06       2         .05       7         .05       10         .44       22         .02       16         .69       29         .61       18         .23       2</th><th>.83 5.<br/>.48<br/>.45 11<br/>.18<br/>.45<br/>.12<br/>.62<br/>.63<br/>.51<br/>.84<br/>.36<br/>.02<br/>.4.<br/>.49 9<br/>.24<br/>.78<br/>.69 3<br/>.00 2<br/>.01</th><th>4.01 5<br/>0.84<br/>8.31 1<br/>3.69<br/>2.81<br/>7.07<br/>4.28<br/>7.07<br/>4.29<br/>1.59<br/>2.02<br/>0.29<br/>0.25<br/>9.54 9<br/>3.37 1<br/>9.39<br/>6.28 3<br/>6.28 3<br/>6.02 2<br/>-<br/>3.10</th><th>8.30       5         0.93       6.75       1         1.90       4.90       0.21         2.19       6.72       4.14         1.36       1.39       0.68         0.26       9.73       9         1.08       1       8.04         5.01       3       3.11         -       -       3.57</th><th>8.23<br/>0.85<br/>6.52<br/>3.71<br/>2.90<br/>0.11<br/>2.35<br/>3.73<br/>4.72<br/>1.53<br/>3.28<br/>1.27<br/>0.21<br/>9.41<br/>3.55<br/>9.04<br/>9.92<br/>7.14<br/>0.82</th></tr<> | .46 61<br>.17 0<br>.99 16<br>.67 2<br>.83 2<br>.11 0<br>.95 2<br>.74 4<br>.16 3<br>.81 0<br>.14 3<br>.57 0<br>.24 n<br>.84 100<br>.87 24<br>.79 5<br>.73 26<br>.96 24<br>.87 1  
  | .96         51.           .59         0.           .47         16.           .64         2.           .83         5.           .19         0.           .66         6.           .91         7.           .15         4.           .95         0.           .63         2.           .58         0.           .61         5           .61         5           .64         38.           .35         21.           .34         -           .61         5  | 81         56           84         0           29         17           35         0           .34         6           .14         0           .72         4           .50         5           .56         3           .94         1           .49         3           .41         0           .64         100           .64         100           .55         8           .57         29           .57         21           .06         0  | .17         54           .72         0           .01         19           .45         3           .84         3           .14         0           .47         3           .77         8           .52         3           .48         0           .20         1           .24         0           .08         n           .09         99           .53         7           .74         3           .77         29           .25         37           -         -           .78         3   
  | .13         71           .96         0           .83         13           .36         1           .31         1           .22         0           .83         0           .92         2           .43         4           .57         2           .16         2           .12         0           .64         100           .79         31           .37         14           .01         34           .03         10            .01         0   
   
   
   
   
   
   
   
   
   
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  | .83 5.<br>.48<br>.45 11<br>.18<br>.45<br>.12<br>.62<br>.63<br>.51<br>.84<br>.36<br>.02<br>.4.<br>.49 9<br>.24<br>.78<br>.69 3<br>.00 2<br>.01  | 4.01 5<br>0.84<br>8.31 1<br>3.69<br>2.81<br>7.07<br>4.28<br>7.07<br>4.29<br>1.59<br>2.02<br>0.29<br>0.25<br>9.54 9<br>3.37 1<br>9.39<br>6.28 3<br>6.28 3<br>6.02 2<br>-<br>3.10  | 8.30       5         0.93       6.75       1         1.90       4.90       0.21         2.19       6.72       4.14         1.36       1.39       0.68         0.26       9.73       9         1.08       1       8.04         5.01       3       3.11         -       -       3.57   | 8.23<br>0.85<br>6.52<br>3.71<br>2.90<br>0.11<br>2.35<br>3.73<br>4.72<br>1.53<br>3.28<br>1.27<br>0.21<br>9.41<br>3.55<br>9.04<br>9.92<br>7.14<br>0.82  
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| Si<br>Si<br>Al<br>Fe<br>Fe<br>Caa<br>Caa<br>K2<br>H2<br>H2<br>P2<br>Too<br>C  | $\begin{array}{cccccccccccccccccccccccccccccccccccc$   
  | .32         66           .41         0           .67         15           .677         15           .67         15           .67         15           .67         15           .67         15           .67         15           .67         15           .67         15           .67         16           .68         17           .63         24           .63         24           .63         24           .63         11           .99         12           .69         1           -         -  
  | .30         67           .67         0           .71         15           .26         1           .21         2           .08         0           .11         0           .63         3           .95         2           .58         1           .23         0           .44         24           .43         17           .46         31           .79         16           .71         0  
   
  | .19     66       .65     0       .61     15       .25     1       .53     2       .01     0       .97     0       .58     4       .71     .3       .95     3       .02     0       .42     0       .21     n       .10     99       .59     21       .43     22       .38     29       .52     15       .26     -       -     0  
  | .25         68           .43         0           .54         14           .21         0           .73         3           .19         0           .91         0           .91         0           .47         4           .74         3           .82         1           .09         0           .42         99           .01         22           .05         34           .79         7           -         1           .77         .69   
  | .30         68.           .38         0.           .87         14.           .42         0.           .47         3.           .06         0.           .97         0.           .70         2.           .07         3.           .28         1.           .20         0.           .57         99.           .78         34.           .33         200           .42         30.           .97         16.           .78         24.           .33         200           .42         30.           .98         12.           .98         12.           .16         -           -         0.  | .52         55           .25         0           .29         16           .52         4           .03         3           .08         0           .92         3           .90         5           .57         4           .54         1           .62         2           .08         0           .10         0           .42         99           .97         8           .91         6           .19         35           .52         23           .51         2           .51         2           .51         2  | .43 61<br>.77 0<br>.94 17<br>.08 4<br>.56 2<br>.16 0<br>.79 1<br>.97 2<br>.25 4<br>.10 1<br>.70 0<br>.66 0<br>.06 0<br>.06 0<br>.47 95<br>.40 16<br>.50 7<br>.95 40<br>.90 16<br>.90 16<br>.90 16   
   | 26         59          66         1           7.23         15          41         2          12         4          16         0          73         3          74         3          73         3          73         3          73         3          74         3          75         3          73         3          73         3          73         3          73         3          73         3          73         3          73         3          73         3          73         3          73         3          73         3          73         3          73         3          73         3          74         99          35         21          15         4          100         26          15         4          100         26   | .46 61<br>.17 0<br>.99 16<br>.67 2<br>.83 2<br>.11 0<br>.95 2<br>.74 4<br>.16 3<br>.81 0<br>.14 3<br>.57 0<br>.24 n<br>.84 100<br>.87 24<br>.79 5<br>.73 26<br>.96 24<br>.87 1<br>-   
  | .96         51.           .59         0.           .47         16.           .64         2.           .83         5.           .19         0.           .66         6.           .91         7.           .15         4.           .95         0.           .63         2.           .58         0.           .56         99           .45         .           .61         5           .64         38           .35         21           .34         .           .34         .           .34         .   | 81         56           84         0           29         17           35         0           34         6           14         0           72         4           50         5           56         3           94         1           49         3           41         0           25         0           64         100           -         6           55         8           57         29           21         26           .06         0           .02         0   | .17         54           .72         0           .01         19           .45         3           .44         3           .14         0           .47         3           .48         3           .48         0           .20         1           .24         0           .08         n           .09         99           .53         .7           .74         3           .77         29           .25         37           .78         3.38           .78         3.8   
  | .13         71           .96         0           .83         13           .36         1           .31         1           .22         0           .83         0           .92         2           .43         4           .57         2           .16         2           .12         0           .84         100           .79         31           .37         14           .01         34           .03         10           -         0           .01         0  
   
   
   
   
   
   
   
   
   
  | .58         66           .29         0           .32         15           .08         2           .11         .09         0           .88         1           .47         .3           .08         2           .17         1           .06         0           .01         99           .69         33           .71         9           .51         25           .69         16           -         3           .49         .31  | .87         71.           .12         0.           .83         13.           .19         13.           .19         14.           .59         0.           .50         0.           .53         11.           .99         4.           .55         3.           .35         2.           .16         0.           .91         99.           .52         30.           .827         35.           .87         8.           .06         0.           -         -  | 31       63         24       0         .62       17         .51       2         .63       0         .64       1         .80       3         .22       3         .05       2         .06       2         .05       7         .05       8         .06       2         .05       10         .44       22         .02       16         .69       29         .61       18         .23       2  
  | .83 5<br>.48 4<br>.45 1<br>.18 .<br>.45 .<br>.62 .<br>.63 .<br>.51 .<br>.84 .<br>.84 .<br>.36 .<br>.02 .<br>.49 9 .<br>.24 .<br>.78 .<br>.69 3 .<br>.00 2 .<br>.01 -   | 4.01 5<br>0.84<br>8.31 1<br>3.69<br>4.28<br>7.07<br>4.29<br>1.59<br>2.02<br>0.25<br>9.54 9<br>3.37 1<br>9.39<br>6.28 3<br>6.02 2<br>-<br>3.10<br>2.52  | 8.30       5         0.93       6.75       1         1.90       0.21       2.19         6.72       4.14       1.36         1.36       0.68       0.26         9.73       9       1.08       1         8.04       5.01       3       3.11       1         -       -       3.57       1.64       1.64  | 8.23<br>0.85<br>6.52<br>3.71<br>2.90<br>0.11<br>2.35<br>3.73<br>4.72<br>1.53<br>3.28<br>1.27<br>0.21<br>9.41<br>3.55<br>9.04<br>9.92<br>7.14<br>0.82  
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| Si<br>Ti<br>Al<br>Fee<br>Caa<br>Caa<br>K2 <sup>2</sup><br>H <sub>2</sub><br>H <sub>2</sub><br>To<br>To<br>Caa<br>Di   | D2         67           D2         0           D2         0           D3         15           D3         15           D3         0           D3         0           D4         0           D5         0           D5         0           D6         0           D6         0           D7         33           D6         0           D6         0           D7         0           D6         0           D6         0           D7         0           D8         0           D9         0           D0         0           D0         0           D0         0           D0         0           D1         0           D1         0           D1         0           WO         0           WO         0           P0         0           D1         0           D2         0           WO         0           WO         0   
  | .32 66<br>.41 0<br>.67 15<br>.67 15<br>.67 15<br>.98 1<br>.98 1<br>.98 1<br>.98 1<br>.00 0<br>.98 1<br>.336 2<br>.55 3<br>.36 2<br>.82 1<br>.007 0<br>.06 0<br>.06 0<br>.06 9<br>.07 0<br>.06 9<br>.07 0<br>.06 1<br>.11 31<br>.99 12<br>.11 31<br>.99 12<br>.99 1   
  | .30         67           .67         0           .71         15           .26         1           .21         2           .08         0           .11         0           .63         3           .72         3           .95         2           .58         1           .23         0           .49         100           .44         24           .43         17           .44         17           .46         31           .77         0           -         -           -         -  
   
  | .19     66       .65     0       .61     15       .25     1       .53     2       .01     0       .97     0       .58     4       .95     3       .02     0       .42     0       .10     99       .59     21       .43     22       .38     29       .52     15       .26     -       -     1       -     0       -     1   
  | .25         68           .43         0           .54         14           .21         0           .73         3           .19         0           .91         0           .04         1           .47         4           .74         3           .82         1           .09         0           .dd.         0           .42         99           .01         22           .05         34           .79         7           .69         .11  
  | .30         68.           .38         0.           .87         14.           .42         0.           .47         3.           .06         0.           .97         0.           .70         2.           .07         3.           .28         1.           .20         0.           .07         0.           .57         99           .78         24.           .33         20.           .42         30.           .98         12.           .16         -           -         0.           -         0.           -         0.           -         0.   | .52         55           .25         0           .29         16           .52         4           .03         3           .08         0           .92         3           .90         5           .57         4           .57         1           .62         2           .08         0           .10         0           .42         99           .97         8           .91         6           .97         8           .91         3           .55         .52           .55         .52           .55         .52           .51         .2           .51         .2           .36         0  | .43 61<br>.77 0<br>.94 17<br>.08 4<br>.56 3<br>.16 0<br>.79 1<br>.97 3<br>.25 4<br>.10 1<br>.70 0<br>.66 0<br>.06 0<br>.06 0<br>.47 95<br>.40 16<br>.50 7<br>.95 40<br>.95 40<br>.95 16<br>.38  
   | 26 59<br>66 1<br>   | .46 61<br>.17 0<br>.99 16<br>.67 2<br>.83 2<br>.11 0<br>.95 2<br>.74 4<br>.16 3<br>.81 0<br>.14 3<br>.57 0<br>.14 3<br>.57 0<br>.24 n<br>.84 100<br>.87 24<br>.79 5<br>.77 26<br>.96 24<br>.87 1<br>-   
  | .96         51.           .59         0.           .47         16.           .64         2           .83         5.           .19         0.           .66         6.           .91         7.           .15         4.           .95         0.           .63         2.           .58         0.           .61         5.           .64         38           .35         21           .34         -           -         6.           -         4           -         1   | 81         56           84         0           29         17           35         0           34         6           14         0           72         4           50         5           56         3           94         1           49         3           41         0           64         100           -         6           55         8           55         29           21         26           0         0           0.06         0           0.02         0           641         0  | .17         54           .72         0           .01         19           .45         3           .44         0           .47         3           .77         8           .52         3           .48         0           .20         1           .24         0           .08         m           .09         99           .53         7           .74         3           .77         29           .25         37           -         .78         3           .38         0   
  | .13         71           .96         0           .83         13           .36         1           .31         1           .22         0           .83         0           .92         2           .43         4           .57         2           .16         2           .12         0           .64         100           .79         31           .37         14           .03         10           -         .01           .01         0           .22         0           .50         0   
   
   
   
   
   
   
   
   
   
  | .58         66           .29         0           .32         15           .08         2           .11         1           .09         0           .88         1           .47         .3           .08         2           .47         .3           .08         1           .29         2           .47         .3           .08         1           .29         2           .17         1           .06         0           .01         99           .51         25           .69         16           -         3           .49         .31           .15         .31   | .87         71.           .12         0.           .83         13.           .19         1.           .59         0.           .12         0.           .55         3.           .35         2.           .16         0.           .11         0.           .91         99.           .55         30.           .15         18.           .29         35.           .87         8.           .06         0.           -         -  | 31       63         .24       0         .62       17         .51       2         .63       0         .64       1         .80       3         .22       3         .05       2         .66       2         .57       1         .58       100         .44       22         .05       n         .58       100         .44       22         .66       29         .61       18         .23       2  
  | .83 5.<br>.48 1.<br>.45 1.<br>.62 .63 .51<br>.64<br>.62<br>.63<br>.64 9 9<br>.24<br>.69 3<br>.00 2<br>.01  | 4.01 5<br>0.84<br>8.31 1<br>2.81<br>0.09<br>4.28<br>7.07<br>4.29<br>1.59<br>2.02<br>0.25<br>9.54 9<br>9.54 9<br>3.37 1<br>9.39<br>6.28 3<br>6.02 2<br>-<br>3.10<br>2.52<br>0.21  | 8.30       5         0.93       6.75       1         1.90       4.90       0.21         2.19       6.72       4.14         1.36       1.39       0.68         0.26       9.73       9         1.08       1       8.04         5.01       3.11       1         -       3.57       1.64         1.89       1       1.64  | 8.23<br>0.85<br>0.52<br>3.71<br>2.90<br>0.11<br>2.35<br>3.73<br>4.72<br>1.53<br>3.28<br>1.27<br>0.21<br>9.41<br>3.55<br>9.04<br>9.99<br>7.14<br>0.82<br>-<br>-  
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| Sic<br>Al,<br>Fe,<br>Fec<br>Mag<br>Cac<br>Cac<br>Na,<br>K <sub>2</sub> C<br>H <sub>2</sub> C<br>H <sub>2</sub> C<br>Tot   | D2         67           D2         00           D3         15           Q3         0           D4         0           D5         0           D5         0           D5         0           D5         0           D5         0           D5         0           D6         0           D5         0           D6         0           D5         0           D6         0           D7         0           D8         0           D8         0           D9         2           D8         0           D9         2           D8         0           D9         0           D8         0           D9         0           D8         0   | .32 66<br>.41 0<br>.67 15<br>.67 15<br>.37 3<br>.98
1<br>.10 2<br>.56 3<br>.36 2<br>.56 3<br>.36 2<br>.56 3<br>.36 2<br>.57 0<br>.07 0<br>.06 0<br>.45 99<br>.53 24<br>.85 17<br>.11 31<br>.99 12<br>.669 1<br>-<br>-  
  | .30         67           .67         0           .71         15           .26         1           .21         2           .08         0           .11         0           .63         3           .72         3           .95         2           .58         1           .23         0           .49         100           .44         24           .43         17           .46         31           .79         16           .71         0           -         -           .77         2  
   
  | .19       66         .65       0         .61       15         .25       1         .53       2         .01       0         .97       0         .97       0         .97       0         .97       0         .42       0         .42       1         .95       21         .10       99         .59       21         .43       22         .38       29         .52       15         .52       15         .52       1         .52       1         .52       1         .52       1         .52       1         .52       1         .43       22         .54       1         .52       1         .52       1         .43       22         .54       1         .54       1         .54       1         .55       1         .54       1         .55       1         .54       1 <th>.25         68           .43         0           .54         14           .21         0           .73         3           .19         0           .91         0           .91         0           .47         4           .74         3           .82         1           .09         0           .42         99           .01         22           .35         34           .79         7           -         1           .77         .69           .11         .58         2</th> <th>.30         68.           .38         0.           .87         14.           .42         0.           .47         3.           .06         0.           .97         0.           .70         2.           .07         3.           .28         1.           .20         0.           .07         0.           .57         99.           .78         33           .42         30.           .42         30.           .98         12.           .91         12.           .91         12.           .91         12.           .91         12.           .91         12.           .91         12.           .91         12.           .91         0.           .91         0.           .91         0.           .91         0.           .91         0.</th> <th>.52         55           .52         50           .52         4           .52         4           .52         4           .52         4           .52         4           .52         4           .52         4           .52         4           .52         4           .62         2           .63         .57           .54         .57           .62         .2           .62         .2           .62         .2           .62         .2           .642         .99           .62         .2           .7         .8           .97         .8           .91         .6           .19         .55           .2         .2           .3         .2           .51         .2           .36         .3           .35         .3           .35         .3           .35         .3           .35         .3           .35         .3           .35         .3</th> <th>.43         61           .77         0           .94         17.           .08         4           .93         15.6           .16         0           .97         22           .10         1           .79         1           .79         25           .10         1           .70         0           .66         0           .47         95           .40         16           .50         7           .95         40           .90         16           .90         12           .63         .38           .80         4</th> <th>26         59          66         1          23         15          41         2          12         4          16         0          76         2          73         3          21         0           094         33           090         0           042         99          63         21           715         4          90         1           -         -           -         -           -         -           -         -           -         -</th> <th>.46 61<br/>.17 0<br/>.99 16<br/>.67 2<br/>.83 2<br/>.11 0<br/>.95 2<br/>.74 4<br/>.16 3<br/>.81 0<br/>.14 3<br/>.57 0<br/>.24 n<br/>.84 100<br/>.87 24<br/>.79 5<br/>.73 26<br/>.96 24<br/>.87 1<br/>.87 1<br/>.87 1<br/>.87 1<br/>.87 2<br/>.33 6</th> <th>.96         51           .59         0           .47         16           .64         2           .83         5           .19         0           .66         6           .91         7           .15         4           .95         0           .63         2           .63         2           .64         0           .65         99           .45         -           .61         5           .64         38           .34         -           .34         -           .4         -           .62         3</th> <th>.81         56           .84         0           .29         17           .35         0           .35         0           .35         0           .35         0           .41         0           .50         55           .64         100           .55         6           .57         29           .66         0           .02         0           .60         0           .02         0           .33         10</th> <th>.17         54           .72         0           .01         19           .45         3           .14         0           .47         3           .77         8           .52         3           .48         0           .20         1           .24         0           .84         3           .77         8           .24         0           .08         n           .09         99           .53         77           .74         3           .77         29           .25       
 37           -         -           .78         3           .38         2           .38         2           .38         75</th> <th>.13         71           .96         0           .83         13           .36         1           .31         1           .22         0           .83         0           .92         2           .43         4           .57         2           .12         0           .84         100           .79         31           .37         14           .01         34           .01         0           .22         0           .37         14           .01         31           .03         10          </th> <th>.58         66           .29         0           .32         15           .08         2           .21         1           .09         0           .88         1           .47         .3           .08         2           .49         1           .06         0           .01         99           .69         33           .71         9           .51         25           .69         16           -         3           .49         .315           .88         3</th> <th>.87         71.           .12         0.           .83         13.           .19         1.           .59         0.           .50         0.           .53         1.           .99         4.           .55         3.           .35         2.           .16         0.           .91         99.           .52         30.           .15         18.           .29         35.           .87         8.           .06         0.           -         -           .73         1</th> <th>31         63           24         0           62         17           51         2           48         1           1.03         0           0.64         1           1.80         3           0.55         2           2.2         3           0.55         100           .58         100           .66         19           .23         2           .24         100           .59         4</th> <th>.83         5.           .48         1           .12         .12           .62         .63           .51         .51           .84         .36           .02         .36           .49         9           .244         .78           .669         3.           .69         3.           .001         -           -         -           .03         .03</th> <th>4.01 5<br/>0.84<br/>8.31 1<br/>0.09<br/>4.28<br/>7.07<br/>4.29<br/>1.59<br/>2.02<br/>0.29<br/>5.29<br/>5.337 1<br/>9.39<br/>6.28<br/>9.33<br/>7<br/>1.59<br/>2.02<br/>0.25<br/>-<br/>3.10<br/>0.02<br/>2.52<br/>0.21<br/>8.13</th> <th>8.30       5         0.93       6.75       1         1.90       4.90       0.21         2.19       6.72       4.14         1.36       1.39       0.68         0.26       9.73       9         1.08       1       3         1.08       1       3         3.11       1       -         -       3.57       1.689         3.81       -       -</th> <th>8.23<br/>0.85<br/>0.52<br/>3.71<br/>2.90<br/>0.11<br/>2.35<br/>3.73<br/>4.72<br/>1.53<br/>3.28<br/>1.27<br/>0.21<br/>9.41<br/>3.55<br/>9.04<br/>9.92<br/>7.14<br/>9.92<br/>7.14<br/>5.85</th> | .25         68           .43         0           .54         14           .21         0           .73         3           .19         0           .91         0           .91         0           .47         4           .74         3           .82         1           .09         0           .42         99           .01         22           .35         34           .79         7           -         1           .77         .69           .11         .58         2   
  | .30         68.           .38         0.           .87         14.           .42         0.           .47         3.           .06         0.           .97         0.           .70         2.           .07         3.           .28         1.           .20         0.           .07         0.           .57         99.           .78         33           .42         30.           .42         30.           .98         12.           .91         12.           .91         12.           .91         12.           .91         12.           .91         12.           .91         12.           .91         12.           .91         0.           .91         0.           .91         0.           .91         0.           .91         0.  | .52         55           .52         50           .52         4           .52         4           .52         4           .52         4           .52         4           .52         4           .52         4           .52         4           .52         4           .62         2           .63         .57           .54         .57           .62         .2           .62         .2           .62         .2           .62         .2           .642         .99           .62         .2           .7         .8           .97         .8           .91         .6           .19         .55           .2         .2           .3         .2           .51         .2           .36         .3           .35         .3           .35         .3           .35         .3           .35         .3           .35         .3           .35         .3 | .43         61           .77         0           .94         17.           .08         4           .93         15.6           .16         0           .97         22           .10         1           .79         1           .79         25           .10         1           .70         0           .66         0           .47         95           .40         16           .50         7           .95         40           .90         16           .90         12           .63         .38           .80         4  
   | 26         59          66         1          23         15          41         2          12         4          16         0          76         2          73         3          21         0           094         33           090         0           042         99          63         21           715         4          90         1           -         -           -         -           -         -           -         -           -         -   | .46 61<br>.17 0<br>.99 16<br>.67 2<br>.83 2<br>.11 0<br>.95 2<br>.74 4<br>.16 3<br>.81 0<br>.14 3<br>.57 0<br>.24 n<br>.84 100<br>.87 24<br>.79 5<br>.73 26<br>.96 24<br>.87 1<br>.87 1<br>.87 1<br>.87 1<br>.87 2<br>.33 6   
  | .96         51           .59         0           .47         16           .64         2           .83         5           .19         0           .66         6           .91         7           .15         4           .95         0           .63         2           .63         2           .64         0           .65         99           .45         -           .61         5           .64         38           .34         -           .34         -           .4         -           .62         3   | .81         56           .84         0           .29         17           .35         0           .35         0           .35         0           .35         0           .41         0           .50         55           .64         100           .55         6           .57         29           .66         0           .02         0           .60         0           .02         0           .33         10   | .17         54           .72         0           .01         19           .45         3           .14         0           .47         3           .77         8           .52         3           .48         0           .20         1           .24         0           .84         3           .77         8           .24         0           .08         n           .09         99           .53         77           .74         3           .77         29           .25         37           -         -           .78         3           .38         2           .38         2           .38         75   
  | .13         71           .96         0           .83         13           .36         1           .31         1           .22         0           .83         0           .92         2           .43         4           .57         2           .12         0           .84         100           .79         31           .37         14           .01         34           .01         0           .22         0           .37         14           .01         31           .03         10  
   
   
   
   
   
   
   
   
   
  | .58         66           .29         0           .32         15           .08         2           .21         1           .09         0           .88         1           .47         .3           .08         2           .49         1           .06         0           .01         99           .69         33           .71         9           .51         25           .69         16           -         3           .49         .315           .88         3   | .87         71.           .12         0.           .83         13.           .19         1.           .59         0.           .50         0.           .53         1.           .99         4.           .55         3.           .35         2.           .16         0.           .91         99.           .52         30.           .15         18.           .29         35.           .87         8.           .06         0.           -         -           .73         1   | 31         63           24         0           62         17           51         2           48         1           1.03         0           0.64         1           1.80         3           0.55         2           2.2         3           0.55         100           .58         100           .66         19           .23         2           .24         100           .59         4  
  | .83         5.           .48         1           .12         .12           .62         .63           .51         .51           .84         .36           .02         .36           .49         9           .244         .78           .669         3.           .69         3.           .001         -           -         -           .03         .03  | 4.01 5<br>0.84<br>8.31 1<br>0.09<br>4.28<br>7.07<br>4.29<br>1.59<br>2.02<br>0.29<br>5.29<br>5.337 1<br>9.39<br>6.28<br>9.33<br>7<br>1.59<br>2.02<br>0.25<br>-<br>3.10<br>0.02<br>2.52<br>0.21<br>8.13  | 8.30       5         0.93       6.75       1         1.90       4.90       0.21         2.19       6.72       4.14         1.36       1.39       0.68         0.26       9.73       9         1.08       1       3         1.08       1       3         3.11       1       -         -       3.57       1.689         3.81       -       -   | 8.23<br>0.85<br>0.52<br>3.71<br>2.90<br>0.11<br>2.35<br>3.73<br>4.72<br>1.53<br>3.28<br>1.27<br>0.21<br>9.41<br>3.55<br>9.04<br>9.92<br>7.14<br>9.92<br>7.14<br>5.85  
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66<br>.41 0<br>.67 15<br>.67 1<br>1.37 3<br>.060 0<br>.98 1<br>.10 2<br>.56 3<br>.69 1<br>.07 0<br>.06 0<br>.06 0<br>.06 0<br>.06 0<br>.06 0<br>.06 0<br>.07 0<br>.07 1<br>.11 31<br>.99 12<br>.69 1<br>   
  | 30         67           .67         0           .71         15           .26         1           .21         2           .08         0           .11         0           .63         3           .72         3           .95         2           .58         1           .23         0           .04         100           .44         24           .43         17           .46         31           .79         16           .71         0           .75         2           .76         2           .90         2   
   
  | .19         66           .65         .0           .61         15           .25         .1           .53         .2           .01         .0           .97         .0           .97         .0           .97         .0           .97         .0           .97         .0           .97         .0           .98         .3           .02         .0           .02         .0           .21         .1           .10         .99           .21         .1           .10         .21           .10         .22           .110         .22           .22         .22           .22         .22           .22         .22           .22         .22           .23         .24           .42         .24           .42         .24           .42         .26  
  | .25         68           .43         0           .54         14           .21         0           .73         3           .19         0           .91         0           .04         1           .47         4           .74         3           .82         1           .09         0           .42         99           .01         22           .09         22           .35         34           .79         7           .69         .777           .69         .777           .58         2           .55         55   
  | .30         68.           .38         0.           .87         14.           .42         0.           .47         3.           .06         0.           .97         0.           .70         2.           .07         3.           .28         1.           .20         0.           .07         0.           .57         99.           .78         3.3           .33         200.           .42         30.           .42         30.           .98         12.           .16         -           -         0.           -         0.           -         0.           -         0.           -         0.           -         0.           -         0.           -         0.           -         0.           -         0.           -         0.           -         0.           -         0.           -         0.           .51         4.  | .52         55           .29         16           .29         16           .33         3           .33         3           .34         .22           .35         .24           .33         .33           .308         .00           .92         .33           .93         .39           .55         .4           .57         .4           .62         .29           .90         .5           .62         .29           .57         .4           .10         .08           .10         .08           .110         .55           .57         .4           .19         .55           .57         .2           .51         .2           .12         .7           .12         .7   | .43 61<br>.77 c<br>94 17.<br>.08 4<br>.56 2<br>.25 4<br>.10 0<br>.25 4<br>.10 0<br>.25 4<br>.10 0<br>.25 4<br>.10 0<br>.25 4<br>.10 0<br>.26 (<br>.06 0<br>.66 (<br>.06 (<br>.0) | 26         59          66         1          23         15          41         2          12         4          12         4          12         4          12         4          12         4          12         4          12         4          13         0          14         2          17         3          17         3          11         0          11         0          11         0          11         0          11         0          11         0          11         0          11         0          11         0          11         0          11         0          11         0          11         0          11         0          11         0          11         0          11         0          111         0          111<  
  | .46         61           .17         0           .99         16           .67         2           .83         2           .11         0           .95         2           .74         4           .16         3           .81         0           .14.         3           .57         0           .81         0           .87         24           .73         26           .96         24           -         -           .34         6           .334         6   
   | .96         51           .59         0           .47         16           .64         2           .83         5           .19         0           .66         6           .91         7           .15         4           .95         0           .63         2           .58         0           .63         2           .64         3           .61         5           .64         35           .34         -           -         6           -         4           -         1           .62         3           .440         1  | .81         56           .29         17           .35         0           .34         6           .35         0           .34         6           .35         0           .34         6           .35         0           .34         6           .35         0           .72         4           .72         4           .72         4           .72         4           .72         4           .72         4           .72         4           .72         4           .72         4           .72         4           .72         4           .72         4           .72         4           .72         4           .72         4           .72         5           .75         5           .75         7           .76         6           .77         2           .76         7           .77         2           .77         2           .77  | .17 54<br>.72 0<br>.01 19<br>.45 3<br>.84 3<br>.14 0<br>.47 3<br>.77 8<br>.52 3<br>.48 0<br>.20 1<br>.24 0<br>.08 n<br>.09 99<br>.53 7<br>.74 3<br>.77 3<br>.74 3<br>.77 3<br>.74 3<br>.77 3<br>.74 3<br>.77 3<br>.73 37<br>.74 3<br>.78 3<br>.38 2<br>.38 0<br>.75 7<br>.88 1  
   | .13         71           .96         0           .83         13           .36         1           .31         .1           .22         0           .83         0           .92         2           .43         4           .57         2           .16         2           .16         0           .84         100           .79         31           .37         14           .03         10           -         .01           .01         0           .50         0           .50         0           .51         1           .63         0   
   
   
   
   
   
   
   
   
   
   | 58         66           29         0           .32         15           .08         2           .1         1           .09         0           .88         1           .47         3           .08         2           .17         1           .06         0           .01         99           .69         33           .71         9           .51         25           .69         16           .49         31           .15         .31           .888         3           .887         1   | .87         71.           .12         0.           .83         13.           .19         1.           .59         0.           .50         0.           .53         1.           .99         4.           .55         3.           .35         2.           .16         0.           .91         99.           .52         30.           .15         18.           .29         35           .87         8.           .06         0.           -         -           .73         1.           .14         -   | 31         63           ,62         17           ,62         17           ,51         2           ,48         1           ,03         0           ,64         1           ,80         3           ,22         3           ,05         2           ,06         2           ,05         7           ,05         100           ,44         22           ,02         16           ,69         29           ,61         18           ,23         2           ,24         -           ,25         5           ,46         -  | .83         5.           .48         .45           .12         .62           .62         .63           .51         .84           .36         .02           .4.         .36           .02         .4.           .36         .02           .4.         .36           .02         .4.           .36         .02           .49         9           .24         .78           .69         3           .001         -           -         .03           .29         .29  | 4.01 5<br>0.84<br>8.31 1<br>2.81<br>0.09<br>4.28<br>7.07<br>4.29<br>2.00<br>2.52<br>0.29<br>9.54 9<br>3.37 1<br>9.39<br>3.37 1<br>3.30<br>2.02<br>3.37 1<br>3.30<br>2.02<br>3.37 1<br>3.30<br>2.02<br>3.37 1<br>3.30<br>2.02<br>3.37 1<br>3.30<br>2.02<br>3.37
1<br>3.30<br>2.02<br>3.30<br>2.02<br>3.30<br>2.02<br>3.30<br>2.02<br>3.30<br>2.02<br>3.30<br>2.02<br>3.30<br>2.02<br>3.30<br>2.02<br>3.30<br>2.02<br>3.30<br>2.02<br>3.30<br>2.02<br>3.30<br>2.02<br>3.30<br>2.02<br>3.30<br>2.02<br>3.30<br>2.02<br>3.30<br>2.02<br>3.30<br>2.02<br>3.30<br>2.02<br>3.30<br>2.02<br>3.30<br>2.02<br>3.30<br>2.02<br>3.30<br>2.02<br>3.30<br>2.02<br>3.30<br>2.02<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30<br>3.30     | 8.3.0         5           0.93         -           0.90         -           1.90         -           2.19         -           2.19         -           2.19         -           1.39         -           0.21         -           1.39         -           0.6,72         -           4.14         -           1.36         -           0.626         -           9.73         9           1.06         1           3.3.11         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -   | 8.23<br>0.85<br>0.52<br>3.71<br>2.90<br>0.11<br>2.35<br>3.73<br>4.72<br>3.28<br>1.27<br>0.21<br>9.41<br>3.55<br>9.04<br>9.92<br>7.14<br>0.82<br>-<br>-<br>-<br>5.85<br>1.06   |   |  |  
   
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| sid<br>TiCC<br>Al <sub>4</sub><br>Fet<br>Fet<br>CaCC<br>CaCC<br>CaCC<br>CaCC<br>CaCC<br>CaCC<br>CaCC<br>Ca  | D2     67       D2     0       D2     0       D2     0       D2     3       D2     3       D3     0       D4     0       D5     0       D5     0       D5     0       D5     0       D6     0       D5     0       D6     0       D5     0       D6     19       D6     0       D7     0       D8     0       an 14     0       en     1       fs     5       fo     5  | .32 66<br>.41
0<br>.67 15<br>.67 1<br>.37 3<br>.06 0<br>.98 1<br>.10 2<br>.56 3<br>.36 2<br>.82 1<br>.07 0<br>.66 0<br>.45 99<br>.53 24<br>.85 17<br>.11 31<br>.99 12<br>.99 12<br>.99 12<br>  
  | 30         67         0           .67         0         .71         15           .26         1         1         2         1           .21         .2         1         1         2           .21         .2         .2         1         1           .21         .2         .08         0         .63           .63         .3         .72         .3         .95         .2           .58         .1         .23         .0         .4         .0           .44         .44         .0         .44         .44         .1           .44         .44         .44         .1         .1         .1         .1           .71         .0   
   
  | .19         66         65         0           .65         0         15         1           .53         2         1         1           .53         2         1         1           .53         2         1         1           .53         2         1         1           .54         4         1         3           .55         2         1         1           .10         99         1         1           .59         2         1         1           .59         2         15         15           .26         -         1         1           .38         29         55         15           .26         -         0         -           .21         -         0         -           .22         -         0         -         0           .42         1         -         0         -           .26         -         -         1         -   
  | .25         68           .43         0           .54         14           .21         0           .73         3           .19         0           .91         0           .04         1           .47         4           .74         3           .82         1           .09         0           .47         4           .09         0           .44         99           .01         22           .35         34           .79         7           .69         .11           .55         5           .55         5   
  | .30         68.           .38         0.           .87         14.           .42         0.           .47         3.           .06         0.           .97         0.           .70         2.           .07         3.           .28         1.           .20         0.           .57         99.           .78         3.           .07         0.           .57         99.           .78         2.           .78         2.           .79         2.           .78         2.           .79         9.           .78         24.           .33         20.           .42         30.           .98         12.           .16         0.           -         0.           .42         2.           .51         4.  | .52         55           .29         16           .29         16           .29         16           .03         3           .03         3           .03         3           .09         0           .092         3           .900         5           .57         4           .54         1           .62         2           .08         0           .10         0           .42         99           .51         2           .51         2           .51         2           .51         2           .51         2           .51         2           .51         2           .51         2           .51         2           .51         2           .51         2           .51         2           .51         2           .51         2           .51         2           .51         3           .51         3  | .43 61<br>.77 0<br>.94 17<br>.86 4<br>.56 3<br>.97 108 4<br>.56 3<br>.79 1<br>.79 1<br>.25 4<br>.10 10<br>.25 4<br>.66 0<br>.66 0<br>.66 0<br>.66 0<br>.66 0<br>.66 0<br>.66 0<br>.66 0<br>.67 95<br>.40 16<br>.50 15<br>.95 40<br>.63 .38<br>.80 4<br>.81 1<br>.50 15<br>.50 15<br>.5  | 26 59<br>66 1<br>23 15<br>41 2<br>12 4<br>016 0<br>76 2<br>52 4<br>173 3<br>21 0<br>094 3<br>094 3<br>095 1<br>094 1<br>094 1<br>096 1<br>096 1<br>094 1<br>096 1<br>094 1<br>096 1<br>094 1<br>096 1<br>094 1<br>096 1<br>094 1<br>094 1<br>096 1<br>094 1<br>094 1<br>095 1<br>094 1<br>096 1<br>094 1<br>094 1<br>096 1<br>094 1<br>094 1<br>096 1<br>094 1<br>096 1<br>094 1<br>096 1<br>094 1<br>096 1<br>096 1<br>097 1<br>094 1<br>096 1<br>097 1  
   | .46         61           .17         0           .99         16           .67         2           .83         2           .11         0           .95         2           .74         4           .16         3           .81         0           .27         4           .16         3           .81         0           .24         n           .83         10           .73         26           .73         26           .73         26           .87         1           -         -           .34         6           .94         2           .73         26  
  | .96         51.47         16.64         2.2           .47         16.64         2.2         3.4         5.6           .48.3         .5.         .5         0.1         7.7           .49         .41         .4.6         .2         .2           .49         .4.7         .4.6         .4.7         .4.7           .41         .4.7         .4.7         .4.7         .4.7           .41         .4.7         .4.7         .4.7         .4.7           .4.8         .4.7         .4.7         .4.7         .4.7           .4.6         .4.7         .4.7         .4.7         .4.7           .4.6         .4.7         .4.7         .4.7         .4.7           .4.6         .4.7         .4.7         .4.7         .4.7           .4.7         .4.7         .4.7         .4.7         .4.7           .4.7         .4.7         .4.7         .4.7         .4.7         .4.7           .4.7         .4.7         .4.7         .4.7         .4.7         .4.7           .4.7         .4.7         .4.7         .4.7         .4.7         .4.7         .4.7         .4.7         .4.7         .4.7 | 81         56           84         0           29         17           35         0           34         6           14         0           55         3           64         100           -         6           -         6           -         6           -         6           -         6           -         6           -         6           -         6           -         6           -         6           -         6           -         6           -         0           -         6           -         0           -         6           -         0           -         0           -         0           -         0           -         0           -         0           -         0           -         0           -         0           -         0           -         0           -         <                              | 117         54           1.72         00           0.01         19           0.01         14           3.84         3           .84         3           .77         8           .52         3           .24         0           .23         .20           .24         0           .53         .7           .74         .38           .77         .25           .77         .26           .77         .38           .38         2           .38         0           .75         .38           .38         2           .38         0           .75         .7           .88         1           .77         .38           .38         .38           .38         .38           .38         .38           .38         .38           .38         .38           .38         .38           .38         .38           .38         .38           .38         .38           .38         .38  
  | .13         71           .96         .0           .83         13           .36         .1           .31         .1           .22         .0           .92         .2           .43         .4           .57         .2           .16         .2           .16         .2           .12         .0           .31         .1           .79         .31           .37         14           .01         .34           .01         .34           .022         .0           .50         .0           .50         .0           .50         .31           .63         .0   
   
   
   
   
   
   
   
   
   
  | 58         66           29         0           32         15           08         2           21         1           09         0           88         1           447         3           08         2           221         1           08         1           249         2           27         29           2017         1           0.66         0           0.01         99           5.51         25           5.69         16           -         31           1.15         3.88           3.87         1  | .87         71.           .12         0.           .83         13.           .19         1.           .59         0.           .51         12.           .50         0.           .53         13.           .99         4.           .55         3.           .35         2.           .16         0.           .13         10.           .99         4.           .55         3.           .35         2.           .16         0.           .11         0.           .91         99.           .52         30.           .15         18.           .29         35.           .87         8.           .87         8.           .96         0.           .12  | 31         63           ,62         17           ,62         17           ,62         17           ,63         103           ,64         1           ,80         3           ,22         3           ,05         2           ,06         2           ,05         7           ,06         2           ,57         1           ,06         2           ,57         1           ,69         29           ,66         29           ,66         29           ,57         1           ,58         100           ,59         4           ,55         4           ,57         4           ,58         7  | .83         5.           .48         11           .18         .12           .16         .62           .63         .51           .84         .36           .02         .3.           .49         9           .224         .78           .69         3           .00         2           .01   | 4.01 5<br>0.84<br>8.31 1<br>0.09<br>4.28<br>7.07<br>4.29<br>1.59<br>0.25<br>9.54 9<br>0.25<br>9.54
9<br>0.25<br>0.25<br>0.21<br>8.13<br>0.68<br>0.30<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25<br>0.25 | 8.30         5           0.93         6.75         1           1.90         1.90         1.90           0.21         9         6.72         1.414           1.36         1.39         0.668         0.26           9.73         9         1.36         1.39         1.36           1.38         0.68         0.26         1.33         1.35           1.08         1         1.64         1.64         1.89           3.81         4.39         -         -  | 8.23         0.85         0.71         2.90         0.11         2.35         3.71         2.93         1.235         3.73         4.72         1.53         3.28         1.27         0.21         9.41         3.55         9.04         9.92         -         -         5.85         1.06         -   |   |  |  
   
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  | .12         66           .41         0           .421         0           .67         15           .67         15           .67         15           .67         16           .67         15           .67         15           .66         1           .33         26           .56         3           .36         2           .82         1           .07         0           .66         0           .53         244           .53         244           .53         24           .65         17           .11         31           .99         1           .99         1           .99         1           .99         1           .44         2           .077         3           .44         2           .90         .   
  | 30         67         0           67         0         1           7.71         15         5           26         1         1           21         2         0         0           0.20         11         0         0           6.33         3         3         3           7.20         3.95         2         1           2.358         1         1         0           0.04         0         0         0           0.04         9         100         0           7.71         15         1         1           7.44         2.44         3.17         7.71           7.71         15         1         1           7.71         15         1         1           7.71         10         1         1           7.71         10         1         1           7.71         10         1         1           7.71         10         1         1           7.71         10         1         1           7.76         2         2         2           7.76         2  
   
  | 1.19         66         65         0           6.65         0         6.1         15           7.25         1         1         5.25         1           7.53         2.2         0         0         0           9.77         0         5.8         4         7.1         3           0.02         0         0         2.21         n         1.10         99           1.10         99         -         -         -         -         -           2.59         2.11         n         9.5         2.52         1.55         2.26           -         1         -         -         1         -         -         1           -         1         -         1         -         -         1           -         1         -         -         1         -         -         -           -         1         -  
  | .25         68           .25         68           .43         0           .54         14           .21         0           .73         3           .91         0           .04         1           .47         4           .82         1           .74         3           .82         1           .09         00           .42         99           .90         22           .35         34           .77         .7           .69         .2           .11         .77           .55         .5           .55         .5   
  | .30         68.           .38         0.           .87         14.           .87         14.           .42         0.           .47         3.           .66         0.           .97         0.           .70         2.           .77         0.           .78         3.           .28         1.           .20         0.           .77         0.           .78         24.           .33         20.           .42         30.           .98         12.           .16         -           -         0.           -         0.           .42         30.           .98         12.           .16         -           -         0.           .42         2.           .51         4.           -         -  | .52         55           .29         16           .29         16           .03         3           .08         0           .92         3           .93         3           .94         .90           .55         7           .62         .2           .62         .2           .90         .5           .62         .2           .97         .8           .91         .6           .91         .5           .51         .2           .51         .2           .51         .2           .51         .2           .51         .2           .51         .2           .51         .2           .51         .2           .51         .2           .51         .2           .51         .2           .51         .2           .51         .2           .51         .2           .51         .2  | .43 61<br>.77 0<br>.94 17<br>.86 4<br>.56 3<br>.25 4<br>.25 4<br>.25 4<br>.25 4<br>.25 4<br>.25 4<br>.25 4<br>.25 4<br>.25 4<br>.25 4<br>.26 1<br>.27 0<br>.25 4<br>.26 1<br>.27 0<br>.26 1<br>.27 0<br>.28 4<br>.29 1<br>.29 1<br>.29 1<br>.20 | 26         59          23         15          23         15          12        16   
   | .46         61           .17         0           .99         16           .67         2           .83         2           .11         0           .95         2           .11         0           .74         4           .16         3           .181         0           .144         3           .57         0           .24         n           .881         100           .87         24           .79         5           .73         26           .73         26           .74         4           .84         100           .87         24           -         -           .334         6           .994         2           .94         -  
  | .96         51.1           .47         16.6           .47         16.6           .83         .5.           .19         0.1           .19         0.1           .19         0.1           .19         0.1           .15         4.           .15         4.           .61         5.           .61         5.           .64         3.3           .134         -           .62         1           .62         1           .62         1           .62         1           .64         1  | 81         56           84         0           29         17           35         0           34         6           72         4           72         4           50         5           50         5           55         3           94         1           49         3           41         0           25         0           64         100           -         6           0.64         100           -         6           -         6           -         6           -         6           0.02         0           0.34         10           .35         10           .57         29           .92         92  | 117         54           .72         00           .12         00           .41         0           .44         3           .44         3           .14         0           .77         8           .77         8           .77         8           .78         3           .20         1           .24         0           .08         n           .74         3           .77         29           .77         29           .77         29           .77         3           .77         3           .38         2           .38         0           .75         7           .88         1           -         -  
  | .13         71           .96         .0           .33         .13           .36         .1           .22         .0           .92         .2           .03         .0           .92         .2           .12         .0           .92         .2           .16         .2           .17         .11           .12         .0           .33         .4           .01         .34           .03         .0           .03         .0           .04         .0           .03         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0 <tr pailinglabaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa<="" th="" tthttp:=""><th>58         66           59         00           32         15           08         2           21         1           09         00           88         1           447         3           108         2           117         1           129         2           2117         1           106         0           .01         99           30         .69           .69         33           .71         9           .69         33           .15         .5           .88         3           .88         3           .88         3</th><th>.87         71.           .12         0.           .12         0.           .59         0.           .59         1.           .59         0.           .53         1.           .53         1.           .55         3.           .55         3.           .55         3.           .55         3.           .52         30.           .51         18.           .29         35.           .87         8.           .90         -           .73         1           .14         -           .73         1           .14         -</th><th>31         63           ,62         17           ,62         17           ,51         2           ,48         1           ,03         0           ,64         1           ,80         3           ,22         3           ,05         2           ,06         2           ,05         7           ,05         7           ,05         8           ,00         2           ,02         16           ,03         0           ,20         16           ,100         1           ,100         1           ,21         2           ,02         1           ,03         0           ,04         2           ,05         4           ,05         4           ,05         4</th><th>.83         5.48           .45         11           .45         11           .45         12           .62         .63           .51         .84           .36         .02           .43         .36           .44         .36           .43         .36           .44         .9           .24         .78           .45         .00           .46         .36           .49         .24           .78         .69           .03         .29           .01         -           -         .03           .29         .01           -         -           .03         .29</th><th>4.01 5<br/>0.84<br/>8.31 1<br/>0.09<br/>4.28<br/>7.07<br/>4.29<br/>1.59<br/>2.02<br/>0.29<br/>9.54 9<br/>3.37 1<br/>9.39<br/>-<br/>-<br/>3.10<br/>2.52<br/>-<br/>3.3.0<br/>2.52<br/>-<br/>-<br/>0.21<br/>8.13<br/>0.68<br/>-<br/>-</th><th>8.30 5<br/>0.93 4.90<br/>0.21 2.19<br/>0.22 2.19<br/>0.67 2 4.14<br/>1.36 6.72 4.14<br/>1.36 0.26<br/>9.73 9<br/>9.73 9<br/>9.73 9<br/>1.68 3.11 1<br/>3.57 1.64<br/>1.89 3.81<br/>1.89 3.81<br/>1.89 3.81</th><th>8.23         0.85         0.87         0.82         3.71         2.90         0.11         2.35         3.73         4.72         1.53         3.73         4.72         1.53         3.28         1.27         0.21         9.41         3.55         9.902         7.14         0.82         -</th></tr> <tr><th>sic<br/>TicCa<br/>Pe:<br/>Pe:<br/>Pe:<br/>Pe:<br/>Pe:<br/>Pe:<br/>Pe:<br/>Pe:<br/>Pe:<br/>Ca<br/>Sic<br/>Na,<br/>Ko<br/>Ca<br/>Sic<br/>Sic<br/>Sic<br/>Sic<br/>Sic<br/>Sic<br/>Sic<br/>Sic<br/>Sic<br/>Sic</th><th>22 67<br/>22 00<br/>23 15<br/>203 15<br/>203 00<br/>0 0 0<br/>0 0<br/>0 0<br/>0 0<br/>0 0<br/>0 0<br/>0</th><th>-122         66           -41         0           -67         15           -67         15           -67         15           -67         15           -68         10           -69         11           -7         12           -82         13           -7         14           -89         12           -69         1           -         -      -<th>30         67         0           67         0         67         0           7.7         15         5         26         1           1         21         2         2         1         1           0.8         0         0.8         0         11         0           11         0         0.63         3         95         2         5.58         1         1.23         0         0.49         100         4.49         100         4.44         4.43         1.77         16         6.71         0         -         <td< th=""><th>.19         66           .19         66           .65         0           .25         1           .53         2           .10         0           .71         3           .97         0           .58         4           .71         3           .97         0           .21         n           .10         99           .59         21           .59         25           .52         15           .52         15           .52         15           .52         15           .52         15           .52         15           .52         15           .55         25           .55         25           .56         2  <t< th=""><th>.25         68           .25         68           .43         .0           .54         14           .21         .0           .91         .0           .91         .0           .91         .0           .91         .0           .91         .0           .91         .0           .93         .0           .947         .4           .74         .3           .90         .0           .42         .99           .01         .22           .35         .34           .779         .7           .9         .7           .11         .77           .58         .2           .12         .55           .14  </th></t<><th>.30         68.           .318         0.           .42         0.           .42         0.           .47         3.           .66         0.           .97         0.           .97         0.           .70         2.           .710         2.           .720         2.   
       .731         3.           .782         3.           .782         3.           .782         24.           .782         24.           .782         24.           .782         24.           .782         24.           .782         24.           .782         24.           .783         29.           .784         20.           .984         2.           .984         2.           .994         2.           .994         2.           .994         2.           .994         2.           .994         2.           .994         2.           .994         2.           .995         2.           .994</th></th></td<><th>.52         55           .52         50           .29         16           .63         .3           .68         .03           .90         .5           .403         .3           .90         .5           .57         .4           .55         .4           .55         .4           .62         .2           .63         .3           .90         .5           .57         .4           .62         .2           .62         .2           .64         .99           .97         .8           .91         .6           .91         .6           .91         .5           .52         .23           .55         .23           .112         .7           .12         .7           .51         .1          </th><th>.43 61<br/>.94 177 00<br/>.94 177<br/>.56 27<br/>.56 27<br/>.25 4<br/>.10 10<br/>.97 2<br/>.25 4<br/>.10 10<br/>.97 2<br/>.25 4<br/>.10 10<br/>.97 2<br/>.25 4<br/>.10 10<br/>.97 2<br/>.25 4<br/>.40 11<br/>.50 7<br/>.95 4<br/>.63<br/>.38<br/>.80 4<br/>.81 1<br/><br/>.92 .62 6<br/>.92 6</th><th>.26         59           .66         1           .23         15           .41         2           .123         15           .141         2           .123         15           .141         2           .76         2           .77         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .74         4           -         -           .75         4           .75         4           .75         4           .75         4           .75         4           .75         4           .75         4           .75         4           .75         4           .75</th><th>.46         61           .17         0           .99         16           .67         2           .83         2           .11         0           .95         2           .16         3           .81         0           .14.         3           .57         0           .81         00           .87         24           .84         100           .87         3           .66         24           .73         26           .84         100           .87         3           .96         24           .96         24           .96         24           .96         24           .96         24           .934         64           .94         .94           .934         .94           .94         .94           .94         .94           .94         .94           .97         .96           .94         .94           .94         .94      <tr td=""> <tr td="">           &lt;</tr></tr></th><th>.96         51.           .59         .0.           .647         16.           .647         16.           .647         16.           .647         16.           .647         16.           .647         16.           .661         55           .632         20.           .643         28.           .643         38.           .643         35           .643         35           .335         21.           .34         -           -         4           -         1.           .622         33.           .344         -           -         6           .627         2.</th><th>81         56           84         0           29         17           35         0           34         6           14         0           72         4           50         5           394         1           41         0           25         0           64         100            6           06         0           0.02         0           0.02         0           0.02         0           0.03         10           .34         10           .55         8           .61         0.06           .02         0           .03         10           .34         10           .55         10           .57         59           .92         24</th><th>117         54           172         60           172         10           172         10           143         11           143         11           144         11           145         3           148         11           147         3           148         11           149         11           140         11           141         11           142         11           143         11           144         11           144         11           144         11           144         11           144         11           144         11           144         11           145         11           145         11           145         11           145         11           145         11           145         11           145         11           145         11           145         11           145         11           145         11      <t< th=""><th>.13         71           .96         .0           .33         .13           .36         .1           .31         .1           .32         .0           .83         .0           .34         .1           .37         .1           .57         .2           .12         .0           .83         .0           .12         .0           .84         .00           .84         .00           .84         .00           .91         .0           .01         .0           .03         .0           .22         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .31         .0               </th><th>58         66           59         00           229         2           32         15           0.08         2           21         1           0.09         0           88         1           1.229         2           2.47         3           0.08         2           1.47         3           0.08         1           1.29         2           2         1           1.49         1           1.29         2           2.17         1           0.60         0           0.01         99           0.01         99           0.01         99           0.01         99           0.01         99           0.31         1.5           .331         1.5           .388         3           .387         1           -         -           -         -           -         -           -         -           -         -           -         -           -&lt;</th><th>.87         71.           .87         71.           .12         0.           .13         13.           .19         1.           .59         0.           .50         0.           .50         0.           .53         1.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .66         0.           -         -           .30         -           .31         -           .32         -           .33         1.           .34         -           .31         -           .32         -           .33         1.           .34         -           .31         1.           .31         1.           .31         1.      <tr td=""></tr></th><th>31         63           ,24         0           ,62         17           ,62         17           ,63         1           ,03         0           ,48         1           ,03         0           ,22         3           ,05         2           ,06         2           ,05         2           ,06         2           ,05         100           ,06         2           ,04         2           ,02         16           ,03         18           ,04         2           ,05         10           ,05         10           ,05         10           ,06         2           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1</th><th>.83         5.           .48         .45           .18         .45           .45         .11           .62         .62           .63         .51           .84         .36           .02         .43           .44         .36           .02         .43           .49         9           .24         .78           .69         3           .001         -           -         .01           -         .03           .29         -           .116        16</th><th>4.01 5<br/>0.84<br/>8.31 1<br/>3.69<br/>2.81<br/>0.09<br/>2.81<br/>1.59<br/>2.02<br/>0.25<br/>9.54 9<br/>9.54 9<br/>0.25<br/>9.54 9<br/>0.25<br/>0.29<br/>3.37 1<br/>8.13<br/>3.10<br/>2.52<br/>0.28<br/>-<br/>-<br/>5.35</th><th>8.30         5           0.93         6.75         1           1.90         1.30         1.30           0.21         2         1.9           6.72         2.19         6.72           4.14         1.36         1.39           0.21         2.19         6.72           4.14         1.36         1.39           0.26         9.73         9           9.73         9         7.33.11           -         -         3.3.11           -         -         3.3.57           1.64         1.39         -           3.81         4.39         -           -         -         -           2.76         -         -</th><th>a.23         a.25         a.71         2.90         o.11         2.35        
3.73         4.72         1.53         3.73         4.72         1.53         9.41         9.04         9.904         9.904         9.904         9.904         9.904         9.55         1.06         -         -         -         -         -         5.38</th></t<></th></th></th></tr> <tr><th>sic<br/>TicCar<br/>Madu<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Salar<br/>Sa</th><th>22 67<br/>22 03 15<br/>203 15<br/>203 15<br/>003 15<br/>00 15<br/>000 15<br/>000</th><th>1,22         66           1,41         0           1,41         0           1,67         15           1,67         15           1,67         15           1,67         15           1,67         15           1,66         0           98         1           1,68         2           1,68         2           1,68         2           1,68         2           1,67         0           1,68         2           1,68         2           1,69         12           1,69         12           1,69         12           1,69         12           1,67         7           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -</th><th>30         67         0           67         0         67         0           7.71         15         5         1         1           2.21         2         1         21         2         1           2.12         2         1         1         0         0           .20         0.88         0         0         0         0           .40         0.95         2         5.58         1         0         0         0           .49         100         4         24         4.43         17         16         3         3         7         9         16         1         1         7         16         1         1         7         16         1         1         7         16         1         1         7         16         1<th>1.19         66           6.65         0           6.61         15           2.25         1           1.53         2.2           0.1         0           9.97         0           9.97         0           9.97         0           9.97         0           9.97         0           1.01         99           9.95         2.1           1.01         99           9.52         1.55           2.6         1           -         1           -         1           -         1           -         1           -         1           -         1           -         1           -         1           -         1           -         1           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -</th><th>.25         68         68           .43         .0         .54         14           .21         .0         .73         .3         .54         14           .21         .0         .73         .3         .54         .14           .21         .0         .73         .3         .14         .11         .11         .11         .14         .16         .15         .11         .15         .11         .15         .11         .15         .15         .15         .15         .15         .15         .15         .15         .15<!--</th--><th>.30         68.           .31         0.           .38         0.           .42         0.           .42         0.           .66         0.           .97         0.           .97         0.           .97         0.           .78         3.           .28         1.           .78         3.           .97         0.           .57         99.           .778         24.           .33         200.           .98         12.           .16         -           -         0.           .98         12.           .51         4.           -         0.           .90         .422           .51         4.           -         -           .51         4.           .51         4.           .51         -           .51         -           .51         -           .51         -           .72         0.</th><th>.52         55           .52         50           .52         9           .52         9           .52         29           .52         4           .03         33           .08         0           .03         39           .57         4           .62         2           .63         2           .08         0           .57         4           .62         2           .08         0           .62         2           .08         0           .42         99           .62         2           .77         8           .991         6           .991         6           .51         2           .51         2           .51         2           .51         2           .51         2           .51         2           .51         2           .51         2           .51         2           .51         2           .55         3           .75</th><th>.43 61<br/>.94 17<br/>.96 4<br/>.56 2<br/>.16 6<br/>.57 10<br/>.79 1<br/>.97 2<br/>.25 4<br/>.10 1<br/>.70 6<br/>.66 6<br/>.66 6<br/>.66 6<br/>.66 6<br/>.66 7<br/>.79 1<br/>.70 6<br/>.66 6<br/>.66 6<br/>.66 7<br/>.79 1<br/>.70 6<br/>.66 4<br/>.66 7<br/>.50 7<br/>.22 .46 1<br/>.22 .46 1<br/>.23 .46 1<br/>.24 .46</th><th>.26         59           .23         15           .41         2           .23         15           .41         2           .123         15           .41         2           .51         .41           .23         15           .41         2           .123         15           .12         .16           .76         2           .52         .4           .73         .3           .20         0.94           .33         0          
.33         0           .4.63         21           .4.63         21           .4.63         21           .59         0           .4.22         99           -         -           -         -           .3.38         7           .3.39         3.39           .3.39         3.39           .3.39         3.39           .3.39         3.39           .3.39         3.39           .3.39         3.39</th><th>.46         61           .17         0           .99         16           .67         2           .11         0           .99         16           .83         2           .11         0           .95         2           .11         0           .95         2           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .12         1           .13         0           .13         0           .13         0           .14         0           .15         0           .16         0           .17         0           .18         0           .19</th><th>.96         51.           .59         .0.           .64         2.           .83         5.           .19         0.           .66         .6.           .91         7.           .15         4.           .63         2.           .63         2.           .63         2.           .64         38.           .61         5           .64         38.           .61         5           .64         38.           .62         34           .62         34           .62         34           .62         34           .62         34           .62         34           .62         34           .62         34           .62         34           .62         34           .62         38           .63         .61           .64         .62           .62         .62           .63         .62           .64         .62           .64         .62           .64         .62</th><th>81         56           84         0           35         0           34         6           14         0           72         4           50         5           55         3           94         1           49         3           41         0           -         6           100         -           64         100           -         6           0.6         0           0.6         0           0.61         0           0.62         0           0.63         10           -         -           0.61         0           0.77         -           0.78         -           0.79         -           0.70         0           0.61         0           0.79         -           0.79         -           0.79         -           0.70         -           0.70         -           0.70         -           0.70         -           0.70</th><th>117         54           172         00           172         01           19        </th><th>.13         71           .96         .0           .33         .13           .36         .1           .31         .1           .22         .0           .92         .2           .43         .4           .57         .2           .16         .2           .17         .11           .0         .6           .0         .6           .0         .6           .0         .6           .0         .6           .0         .6           .0         .6           .0         .7           .13         .1           .22         .0           .37         14           .01         .0           .22         .0           .31         .1           .33         .1           .31         .1           .33         .1           .33         .1           .31         .1           .33         .1           .33         .1           .34         .2           .35         .1</th><th>58         66           59         00           229         0           32         15           08         2           21         1           09         0           88         1           447         3           08         2           147         3           08         2           106         0           00         0           06         33           7.71         9           5.51         25           6.69         13           3.1         1.5           8.88         3           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -</th><th>.87         71.           .12         0.           .33         13.           .19         1.           .59         0.           .59         0.           .50         0.           .53         1.           .55         3.           .55         3.           .55         3.           .55         3.           .55         2.           .51         16           .11         0.           .52         30.           .51         18.           .66         0.           .73         1           .14         -           -         -           .17         0           .13         13.</th><th>31         63           324         62           62         17           51         2           48         1           03         0           03         0           64         1           80         3           322         3           305         2           066         2           075         7           075         7           075         7           075         7           075         7           075         7           076         18           07         18           07         9           07         9           07         9           07         9           08         9           095         3           095         3           095         3           095         3           005         10           005         10           005         10           005         10           005         10           005</th><th>.83         5.           .48         .45           .45         11           .45         .12           .62         .63           .51         .84           .84         .36           .02         .4           .49         9           .24         .78           .663         .60           .663         .02           .01         -           -         .03           .29         -           -         .16           .91         .91</th><th>4.01 5<br/>0.84<br/>3.69<br/>2.81<br/>0.09<br/>2.81<br/>1.59<br/>2.02<br/>0.25<br/>9.54<br/>9.53<br/>1.59<br/>2.02<br/>3.37<br/>1<br/>9.39<br/>3.30<br/>2.52<br/>3.10<br/>0.21<br/>8.13<br/>0.68<br/>1.59<br/>2.52<br/>3.10<br/>1.59<br/>2.52<br/>3.10<br/>2.52<br/>3.10<br/>2.52<br/>3.10<br/>2.52<br/>3.10<br/>2.52<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>5.55<br/>5.55<br/>5.35<br/>1.59<br/>5.35<br/>1.59</th><th>8.30 5<br/>0.93 4<br/>1.90 1<br/>2.19 0<br/>0.21 2<br/>1.39 0<br/>0.21 2<br/>1.39 0<br/>0.24 1<br/>1.36 1<br/>3.30 0<br/>26 9<br/>7.73 9<br/>1.64 1<br/>8.04 1<br/>5.01 2<br/>3.11 1<br/>1.89 3<br/>3.81 4<br/>.39 3<br/>3.81 4<br/>.39 1<br/>2.76 1<br/>.77</th><th>8.23<br/>0.85<br/>0.85<br/>3.71<br/>2.90<br/>0.11<br/>2.35<br/>3.73<br/>4.72<br/>1.53<br/>3.28<br/>1.27<br/>0.21<br/>9.41<br/>9.92<br/>7.14<br/>9.94<br/>9.92<br/>7.14<br/>0.82<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-</th></th></th></tr> <tr><th>sint<br/>TicCont<br/>Mgg<br/>Mgg<br/>Na,<br/>Na,<br/>Na,<br/>Na,<br/>Na,<br/>Na,<br/>Na,<br/>Na,<br/>Na,<br/>Na,</th><td>2, 67, 20, 15, 20, 20, 20, 20, 30, 20, 30, 20, 30, 20, 30, 20, 30, 20, 30, 20, 30, 20, 30, 20, 30, 20, 20, 20, 20, 20, 20, 20, 20, 20, 2</td><td>1.32         66           1.41         0           1.41         0           1.67         15           1.67         15           1.37         3           1.37         3           1.37         3           1.37         3           1.37         3           1.36         3           1.36         2           1.36         2           1.36         2           1.36         2           1.36         2           1.37         3           1.36         2           1.37         3           1.36         2           1.37         3           1.36         2           1.37         3           1.36         2           1.37         3           1.48         11           1.99         12           1.69         1           -         -           -         -           -         -           9.97         1           1.78         1  </td><td>30         67         0           67         0         67         0           67         0         1         7         1           7.1         15         26         1         1           121         2         2         1         1           0.88         0         0.11         0         3           7.72         3         3.95         2         2.3         0           0.04         0         0.04         0         0         4.44         14.7           7.71         16         6.44         2.44         2.44         4.64         31         7.71         0           -        
-         -         -         -         -         -         -         -         -         -         -</td><td>1.19         66           6.65         0           6.61         15           2.25         1           1.53         2           0.1         0           9.97         0           9.97         0           2.11         1           1.10         99            0           0</td><td>.25         68           .25         68           .43         .0           .54         .14           .21         .0           .91         .0           .91         .0           .91         .0           .91         .0           .91         .0           .91         .0           .91         .0           .93         .0           .94         .1           .93         .0           .01         .22           .99         .0           .35         .34           .79         .7           .135         .34           .79         .7           .11            .42         .99           .11  <!--</td--><td>.30         68.           .318         0.           .38         7           .42         0.           .42         0.           .42         0.           .42         0.           .97         0.           .97         0.           .97         0.           .70         2.           .70         2.           .70         2.           .70         3.           .70         3.           .70         2.           .710         2.           .720         0.           .73         20.           .74         3.3           .78         2.4.           .78         2.4.           .78         2.4.           .78         2.4.           .78         2.4.           .78         2.4.           .79         2.           .78         2.           .79         2.           .71         4.           .72         0.</td><td>.52         55           .52         50           .52         9           .52         9           .52         4           .03         3           .00         0           .02         3           .03         3           .04         0           .05         1           .62         2           .08         0           .10         0           .10         0           .10         9           .51         2           .52         23           .51         2           .51         2           .51         2           .51         2           .51         2           .51         2           .51         1           .51         1           .51         1           .51         1           .51         1           .51         1           .75         5           .75         5</td><td>.43         61           .94         17           .94         17           .94         17           .66         .08           .67         .10           .97         .2           .43         .16           .97         .2           .41         .10           .70         .2           .66         .06           .40         16           .95         4.0           .40         16           .95         4.0           .95         4.0           .80         .4           .88         .2           .92         .46           .92         .44</td><td>.26         59           .46         1           .23         15           .41         2           .123         15           .41         2           .121         44           .76         2           .52         4.1           .73         3           .74         73           .73         3.3           .73         3.3           .73         3.3           .74         99           8.63         21           .71.5         4           -         -           -         -           .1.25         2           .29         4           -         -           .1.38         7           .1.39         7           .2.39         3</td><td>.46         61           .47         0           .49         16           .47         29           .48         2           .41         0           .95         2           .41         0           .95         2           .48         10           .48         100           .87         24           .87         24           .87         24           .99         6           .48         100           .87         24           .34         6           .99         24           .34         6           .34         6           .99         24           .34         6           .34         6           .34         6           .34         6           .34         6           .34         6           .34         6           .34         6           .34         6           .34         6           .34         6           .34         7           .35</td><td>.96         51.           .59         .0.           .64         2.           .64         2.           .66         .1.           .90         .66           .61         .5           .63         .2.           .63         .2.           .63         .2.           .64         .3.           .65         .99           .45         .4.           .64         .3.           .45         .4.           .45         .4.           .45         .4.           .46         .3.           .45         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.</td><td>81         56           84         0           35         0           35         0           34         6           14         0           72         4           50         5           53         6           41         0           25         0           64         100           64         100           64         100           64         100           65         8           60         0           61         0           63         10           35         10           57         10           64         100           65         10           66         10           792         24           41         0           66         1           792         24</td><td>17         54           17         54           172         00           172         00           10         19           45         3           48         3           48         3           47         3           47         3           48         0           44         3           48         0           44         3           48         0           48         0           48         0           48         0           48         0           48         0           48         0           53         7           72         24           0         9           53         7           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -</td><td>.13         71           .96         .0           .33         .13           .36         1           .31         .13           .33         .12           .83         .0           .83         .13           .36         1           .31         .1           .31         .1           .33         .1           .57         .2           .37         .14           .37         .14           .33         .10           .4.         .00           .31         .1           .33         .10           .33         .10           .33         .10           .33         .10           .33         .10           .33         .10           .22         .00           .22         .00           .31         .1           .33         .10           .34         .10           .35         .10           .36         .10           .37         .14           .38         .10           .31         .1</td><td>.58         66           .59         60           .29         00           .32         15           .08         2           .09         0           .88         1           .47         3           .69         33           .61         29           .62         33           .71         9           .69         33           .71         51           .69         33           .69         33           .61         39           .63         33           .88         3           .88         3           .88         3           .88         3           .88         3           .88         3           .88         3           .87         1           .57         3           .55         0</td><td>.87         71.           12         0.           .12         3           .33         13.           .19         1.           .59         0.           .50         0.           .53         1.           .53         3.           .53         3.           .55         3.           .55         3.           .55         3.           .55         3.           .52         30.           .15         18.           .52         30.           .52         30.           .52         30.           .52         30.           .52         30.           .52         30.           .52         30.           .52         30.           .52         30.           .52         30.           .53         1.           .54            .52            .33            .31            .31            .31            .31        </td><td>31         63           324         62           62         17           63         12           64         1           80         3           322         3           64         1           80         3           61         15           62         17           63         1005           64         1           80         3           64         1           80         3           75         1           75         1           75         1           75         1           75        
1           75         4           70         -           70         -           70         -           70         -           70         -           70         -           70         -           70         -           70         -           70         -           70         -           70         -      70         -      70</td><td>.83         5.           .48         .45           .45         11           .45         .12           .63         .51           .62         .63           .63         .51           .64         .36           .02         .36           .03         .24           .78         .69           .00         2           .01         -           -         -           .03         .29           -         -           .166         .91</td><td>4.01 5<br/>0.84<br/>8.31 1<br/>3.69<br/>2.81<br/>0.09<br/>2.81<br/>0.09<br/>2.81<br/>1.59<br/>2.02<br/>0.25<br/>9.54 9<br/>9.39<br/>3.37 1<br/>2.33<br/>0.25<br/>9.39<br/>3.37 1<br/>2.52<br/>2.02<br/>0.25<br/>9.39<br/>3.37<br/>2.52<br/>2.53<br/>3.31<br/>0.59<br/>2.55<br/>3.37<br/>2.55<br/>3.37<br/>3.37<br/>2.55<br/>3.37<br/>3.37<br/>2.55<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.57<br/>3.57<br/>3.57<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.</td><td>8.30 5<br/>0.93 4<br/>1.90 2<br/>1.90 2<br/>2.19 4<br/>0.21 2<br/>2.19 4<br/>1.36 1<br/>2.19 4<br/>1.38 4<br/>1.39 4<br/>1.06 1<br/>1.89 4<br/>1.89 4<br/></td><td>8.23         0.85         0.852         3.71         2.90         0.11         2.35         3.73         4.72         1.53         3.28         9.41         3.55         9.02         7.14         0.82         -         5.85         1.06         -         5.38         1.61</td></td></tr> <tr><th>sisis<br/>Tii<br/>All,<br/>Fee,<br/>Fee,<br/>Fee,<br/>Gaca<br/>Caca<br/>Caca<br/>Caca<br/>Caca<br/>Caca<br/>Caca<br/>Caca</th><td>22         67           22         00           202         00           203         15           203         0           203         0           203         0           203         0           203         0           203         0           203         0           203         0           203         0           203         0           203         0           203         0           203         0           204         0           205         0           203         0           204         0           205         0           203         0           204         0           205         0           204         0           205         0           204         0           205         0           205         0           206         0           207         0           208         0           209         0           200</td><td>.122         66           .41         0           .41         0           .67         15           .67         15           .67         15           .67         15           .67         15           .667         15           .667         15           .667         15           .100         2           .56         3           .36         22           .56         3           .36         62           .67         16           .67         7           .53         24           .685         17           .11         31           .99         12           .647         2           .647         2           .647         2           .647         2           .647         2           .647         2           .647         2           .647         2           .647         2           .647         2           .647         2           .647         2</td><td>.30         67         67         0           .67         0         71         15           .26         1         1         21         2           .21         .21         2         0         0           .63         .3         .72         3         0           .63         .3         .95         .2         .0           .23         .0         .0         .0         .0           .41         .24         .0         .44         .44           .44         .43         .17         .10  </td><td>1.19         66           6.65         0           6.61         15           2.25         1           1.25.3         2           2.53         0           0.97         0           .97         0           .97         0           .97         0           .97         0           .97         0           .97         0           .97         0           .97         0           .97         0           .97         0           .97         0           .98         2           .95         3           .95         3           .95         2           .95         2           .95         2           .95         2           .90         -           .90         -           .91         1           .92         -           .93         2           .94         2           .95         5</td><td>.25         68           .43         0           .43         1           .54         14           .21         0           .73         3           .73         3           .19         0           .19         0           .91         0           .41         4           .42         99           .41         74           .42         99           .00         .2           .35         34           .42         99           .42         99           .01         .2           .35         34           .479         .7           .11         .77           .58         .2           .55         .55           .55         .55           .75         .75           .25         .75           .42         .42           .75         .42           .42         .43           .43         .44           .44         .44           .45         .45           .55         .55</td><td>.30         68.           .30         60.           .38         0.           .42         0.           .47         3.           .06         0.           .70         2.           .70         2.           .71         24.           .72         2.           .73         33           .74         33.           .75         99.           .77         2.           .78         24.           .79         .71           .71         24.           .73         33           .74         3.3           .78         24.           .79         .72           .71         .74           .72         .7           .73         .7           .74         .7           .75         .7           .75         .7           .74         .7           .75         .7           .74         .7           .75         .7           .7         .7           .7         .7           .7         .7     &lt;</td><td>.52         55           .52         55           .52         29           .52         29           .52         24           .53         4           .52         4           .53         4           .52         4           .53         4           .54         1           .62         2           .63         2           .54         1           .62         2           .64         2           .61         0           .62         2           .63         2           .64         2           .65         2           .65         2           .66         2           .61         0           .62         2           .63         0           .75         55           .75         5           .75         5           .75         5           .75         5           .75         5           .75         5</td><td>-43 61<br/>-77 c ()<br/>-94 11<br/>-98 14<br/>-56
25<br/>-16 ()<br/>-79 1<br/>-70 ()<br/>-70 ()<br/>-</td><td>.26         59           .66         1           .23         15           .41         2           .123         15           .41         2           .123         15           .41         2           .52         4           .76         2           .73         3           .73         3.33           .033         0           .09         9           .4.2         99           .6.3         21           .55         4           .000         266           .15         4           .000         266           .5.8         21           .6.96         1           -         -           .3.3         7           .2.29         4           .3.30         7           .3.30         7           .3.30         7           .3.30         7           .3.30         7           .3.30         7           .3.30         7           .3.30         7           .3.30         7     &lt;</td><td>.46         61           .47         .99           .67         .2           .99         .16           .67         .2           .11         .0           .95         .2           .74         .4           .16         .3           .81         .0           .141         .3           .73         .26           .74         .4           .81         .0           .141         .3           .73         .26           .74         .4           .81         .0           .73         .4           .73         .26           .73         .26           .73         .26           .73         .26           .73         .26           .73         .26           .74         .34           .73         .26           .74         .4           .73         .26           .74         .27           .73         .26           .74         .4           .75         .77           .73         .4<!--</td--><td>.96         51           .59         .0           .647         16.           .647         16.           .647         16.           .647         16.           .647         16.           .647         16.           .647         16.           .641         19           .661         .663           .633         .2           .645         .663           .646         .0           .657         .661           .661         .5           .644         .384   &lt;</td><td>81         56           34         6           35         0           34         6           50         5           55         6           394         1           40         3           41         0           -         6           -         6           -         0           -         6           -         0</td><td>117         54           177         00           19         45           3         34           3         34           3         34           3         77           8         3           47         3           52         3           48         0           20         1           1.24         0           0.88         n           .09         99           7.53         7           .53         7           .53         7           .74         3           .77         29           .25         37           .78         3           .38         0           .775         7           .88         1           .38         0           .75         7           .83         0           .75         7           .83         0           .655         4           .19         1</td><td>.13         71           .96         .0           .33         .13           .36         1           .31         .13           .36         .1           .31         .36           .33         .12           .39         .12           .39         .12           .11         .16           .12         .0           .34         100           .37         14           .01         .34           .03         .10           .12         .0           .37         .14           .01         .34           .03         .10           .03         .10           .03         .10           .01         .13           .14         .16.3           .250         .13           .31         .1           .63         .1           .87         .1           .887         .1           .82         .2           .32         .33</td><td>58         66           59         00           229         0           32         15           08         2           211         1           09         0           88         1           447         3           08         2           449         1           29         0           60         33           71         9           69         33           71         9           51         25           69         16           -         31           15         55           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -</td><td>.87         71.           .12         0.           .33         13.           .19         1.           .59         0.           .59         0.           .50         0.           .53         1.           .55         3.           .55         3.           .55         2.           .55         3.           .55         2.           .55         3.           .52         30.           .515         18.           .29         35.           .20         35.           .73         1           .14         -           -         -           .17         1.           .23         0           .23         0           .23         0           .23         0           .24         .26</td><td>31         63           324         62           62         17           51         2           48         1           80         3           644         1           800         3           644         1           800         3           644         1           800         3           647         1           800         5           905         100           644         22           0.05         100           644         22           0.05         100           644         22           0.2         16           6.69         29           6.61         18           2.23         2           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -<!--</td--><td>.83         5.           .48         .45           .45         11           .45         .11           .45         .11           .45         .12           .63         .51           .62         .63           .63         .51           .84         .36           .02         .43           .24         .78           .669         3           .00         2           .01         -           -         .03           .229         -           .116         .91           -         .12</td><td>4.01 5<br/>0.84<br/>3.69<br/>2.81<br/>4.28<br/>7.07<br/>4.29<br/>2.02<br/>0.25<br/>2.02<br/>0.25<br/>3.37<br/>1.59<br/>5.35<br/>-<br/>-<br/>5.35<br/>-<br/>5.35</td><td>8.30 5<br/>0.93 4<br/>1.90 1<br/>1.90 2<br/>1.90 2<br/>2.19 6.72 1<br/>2.19 6.72 2<br/>1.39 0.68 0<br/>0.68 0<br/>0.26 9.73 9<br/>1.06 1<br/>1.64 1<br/>1.64 1<br/>1.64 1<br/>1.64 3<br/>1.64 1<br/>1.64 1<br/>1.64 1<br/>1.64 1<br/>1.64 1<br/>1.64 1<br/>1.64 1<br/>1.64 1<br/>1.64 0<br/>0.65 1<br/>0.65 1<br/>1.64 1<br/>1.</td><td>a.23         0.85         0.71         2.90         0.11         2.35         3.71         2.90         0.11         2.35         3.73         4.72         1.53         3.28         1.27         0.21         9.41         3.55         9.04         9.92         7.14         -      -        -      -&lt;</td></td></td></tr> <tr><th>sic<br/>TicCon<br/>Man<br/>Maga<br/>Man<br/>Mgg<br/>Maga<br/>Kg2<br/>CaCco<br/>CaCcon<br/>Naja<br/>Kg2<br/>CaCcon<br/>CaCcon<br/>Naja<br/>Kg2<br/>CaCcon<br/>Naja<br/>Naja<br/>Naja<br/>Naja<br/>Naja<br/>Naja<br/>Naja<br/>Naj</th><td>202         67           202         67           202         67           203         15           203         15           203         15           203         15           203         15           203         15           203         15           203         15           203         13           203         33</td><td>.122         66           .41         0           .41         0           .67         15           .67         15           .67         15           .67         15           .67         15           .67         16           .67         15           .67         16           .66         0           .56         3           .56         2          
.67         10           .56         3           .682         1           .67         10           .68         17           .67         11           .99         12           .669         11           .11         11           .99         12           .67         7           .7         -           .7         -           .97         1           .97         1           .97         1           .44         0           .144         0</td><td>30         67         0           67         0         67         0           67         0         1         67         0           71         15         1         1         2         1         1           121         2         0         0         0         0         0           63         3         3         7         3         9         5         2         1         1         0         <t< td=""><td>1.19         66           6.65         0           6.61         15           1.25         1           1.53         2           1.53         2           0.1         0           9.7         0           0.58         4           7.1         3           9.95         3           7.10         3.82           9.52         1.5           5.26         -           -         0           1.43         22           -         -           1.42         1           4.43         22           -         -           -         0           -         -           -         1.42           4.43         22           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -&lt;</td><td>.25         68         68           .43         .0         .54         14           .21         .0         .73         .3         .54         14           .21         .0         .73         .3         .54         14           .21         .0         .73         .3         .54         .14           .19         .0         .19         .0         .14         .14         .14         .14         .14         .14         .14         .14         .14         .14         .14         .14         .14         .14         .14         .16         .12         .20         .22         .11         .23         .14         .15         .12         .13         .14         .15         .15         .11          .15         .55         .5                                      </td><td>.30         68.           .31         0.           .38         0.           .42         0.           .47         3.           .66         0.           .97         0.           .97         0.           .97         0.           .97         0.           .97         0.           .98         1.           .78         2.           .78         2.           .78         2.           .78         2.           .78         2.           .78         2.           .78         2.           .78         2.           .78         2.           .78         2.           .78         2.           .79            .78         2.           .79            .90            .91            .92            .93            .94            .93            .94            .95        </td><td>552         55           552         60           552         29           6         552           4         30           9         3           900         55           4         3           900         5           57         4           62         23           900         557           4         10           0         08           0         08           910         6           552         23           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -</td><td>-43 61<br/>-43 61<br/>-77 62<br/>-94 17<br/>-94 17<br/>-94 17<br/>-77 -94 17<br/>-77 -94 17<br/>-77 -95<br/>-77 -13<br/>-77 -77 -13<br/>-77 -13<br/>-7</td><td>.26         59           .23         15           .41         2           .43         15           .41         2           .43         15           .41         2           .43         15           .122         4           .76         2           .52         4           .73         3.3           .73         3.3           .99         0           .99         0           .42         99           .6.5         21           .98         21           .99         0           .42         99           .53         30           .99         -           .99         -           .99         -           .99         -           .99         -           .90         20           .91         -           .92         0           .93         .93           .93         .93           .93         .93           .93         .93           .93         .93      <tr td=""></tr></td><td>.46         61           .47         0           .49         16           .49         16           .49         16           .40         .41           .41         .41           .41         .41           .41         .43           .41         .43           .41         .43           .41         .44           .43         .44           .44         .44           .44         .44           .44         .44           .44         .44           .44         .44           .45         .44           .46         .44           .47         .44           .48         .44           .44         .44           .45         .44           .46         .44           .47         .44           .48         .44           .49         .44           .41         .44           .42         .44           .43         .44           .44         .44           .45         .44           .44</td><td>.96         51           .59         .0           .647         1.6           .647         1.6           .647         1.6           .647         1.6           .661         .6           .633         .2           .641         .5           .643         .2           .643         .2           .644         .3           .645         .4           .641         .5           .641         .5           .644         .3           .35         .2           .34         .4           .62         .3           .440         1           .62         .3           .433         .2           .643         .3           .34         .2           .34         .2           .312         1           .312         .3           .312         .3           .34         .3           .35         .3           .36         .3           .37         .37</td><td>81         56           84         0           35         0           35         0           34         6           50         5           55         3           94         1           49         3           41         0           25         0           64         100           -         6           0         0           0.2         0           0.2         1           0.2         0           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.4         1           0.57         1</td><td>17         54           17         54           172         00           19         11           45         3           48         3           48         3           52         3           52         3           53         7           224         0           08         n           09         99           -53         7           -77         29           .25         37           -7         -           .38         0           .75         7           .88         1           -         -           -         -           .655         4           .37         1           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -      &lt;</td><td>.13         71           .96         .0           .83         13           .36         1           .31         .1           .32         .0           .83         .0           .36         1           .31         .1           .31         .1           .31         .1           .31         .1           .57         .2           .12         .0           .3.         .1      <t< td=""><td>.58         66           .59         66           .29         0           .32         15           .08         2           .09         0           .09
        0           .09         0           .08         1           .47         3           .08         2           .08         2           .08         2           .08         2           .08         2           .08         2           .08         2           .01         19           .69         33           .51         25           .69         16           .43         31           .55         0           .55         0               .114         0</td><td>.87         71.           .12         0.           .12         3.           .13         13.           .19         1.           .59         0.           .50         0.           .50         0.           .50         0.           .50         0.           .50         0.           .51         1.           .52         30.           .51         16           .11         0.           .52         30.           .52         30.           .52         30.           .53         1.           .52         30.           .53         1.           .54         .57           .37         1           .13  </td><td>31         63           324         62           62         17           551         2           48         1           103         0           644         1           800         3           0.55         2           22         3           0.05         2           0.05         2           0.05         7           1.05         n           .05         100           .044         22           .05         1           .05         10           .05         10           .05         2           .05         3           .05         3           .05         11           .05         3           .05         4           .05         3           .05         3           .05         3           .05         3           .05         3           .05         3           .05         3           .05         3           .05         3           .06</td></t<><td>.83         5.48           .44         11           .45         11           .45         11           .45         11           .45         11           .45         11           .45         11           .62         .63           .51         .64           .62         .63           .64         .36           .02         .24           .78         .69           .001         -           -         .003           .29         -           .16         .91           -         -           .7         .76</td><td>4.01 5<br/>0.84<br/>3.69<br/>2.81<br/>0.09<br/>4.28<br/>7.07<br/>4.29<br/>2.02<br/>0.29<br/>9.54<br/>9.39<br/>1.59<br/>3.37<br/>1.59<br/>3.37<br/>1.59<br/>3.37<br/>1.59<br/>5.35<br/>5.535<br/>5.535<br/>1.59<br/>M.</td><td>8.30 (5)<br/>0.93 (5)<br/>1.90 (2)<br/>2.19 (6)<br/>0.21 (2)<br/>2.19 (6)<br/>72 (4)<br/>1.36 (1)<br/>0.68 (1)<br/>0.68 (1)<br/>0.68 (1)<br/>0.68 (1)<br/>1.08 (1)<br/>0.68 (1)<br/>1.08 (1)<br/>1.08 (1)<br/>1.08 (1)<br/>1.08 (1)<br/>1.08 (1)<br/>1.08 (1)<br/>1.09 (1)</td><td>8.23<br/>0.85<br/>0.85<br/>3.71<br/>2.90<br/>0.11<br/>2.35<br/>3.73<br/>4.72<br/>1.53<br/>3.28<br/>1.27<br/>0.21<br/>9.41<br/>3.55<br/>9.04<br/>9.92<br/>7.14<br/>0.82<br/>-<br/>-<br/>5.88<br/>1.61<br/>-<br/>5.38<br/>1.61<br/>-<br/>5.38<br/>1.61<br/>-<br/>5.38<br/>1.61<br/>-<br/>5.38<br/>1.61<br/>-<br/>5.38<br/>1.61<br/>-<br/>5.38<br/>1.61<br/>-<br/>5.38<br/>1.62<br/>-<br/>5.38<br/>1.62<br/>-<br/>5.38<br/>1.62<br/>-<br/>5.38<br/>1.62<br/>-<br/>5.58<br/>1.64<br/>-<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5</td></td></t<></td></tr> | 58         66           59         00           32         15           08         2           21         1           09         00           88         1           447         3           108         2           117         1           129         2           2117         1           106         0           .01         99           30         .69           .69         33           .71         9           .69         33           .15         .5           .88         3           .88         3           .88         3  | .87         71.           .12         0.           .12         0.           .59         0.           .59         1.           .59         0.           .53         1.           .53         1.           .55         3.           .55         3.           .55         3.           .55         3.           .52         30.           .51         18.           .29         35.           .87         8.           .90         -           .73         1           .14         -           .73         1           .14         -  | 31         63           ,62         17           ,62         17           ,51         2           ,48         1           ,03         0           ,64         1           ,80         3           ,22         3           ,05         2           ,06         2           ,05         7           ,05         7           ,05         8           ,00         2           ,02         16           ,03         0           ,20         16           ,100         1           ,100         1           ,21         2           ,02         1           ,03         0           ,04         2           ,05         4           ,05         4           ,05         4  
   | .83         5.48           .45         11           .45         11           .45         12           .62         .63           .51         .84           .36         .02           .43         .36           .44         .36           .43         .36           .44         .9           .24         .78           .45         .00           .46         .36           .49         .24           .78         .69           .03         .29           .01         -           -         .03           .29         .01           -         -           .03         .29 | 4.01 5<br>0.84<br>8.31 1<br>0.09<br>4.28<br>7.07<br>4.29<br>1.59<br>2.02<br>0.29<br>9.54 9<br>3.37 1<br>9.39<br>-<br>-<br>3.10<br>2.52<br>-<br>3.3.0<br>2.52<br>-<br>-<br>0.21<br>8.13<br>0.68<br>-<br>-   | 8.30 5<br>0.93 4.90<br>0.21 2.19<br>0.22 2.19<br>0.67 2 4.14<br>1.36 6.72 4.14<br>1.36 0.26<br>9.73 9<br>9.73 9<br>9.73 9<br>1.68 3.11 1<br>3.57 1.64<br>1.89 3.81<br>1.89 3.81<br>1.89 3.81   | 8.23         0.85         0.87         0.82         3.71         2.90         0.11         2.35         3.73         4.72         1.53         3.73         4.72         1.53         3.28         1.27         0.21         9.41         3.55         9.902         7.14         0.82         -   
  | sic<br>TicCa<br>Pe:<br>Pe:<br>Pe:<br>Pe:<br>Pe:<br>Pe:<br>Pe:<br>Pe:<br>Pe:<br>Ca<br>Sic<br>Na,<br>Ko<br>Ca<br>Sic<br>Sic<br>Sic<br>Sic<br>Sic<br>Sic<br>Sic<br>Sic<br>Sic<br>Sic | 22 67<br>22 00<br>23 15<br>203 15<br>203 00<br>0 0 0<br>0 0<br>0 0<br>0 0<br>0 0<br>0 0<br>0 | -122         66           -41         0           -67         15           -67         15           -67         15           -67         15           -68         10           -69         11           -7         12           -82         13           -7         14           -89         12           -69         1           -         -      - <th>30         67         0           67         0         67         0           7.7         15         5         26         1           1         21         2         2         1         1           0.8         0         0.8         0         11         0           11         0         0.63         3         95         2         5.58         1         1.23         0         0.49         100         4.49         100         4.44         4.43         1.77         16         6.71         0         -         <td< th=""><th>.19         66           .19         66           .65         0           .25         1           .53         2           .10         0           .71         3           .97         0           .58         4           .71         3           .97         0           .21         n           .10         99           .59         21           .59         25           .52         15           .52         15           .52         15           .52         15           .52         15           .52         15           .52         15           .55         25           .55         25           .56         2  <t< th=""><th>.25         68           .25         68           .43         .0           .54         14           .21         .0           .91         .0           .91         .0           .91         .0           .91         .0           .91         .0           .91         .0           .93         .0           .947         .4           .74         .3           .90         .0           .42         .99           .01         .22           .35         .34           .779         .7           .9         .7           .11         .77           .58         .2           .12         .55           .14  </th></t<><th>.30         68.           .318         0.           .42         0.           .42         0.           .47         3.           .66         0.           .97         0.           .97         0.           .70         2.           .710         2.           .720         2.           .731         3.           .782         3.           .782         3.           .782         24.           .782         24.           .782         24.           .782         24.           .782         24.           .782         24.           .782         24.           .783         29.           .784         20.           .984         2.           .984         2.           .994         2.           .994         2.           .994         2.           .994         2.           .994         2.           .994         2.           .994         2.           .995         2.           .994</th></th></td<><th>.52         55           .52         50           .29         16           .63         .3           .68         .03           .90         .5           .403         .3           .90         .5           .57         .4           .55         .4           .55         .4           .62         .2           .63         .3           .90         .5           .57         .4           .62         .2           .62         .2           .64         .99           .97         .8           .91         .6           .91         .6           .91         .5           .52         .23           .55         .23           .112         .7           .12         .7           .51         .1          </th><th>.43 61<br/>.94 177 00<br/>.94 177<br/>.56 27<br/>.56 27<br/>.25 4<br/>.10 10<br/>.97 2<br/>.25 4<br/>.10 10<br/>.97 2<br/>.25 4<br/>.10 10<br/>.97 2<br/>.25 4<br/>.10 10<br/>.97 2<br/>.25 4<br/>.40 11<br/>.50 7<br/>.95 4<br/>.63<br/>.38<br/>.80 4<br/>.81 1<br/><br/>.92 .62 6<br/>.92 6</th><th>.26         59           .66         1           .23         15           .41         2           .123         15           .141         2           .123         15           .141         2           .76         2           .77         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .74         4           -         -           .75         4           .75         4           .75         4           .75         4           .75         4           .75         4           .75         4           .75         4           .75         4           .75</th><th>.46         61           .17         0           .99         16           .67         2           .83         2           .11         0           .95         2           .16         3           .81         0           .14.         3           .57         0           .81         00           .87         24           .84         100           .87         3           .66         24           .73         26           .84         100           .87         3           .96         24           .96         24           .96         24           .96         24           .96         24           .934         64           .94         .94           .934         .94           .94         .94           .94         .94           .94         .94           .97         .96           .94         .94           .94         .94      <tr td=""> <tr td="">           &lt;</tr></tr></th><th>.96         51.           .59         .0.           .647         16.           .647         16.           .647         16.           .647         16.           .647         16.           .647         16.           .661         55           .632         20.           .643         28.           .643         38.           .643         35           .643         35           .335         21.           .34         -           -         4           -         1.           .622         33.           .344         -           -         6           .627         2.</th><th>81         56           84         0           29         17           35         0           34         6           14         0           72         4           50         5           394         1           41         0           25         0           64         100            6           06         0           0.02         0           0.02         0           0.02         0           0.03         10           .34         10           .55         8           .61         0.06           .02         0           .03         10           .34         10           .55         10           .57         59           .92         24</th><th>117         54           172         60           172         10           172         10           143         11           143         11           144         11           145         3           148         11           147         3           148         11           149         11           140         11           141         11           142         11           143         11           144         11           144         11           144         11           144         11           144         11 
         144         11           144         11           145         11           145         11           145         11           145         11           145         11           145         11           145         11           145         11           145         11           145         11           145         11      <t< th=""><th>.13         71           .96         .0           .33         .13           .36         .1           .31         .1           .32         .0           .83         .0           .34         .1           .37         .1           .57         .2           .12         .0           .83         .0           .12         .0           .84         .00           .84         .00           .84         .00           .91         .0           .01         .0           .03         .0           .22         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .31         .0               </th><th>58         66           59         00           229         2           32         15           0.08         2           21         1           0.09         0           88         1           1.229         2           2.47         3           0.08         2           1.47         3           0.08         1           1.29         2           2         1           1.49         1           1.29         2           2.17         1           0.60         0           0.01         99           0.01         99           0.01         99           0.01         99           0.01         99           0.31         1.5           .331         1.5           .388         3           .387         1           -         -           -         -           -         -           -         -           -         -           -         -           -&lt;</th><th>.87         71.           .87         71.           .12         0.           .13         13.           .19         1.           .59         0.           .50         0.           .50         0.           .53         1.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .66         0.           -         -           .30         -           .31         -           .32         -           .33         1.           .34         -           .31         -           .32         -           .33         1.           .34         -           .31         1.           .31         1.           .31         1.      <tr td=""></tr></th><th>31         63           ,24         0           ,62         17           ,62         17           ,63         1           ,03         0           ,48         1           ,03         0           ,22         3           ,05         2           ,06         2           ,05         2           ,06         2           ,05         100           ,06         2           ,04         2           ,02         16           ,03         18           ,04         2           ,05         10           ,05         10           ,05         10           ,06         2           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1</th><th>.83         5.           .48         .45           .18         .45           .45         .11           .62         .62           .63         .51           .84         .36           .02         .43           .44         .36           .02         .43           .49         9           .24         .78           .69         3           .001         -           -         .01           -         .03           .29         -           .116        16</th><th>4.01 5<br/>0.84<br/>8.31 1<br/>3.69<br/>2.81<br/>0.09<br/>2.81<br/>1.59<br/>2.02<br/>0.25<br/>9.54 9<br/>9.54 9<br/>0.25<br/>9.54 9<br/>0.25<br/>0.29<br/>3.37 1<br/>8.13<br/>3.10<br/>2.52<br/>0.28<br/>-<br/>-<br/>5.35</th><th>8.30         5           0.93         6.75         1           1.90         1.30         1.30           0.21         2         1.9           6.72         2.19         6.72           4.14         1.36         1.39           0.21         2.19         6.72           4.14         1.36         1.39           0.26         9.73         9           9.73         9         7.33.11           -         -         3.3.11           -         -         3.3.57           1.64         1.39         -           3.81         4.39         -           -         -         -           2.76         -         -</th><th>a.23         a.25         a.71         2.90         o.11         2.35         3.73         4.72         1.53         3.73         4.72         1.53         9.41         9.04         9.904         9.904         9.904         9.904         9.904         9.55         1.06         -         -         -         -         -         5.38</th></t<></th></th> | 30         67         0           67         0         67         0           7.7         15         5         26         1           1         21         2         2         1         1           0.8         0         0.8         0         11         0           11         0         0.63         3         95         2         5.58         1         1.23         0         0.49         100         4.49         100         4.44         4.43         1.77         16         6.71         0         - <td< th=""><th>.19         66           .19         66           .65         0           .25         1           .53         2           .10         0           .71         3           .97         0           .58         4           .71         3           .97         0           .21         n           .10         99           .59         21           .59         25           .52         15           .52         15           .52         15           .52         15           .52         15           .52         15           .52         15           .55         25           .55         25           .56         2  <t< th=""><th>.25         68           .25         68           .43         .0           .54         14           .21         .0           .91         .0           .91         .0           .91         .0           .91         .0           .91         .0           .91         .0           .93         .0           .947         .4           .74         .3           .90         .0           .42         .99           .01         .22           .35         .34           .779         .7           .9         .7           .11         .77           .58         .2           .12         .55           .14  </th></t<><th>.30         68.           .318         0.           .42         0.           .42         0.           .47         3.           .66         0.           .97         0.           .97         0.           .70         2.           .710         2.           .720         2.           .731         3.           .782         3.           .782         3.           .782         24.           .782         24.           .782         24.           .782         24.           .782         24.           .782         24.           .782         24.           .783         29.           .784         20.           .984         2.           .984         2.           .994         2.           .994         2.           .994         2.           .994         2.           .994         2.           .994         2.           .994         2.           .995         2.           .994</th></th></td<> <th>.52         55           .52         50           .29         16           .63         .3           .68         .03           .90         .5           .403         .3           .90         .5           .57         .4           .55         .4           .55         .4           .62         .2           .63         .3           .90         .5           .57         .4           .62         .2           .62         .2           .64         .99           .97         .8           .91         .6           .91         .6           .91         .5           .52         .23           .55         .23           .112         .7           .12         .7           .51         .1          </th> <th>.43 61<br/>.94 177 00<br/>.94 177<br/>.56 27<br/>.56 27<br/>.25 4<br/>.10 10<br/>.97 2<br/>.25 4<br/>.10 10<br/>.97 2<br/>.25 4<br/>.10 10<br/>.97 2<br/>.25 4<br/>.10 10<br/>.97 2<br/>.25 4<br/>.40 11<br/>.50 7<br/>.95 4<br/>.63<br/>.38<br/>.80 4<br/>.81 1<br/><br/>.92 .62 6<br/>.92 6</th> <th>.26         59           .66         1           .23         15           .41         2           .123         15           .141         2           .123         15           .141         2           .76         2           .77         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73     
   3           .73         3           .74         4           -         -           .75         4           .75         4           .75         4           .75         4           .75         4           .75         4           .75         4           .75         4           .75         4           .75</th> <th>.46         61           .17         0           .99         16           .67         2           .83         2           .11         0           .95         2           .16         3           .81         0           .14.         3           .57         0           .81         00           .87         24           .84         100           .87         3           .66         24           .73         26           .84         100           .87         3           .96         24           .96         24           .96         24           .96         24           .96         24           .934         64           .94         .94           .934         .94           .94         .94           .94         .94           .94         .94           .97         .96           .94         .94           .94         .94      <tr td=""> <tr td="">           &lt;</tr></tr></th> <th>.96         51.           .59         .0.           .647         16.           .647         16.           .647         16.           .647         16.           .647         16.           .647         16.           .661         55           .632         20.           .643         28.           .643         38.           .643         35           .643         35           .335         21.           .34         -           -         4           -         1.           .622         33.           .344         -           -         6           .627         2.</th> <th>81         56           84         0           29         17           35         0           34         6           14         0           72         4           50         5           394         1           41         0           25         0           64         100            6           06         0           0.02         0           0.02         0           0.02         0           0.03         10           .34         10           .55         8           .61         0.06           .02         0           .03         10           .34         10           .55         10           .57         59           .92         24</th> <th>117         54           172         60           172         10           172         10           143         11           143         11           144         11           145         3           148         11           147         3           148         11           149         11           140         11           141         11           142         11           143         11           144         11           144         11           144         11           144         11           144         11           144         11           144         11           145         11           145         11           145         11           145         11           145         11           145         11           145         11           145         11           145         11           145         11           145         11      <t< th=""><th>.13         71           .96         .0           .33         .13           .36         .1           .31         .1           .32         .0           .83         .0           .34         .1           .37         .1           .57         .2           .12         .0           .83         .0           .12         .0           .84         .00           .84         .00           .84         .00           .91         .0           .01         .0           .03         .0           .22         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .31         .0               </th><th>58         66           59         00           229         2           32         15           0.08         2           21         1           0.09         0           88         1           1.229         2           2.47         3           0.08         2           1.47         3           0.08         1           1.29         2           2         1           1.49         1           1.29         2           2.17         1           0.60         0           0.01         99           0.01         99           0.01         99           0.01         99           0.01         99           0.31         1.5           .331         1.5           .388         3           .387         1           -         -           -         -           -         -           -         -           -         -           -         -           -&lt;</th><th>.87         71.           .87         71.           .12         0.           .13         13.           .19         1.           .59         0.           .50         0.           .50         0.           .53         1.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .66         0.           -         -           .30         -           .31         -           .32         -           .33         1.           .34         -           .31         -           .32         -           .33         1.           .34         -           .31         1.           .31         1.           .31         1.      <tr td=""></tr></th><th>31         63           ,24         0           ,62         17           ,62         17           ,63         1           ,03         0           ,48         1           ,03         0           ,22         3           ,05         2           ,06         2           ,05         2           ,06         2           ,05         100           ,06         2           ,04         2           ,02         16           ,03         18           ,04         2           ,05         10           ,05         10           ,05         10           ,06         2           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1</th><th>.83         5.           .48         .45           .18         .45           .45         .11           .62         .62           .63         .51           .84         .36           .02         .43           .44         .36           .02         .43           .49         9           .24         .78           .69         3           .001         -           -         .01           -         .03           .29         -           .116        16</th><th>4.01 5<br/>0.84<br/>8.31 1<br/>3.69<br/>2.81<br/>0.09<br/>2.81<br/>1.59<br/>2.02<br/>0.25<br/>9.54 9<br/>9.54 9<br/>0.25<br/>9.54 9<br/>0.25<br/>0.29<br/>3.37 1<br/>8.13<br/>3.10<br/>2.52<br/>0.28<br/>-<br/>-<br/>5.35</th><th>8.30         5           0.93         6.75         1           1.90         1.30         1.30           0.21         2         1.9           6.72         2.19         6.72           4.14         1.36         1.39           0.21         2.19         6.72           4.14         1.36         1.39           0.26         9.73         9           9.73         9         7.33.11           -         -         3.3.11           -         -         3.3.57           1.64         1.39         -           3.81         4.39         -           -         -         -           2.76         -         -</th><th>a.23         a.25         a.71         2.90         o.11         2.35         3.73         4.72         1.53         3.73         4.72         1.53         9.41         9.04         9.904         9.904         9.904         9.904         9.904         9.55         1.06         -         -         -         -         -         5.38</th></t<></th> | .19         66           .19         66           .65         0           .25         1           .53         2           .10         0           .71         3           .97         0           .58         4           .71         3           .97         0           .21         n           .10         99           .59         21           .59         25           .52         15           .52         15           .52         15           .52         15           .52         15           .52         15           .52         15           .55         25           .55         25           .56         2 <t< th=""><th>.25         68           .25         68           .43         .0           .54         14           .21         .0           .91         .0           .91         .0           .91         .0           .91         .0           .91         .0           .91         .0           .93         .0           .947         .4           .74         .3           .90         .0           .42         .99           .01         .22           .35         .34           .779         .7           .9         .7           .11         .77           .58         .2           .12         .55           .14  </th></t<> <th>.30         68.           .318         0.           .42         0.           .42         0.           .47         3.           .66         0.           .97         0.           .97         0.           .70         2.           .710         2.           .720         2.           .731         3.           .782         3.           .782         3.           .782         24.           .782         24.           .782         24.           .782         24.           .782         24.           .782         24.           .782         24.           .783         29.          
.784         20.           .984         2.           .984         2.           .994         2.           .994         2.           .994         2.           .994         2.           .994         2.           .994         2.           .994         2.           .995         2.           .994</th> | .25         68           .25         68           .43         .0           .54         14           .21         .0           .91         .0           .91         .0           .91         .0           .91         .0           .91         .0           .91         .0           .93         .0           .947         .4           .74         .3           .90         .0           .42         .99           .01         .22           .35         .34           .779         .7           .9         .7           .11         .77           .58         .2           .12         .55           .14 | .30         68.           .318         0.           .42         0.           .42         0.           .47         3.           .66         0.           .97         0.           .97         0.           .70         2.           .710         2.           .720         2.           .731         3.           .782         3.           .782         3.           .782         24.           .782         24.           .782         24.           .782         24.           .782         24.           .782         24.           .782         24.           .783         29.           .784         20.           .984         2.           .984         2.           .994         2.           .994         2.           .994         2.           .994         2.           .994         2.           .994         2.           .994         2.           .995         2.           .994 | .52         55           .52         50           .29         16           .63         .3           .68         .03           .90         .5           .403         .3           .90         .5           .57         .4           .55         .4           .55         .4           .62         .2           .63         .3           .90         .5           .57         .4           .62         .2           .62         .2           .64         .99           .97         .8           .91         .6           .91         .6           .91         .5           .52         .23           .55         .23           .112         .7           .12         .7           .51         .1 | .43 61<br>.94 177 00<br>.94 177<br>.56 27<br>.56 27<br>.25 4<br>.10 10<br>.97 2<br>.25 4<br>.10 10<br>.97 2<br>.25 4<br>.10 10<br>.97 2<br>.25 4<br>.10 10<br>.97 2<br>.25 4<br>.40 11<br>.50 7<br>.95 4<br>.63<br>.38<br>.80 4<br>.81 1<br><br>.92 .62 6<br>.92 6 | .26         59           .66         1           .23         15           .41         2           .123         15           .141         2           .123         15           .141         2           .76         2           .77         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .74         4           -         -           .75         4           .75         4           .75         4           .75         4           .75         4           .75         4           .75         4           .75         4           .75         4           .75 | .46         61           .17         0           .99         16           .67         2           .83         2           .11         0           .95         2           .16         3           .81         0           .14.         3           .57         0           .81         00           .87         24           .84         100           .87         3           .66         24           .73         26           .84         100           .87         3           .96         24           .96         24           .96         24           .96         24           .96         24           .934         64           .94         .94           .934         .94           .94         .94           .94         .94           .94         .94           .97         .96           .94         .94           .94         .94 <tr td=""> <tr td="">           &lt;</tr></tr> | .96         51.           .59         .0.           .647         16.           .647         16.           .647         16.           .647         16.           .647         16.           .647         16.           .661         55           .632         20.           .643         28.           .643         38.           .643         35           .643         35           .335         21.           .34         -           -         4           -         1.           .622         33.           .344         -           -         6           .627         2. | 81         56           84         0           29         17           35         0           34         6           14         0           72         4           50         5           394         1           41         0           25         0           64         100            6           06         0           0.02         0           0.02         0           0.02         0           0.03         10           .34         10           .55         8           .61         0.06           .02         0           .03         10           .34         10           .55         10           .57         59           .92         24 | 117         54           172         60           172         10           172         10           143         11           143         11           144         11           145         3           148         11           147         3           148         11           149         11           140         11           141         11           142         11           143         11           144         11           144         11           144         11           144         11           144         11           144         11           144         11           145         11           145         11           145         11           145         11           145         11           145         11           145         11           145         11           145         11           145         11           145         11 <t< th=""><th>.13         71           .96         .0           .33         .13           .36         .1           .31         .1           .32         .0           .83         .0           .34         .1           .37         .1           .57         .2           .12         .0           .83         .0           .12         .0           .84         .00           .84         .00           .84         .00           .91         .0           .01         .0           .03         .0           .22         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .31         .0               </th><th>58         66           59         00           229         2           32         15           0.08         2           21         1           0.09         0           88         1           1.229         2           2.47         3           0.08         2           1.47         3           0.08         1           1.29         2           2         1           1.49         1           1.29         2           2.17         1           0.60         0           0.01         99           0.01         99           0.01         99           0.01         99           0.01         99           0.31         1.5           .331         1.5           .388         3           .387         1           -         -           -         -           -         -           -         -           -         -           -         -           -&lt;</th><th>.87         71.           .87         71.           .12         0.           .13         13.           .19         1.           .59         0.           .50         0.           .50         0.           .53         1.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .66         0.           -         -           .30         -           .31         -           .32         -           .33         1.           .34         -           .31         -           .32         -           .33         1.           .34         -           .31         1.           .31         1.           .31         1.      <tr td=""></tr></th><th>31         63           ,24         0           ,62         17           ,62         17           ,63         1           ,03         0           ,48         1           ,03         0           ,22         3           ,05         2           ,06         2           ,05         2           ,06         2           ,05         100           ,06         2           ,04         2           ,02         16           ,03         18           ,04         2           ,05         10           ,05         10           ,05         10           ,06         2           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1</th><th>.83         5.           .48         .45           .18         .45           .45         .11           .62         .62           .63         .51           .84         .36           .02         .43           .44         .36           .02         .43           .49         9           .24        
.78           .69         3           .001         -           -         .01           -         .03           .29         -           .116        16</th><th>4.01 5<br/>0.84<br/>8.31 1<br/>3.69<br/>2.81<br/>0.09<br/>2.81<br/>1.59<br/>2.02<br/>0.25<br/>9.54 9<br/>9.54 9<br/>0.25<br/>9.54 9<br/>0.25<br/>0.29<br/>3.37 1<br/>8.13<br/>3.10<br/>2.52<br/>0.28<br/>-<br/>-<br/>5.35</th><th>8.30         5           0.93         6.75         1           1.90         1.30         1.30           0.21         2         1.9           6.72         2.19         6.72           4.14         1.36         1.39           0.21         2.19         6.72           4.14         1.36         1.39           0.26         9.73         9           9.73         9         7.33.11           -         -         3.3.11           -         -         3.3.57           1.64         1.39         -           3.81         4.39         -           -         -         -           2.76         -         -</th><th>a.23         a.25         a.71         2.90         o.11         2.35         3.73         4.72         1.53         3.73         4.72         1.53         9.41         9.04         9.904         9.904         9.904         9.904         9.904         9.55         1.06         -         -         -         -         -         5.38</th></t<> | .13         71           .96         .0           .33         .13           .36         .1           .31         .1           .32         .0           .83         .0           .34         .1           .37         .1           .57         .2           .12         .0           .83         .0           .12         .0           .84         .00           .84         .00           .84         .00           .91         .0           .01         .0           .03         .0           .22         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .31         .0 | 58         66           59         00           229         2           32         15           0.08         2           21         1           0.09         0           88         1           1.229         2           2.47         3           0.08         2           1.47         3           0.08         1           1.29         2           2         1           1.49         1           1.29         2           2.17         1           0.60         0           0.01         99           0.01         99           0.01         99           0.01         99           0.01         99           0.31         1.5           .331         1.5           .388         3           .387         1           -         -           -         -           -         -           -         -           -         -           -         -           -< | .87         71.           .87         71.           .12         0.           .13         13.           .19         1.           .59         0.           .50         0.           .50         0.           .53         1.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .66         0.           -         -           .30         -           .31         -           .32         -           .33         1.           .34         -           .31         -           .32         -           .33         1.           .34         -           .31         1.           .31         1.           .31         1. <tr td=""></tr> | 31         63           ,24         0           ,62         17           ,62         17           ,63         1           ,03         0           ,48         1           ,03         0           ,22         3           ,05         2           ,06         2           ,05         2           ,06         2           ,05         100           ,06         2           ,04         2           ,02         16           ,03         18           ,04         2           ,05         10           ,05         10           ,05         10           ,06         2           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1 | .83         5.           .48         .45           .18         .45           .45         .11           .62         .62           .63         .51           .84         .36           .02         .43           .44         .36           .02         .43           .49         9           .24         .78           .69         3           .001         -           -         .01           -         .03           .29         -           .116        16 | 4.01 5<br>0.84<br>8.31 1<br>3.69<br>2.81<br>0.09<br>2.81<br>1.59<br>2.02<br>0.25<br>9.54 9<br>9.54 9<br>0.25<br>9.54 9<br>0.25<br>0.29<br>3.37 1<br>8.13<br>3.10<br>2.52<br>0.28<br>-<br>-<br>5.35 | 8.30         5           0.93         6.75         1           1.90         1.30         1.30           0.21         2         1.9           6.72         2.19         6.72           4.14         1.36         1.39           0.21         2.19         6.72           4.14         1.36         1.39           0.26         9.73         9           9.73         9         7.33.11           -         -         3.3.11           -         -         3.3.57           1.64         1.39         -           3.81         4.39         -           -         -         -           2.76         -         - | a.23         a.25         a.71         2.90         o.11         2.35         3.73         4.72         1.53         3.73         4.72         1.53         9.41         9.04         9.904         9.904         9.904         9.904         9.904         9.55         1.06         -         -         -         -         -         5.38 | sic<br>TicCar<br>Madu<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Salar<br>Sa | 22 67<br>22 03 15<br>203 15<br>203 15<br>003 15<br>00 15<br>000 | 1,22         66           1,41         0           1,41         0           1,67         15           1,67         15           1,67         15           1,67         15           1,67         15           1,66         0           98         1           1,68         2           1,68         2           1,68         2           1,68         2           1,67         0           1,68         2           1,68         2           1,69         12           1,69         12           1,69         12           1,69         12           1,67         7           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -
        -           -         -           -         -           -         -           - | 30         67         0           67         0         67         0           7.71         15         5         1         1           2.21         2         1         21         2         1           2.12         2         1         1         0         0           .20         0.88         0         0         0         0           .40         0.95         2         5.58         1         0         0         0           .49         100         4         24         4.43         17         16         3         3         7         9         16         1         1         7         16         1         1         7         16         1         1         7         16         1         1         7         16         1 <th>1.19         66           6.65         0           6.61         15           2.25         1           1.53         2.2           0.1         0           9.97         0           9.97         0           9.97         0           9.97         0           9.97         0           1.01         99           9.95         2.1           1.01         99           9.52         1.55           2.6         1           -         1           -         1           -         1           -         1           -         1           -         1           -         1           -         1           -         1           -         1           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -</th> <th>.25         68         68           .43         .0         .54         14           .21         .0         .73         .3         .54         14           .21         .0         .73         .3         .54         .14           .21         .0         .73         .3         .14         .11         .11         .11         .14         .16         .15         .11         .15         .11         .15         .11         .15         .15         .15         .15         .15         .15         .15         .15         .15<!--</th--><th>.30         68.           .31         0.           .38         0.           .42         0.           .42         0.           .66         0.           .97         0.           .97         0.           .97         0.           .78         3.           .28         1.           .78         3.           .97         0.           .57         99.           .778         24.           .33         200.           .98         12.           .16         -           -         0.           .98         12.           .51         4.           -         0.           .90         .422           .51         4.           -         -           .51         4.           .51         4.           .51         -           .51         -           .51         -           .51         -           .72         0.</th><th>.52         55           .52         50           .52         9           .52         9           .52         29           .52         4           .03         33           .08         0           .03         39           .57         4           .62         2           .63         2           .08         0           .57         4           .62         2           .08         0           .62         2           .08         0           .42         99           .62         2           .77         8           .991         6           .991         6           .51         2           .51         2           .51         2           .51         2           .51         2           .51         2           .51         2           .51         2           .51         2           .51         2           .55         3           .75</th><th>.43 61<br/>.94 17<br/>.96 4<br/>.56 2<br/>.16 6<br/>.57 10<br/>.79 1<br/>.97 2<br/>.25 4<br/>.10 1<br/>.70 6<br/>.66 6<br/>.66 6<br/>.66 6<br/>.66 6<br/>.66 7<br/>.79 1<br/>.70 6<br/>.66 6<br/>.66 6<br/>.66 7<br/>.79 1<br/>.70 6<br/>.66 4<br/>.66 7<br/>.50 7<br/>.22 .46 1<br/>.22 .46 1<br/>.23 .46 1<br/>.24 .46</th><th>.26         59           .23         15           .41         2           .23         15           .41         2           .123         15           .41         2           .51         .41           .23         15           .41         2           .123         15           .12         .16           .76         2           .52         .4           .73         .3           .20         0.94           .33         0           .33         0           .4.63         21           .4.63         21           .4.63         21           .59         0           .4.22         99           -         -           -         -           .3.38         7           .3.39         3.39           .3.39         3.39           .3.39         3.39           .3.39         3.39           .3.39         3.39           .3.39         3.39</th><th>.46         61           .17         0           .99         16           .67         2           .11         0           .99         16           .83         2           .11         0           .95         2           .11         0           .95         2           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .12         1           .13         0           .13         0           .13         0           .14         0           .15         0           .16         0           .17         0           .18         0           .19</th><th>.96         51.           .59         .0.           .64         2.           .83         5.           .19         0.           .66         .6.           .91         7.           .15         4.           .63         2.           .63         2.           .63         2.           .64         38.           .61         5           .64         38.           .61         5           .64         38.           .62         34           .62         34           .62         34           .62         34           .62         34           .62         34           .62         34           .62         34           .62         34           .62         34           .62         38           .63         .61           .64         .62           .62         .62           .63         .62           .64         .62           .64         .62           .64         .62</th><th>81         56           84         0           35         0           34         6           14         0           72         4           50         5           55         3           94         1           49         3           41         0           -         6           100         -           64         100           -         6           0.6         0           0.6         0           0.61         0           0.62         0           0.63         10           -         -           0.61         0           0.77         -           0.78         -           0.79         -           0.70         0           0.61         0           0.79         -           0.79         -           0.79         -           0.70         -           0.70         -           0.70         -           0.70         -           0.70</th><th>117         54           172         00           172         01           19        </th><th>.13         71           .96         .0           .33         .13           .36         .1           .31         .1           .22         .0           .92         .2           .43         .4           .57         .2           .16         .2           .17         .11           .0         .6           .0         .6           .0         .6           .0         .6           .0         .6           .0         .6           .0         .6           .0         .7           .13         .1           .22         .0           .37         14           .01         .0           .22         .0           .31         .1           .33         .1           .31         .1           .33         .1           .33         .1           .31         .1           .33         .1           .33         .1           .34         .2           .35         .1</th><th>58         66           59         00           229         0           32         15           08         2           21         1           09         0           88         1           447         3           08         2           147         3           08         2           106         0           00         0           06         33           7.71         9           5.51         25           6.69         13           3.1         1.5           8.88         3           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -      
  -           -         -           -         -           -         -           -         -           -         -</th><th>.87         71.           .12         0.           .33         13.           .19         1.           .59         0.           .59         0.           .50         0.           .53         1.           .55         3.           .55         3.           .55         3.           .55         3.           .55         2.           .51         16           .11         0.           .52         30.           .51         18.           .66         0.           .73         1           .14         -           -         -           .17         0           .13         13.</th><th>31         63           324         62           62         17           51         2           48         1           03         0           03         0           64         1           80         3           322         3           305         2           066         2           075         7           075         7           075         7           075         7           075         7           075         7           076         18           07         18           07         9           07         9           07         9           07         9           08         9           095         3           095         3           095         3           095         3           005         10           005         10           005         10           005         10           005         10           005</th><th>.83         5.           .48         .45           .45         11           .45         .12           .62         .63           .51         .84           .84         .36           .02         .4           .49         9           .24         .78           .663         .60           .663         .02           .01         -           -         .03           .29         -           -         .16           .91         .91</th><th>4.01 5<br/>0.84<br/>3.69<br/>2.81<br/>0.09<br/>2.81<br/>1.59<br/>2.02<br/>0.25<br/>9.54<br/>9.53<br/>1.59<br/>2.02<br/>3.37<br/>1<br/>9.39<br/>3.30<br/>2.52<br/>3.10<br/>0.21<br/>8.13<br/>0.68<br/>1.59<br/>2.52<br/>3.10<br/>1.59<br/>2.52<br/>3.10<br/>2.52<br/>3.10<br/>2.52<br/>3.10<br/>2.52<br/>3.10<br/>2.52<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>5.55<br/>5.55<br/>5.35<br/>1.59<br/>5.35<br/>1.59</th><th>8.30 5<br/>0.93 4<br/>1.90 1<br/>2.19 0<br/>0.21 2<br/>1.39 0<br/>0.21 2<br/>1.39 0<br/>0.24 1<br/>1.36 1<br/>3.30 0<br/>26 9<br/>7.73 9<br/>1.64 1<br/>8.04 1<br/>5.01 2<br/>3.11 1<br/>1.89 3<br/>3.81 4<br/>.39 3<br/>3.81 4<br/>.39 1<br/>2.76 1<br/>.77</th><th>8.23<br/>0.85<br/>0.85<br/>3.71<br/>2.90<br/>0.11<br/>2.35<br/>3.73<br/>4.72<br/>1.53<br/>3.28<br/>1.27<br/>0.21<br/>9.41<br/>9.92<br/>7.14<br/>9.94<br/>9.92<br/>7.14<br/>0.82<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-</th></th> | 1.19         66           6.65         0           6.61         15           2.25         1           1.53         2.2           0.1         0           9.97         0           9.97         0           9.97         0           9.97         0           9.97         0           1.01         99           9.95         2.1           1.01         99           9.52         1.55           2.6         1           -         1           -         1           -         1           -         1           -         1           -         1           -         1           -         1           -         1           -         1           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         - | .25         68         68           .43         .0         .54         14           .21         .0         .73         .3         .54         14           .21         .0         .73         .3         .54         .14           .21         .0         .73         .3         .14         .11         .11         .11         .14         .16         .15         .11         .15         .11         .15         .11         .15         .15         .15         .15         .15         .15         .15         .15         .15 </th <th>.30         68.           .31         0.           .38         0.           .42         0.           .42         0.           .66         0.           .97         0.           .97         0.           .97         0.           .78         3.           .28         1.           .78         3.           .97         0.           .57         99.           .778         24.           .33         200.           .98         12.           .16         -           -         0.           .98         12.           .51         4.           -         0.           .90         .422           .51         4.           -         -           .51         4.           .51         4.           .51         -           .51         -           .51         -           .51         -           .72         0.</th> <th>.52         55           .52         50           .52         9           .52         9           .52         29           .52         4           .03         33           .08         0           .03         39           .57         4           .62         2           .63         2           .08         0           .57         4           .62         2           .08         0           .62         2           .08         0           .42         99           .62         2           .77         8           .991         6           .991         6           .51         2           .51         2           .51         2           .51         2           .51         2           .51         2           .51         2           .51         2           .51         2           .51         2           .55         3           .75</th> <th>.43 61<br/>.94 17<br/>.96 4<br/>.56 2<br/>.16 6<br/>.57 10<br/>.79 1<br/>.97 2<br/>.25 4<br/>.10 1<br/>.70 6<br/>.66 6<br/>.66 6<br/>.66 6<br/>.66 6<br/>.66 7<br/>.79 1<br/>.70 6<br/>.66 6<br/>.66 6<br/>.66 7<br/>.79 1<br/>.70 6<br/>.66 4<br/>.66 7<br/>.50 7<br/>.22 .46 1<br/>.22 .46 1<br/>.23 .46 1<br/>.24 .46</th> <th>.26         59           .23         15           .41         2           .23         15           .41         2           .123         15           .41         2           .51         .41           .23         15           .41         2           .123         15           .12         .16           .76         2           .52         .4           .73         .3           .20         0.94           .33         0           .33         0           .4.63         21           .4.63         21           .4.63         21           .59         0           .4.22         99           -         -           -         -           .3.38         7           .3.39         3.39           .3.39         3.39           .3.39         3.39           .3.39         3.39           .3.39         3.39           .3.39         3.39</th> <th>.46         61           .17         0           .99         16           .67         2           .11         0           .99         16           .83         2           .11         0           .95         2           .11         0           .95         2           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .12         1           .13         0           .13         0           .13         0           .14         0           .15         0           .16         0           .17         0           .18         0           .19</th> <th>.96         51.           .59         .0.           .64         2.           .83         5.           .19         0.           .66         .6.           .91         7.           .15         4.           .63         2.           .63         2.           .63         2.           .64         38.           .61         5           .64         38.           .61         5           .64         38.           .62         34           .62         34           .62         34           .62         34           .62         34           .62         34           .62         34           .62         34           .62         34           .62         34           .62         38           .63         .61           .64         .62           .62         .62           .63         .62           .64         .62           .64         .62           .64         .62</th> <th>81         56           84         0           35         0           34         6           14         0           72         4           50 
       5           55         3           94         1           49         3           41         0           -         6           100         -           64         100           -         6           0.6         0           0.6         0           0.61         0           0.62         0           0.63         10           -         -           0.61         0           0.77         -           0.78         -           0.79         -           0.70         0           0.61         0           0.79         -           0.79         -           0.79         -           0.70         -           0.70         -           0.70         -           0.70         -           0.70</th> <th>117         54           172         00           172         01           19        </th> <th>.13         71           .96         .0           .33         .13           .36         .1           .31         .1           .22         .0           .92         .2           .43         .4           .57         .2           .16         .2           .17         .11           .0         .6           .0         .6           .0         .6           .0         .6           .0         .6           .0         .6           .0         .6           .0         .7           .13         .1           .22         .0           .37         14           .01         .0           .22         .0           .31         .1           .33         .1           .31         .1           .33         .1           .33         .1           .31         .1           .33         .1           .33         .1           .34         .2           .35         .1</th> <th>58         66           59         00           229         0           32         15           08         2           21         1           09         0           88         1           447         3           08         2           147         3           08         2           106         0           00         0           06         33           7.71         9           5.51         25           6.69         13           3.1         1.5           8.88         3           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -</th> <th>.87         71.           .12         0.           .33         13.           .19         1.           .59         0.           .59         0.           .50         0.           .53         1.           .55         3.           .55         3.           .55         3.           .55         3.           .55         2.           .51         16           .11         0.           .52         30.           .51         18.           .66         0.           .73         1           .14         -           -         -           .17         0           .13         13.</th> <th>31         63           324         62           62         17           51         2           48         1           03         0           03         0           64         1           80         3           322         3           305         2           066         2           075         7           075         7           075         7           075         7           075         7           075         7           076         18           07         18           07         9           07         9           07         9           07         9           08         9           095         3           095         3           095         3           095         3           005         10           005         10           005         10           005         10           005         10           005</th> <th>.83         5.           .48         .45           .45         11           .45         .12           .62         .63           .51         .84           .84         .36           .02         .4           .49         9           .24         .78           .663         .60           .663         .02           .01         -           -         .03           .29         -           -         .16           .91         .91</th> <th>4.01 5<br/>0.84<br/>3.69<br/>2.81<br/>0.09<br/>2.81<br/>1.59<br/>2.02<br/>0.25<br/>9.54<br/>9.53<br/>1.59<br/>2.02<br/>3.37<br/>1<br/>9.39<br/>3.30<br/>2.52<br/>3.10<br/>0.21<br/>8.13<br/>0.68<br/>1.59<br/>2.52<br/>3.10<br/>1.59<br/>2.52<br/>3.10<br/>2.52<br/>3.10<br/>2.52<br/>3.10<br/>2.52<br/>3.10<br/>2.52<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>5.55<br/>5.55<br/>5.35<br/>1.59<br/>5.35<br/>1.59</th> <th>8.30 5<br/>0.93 4<br/>1.90 1<br/>2.19 0<br/>0.21 2<br/>1.39 0<br/>0.21 2<br/>1.39 0<br/>0.24 1<br/>1.36 1<br/>3.30 0<br/>26 9<br/>7.73 9<br/>1.64 1<br/>8.04 1<br/>5.01 2<br/>3.11 1<br/>1.89 3<br/>3.81 4<br/>.39 3<br/>3.81 4<br/>.39 1<br/>2.76 1<br/>.77</th> <th>8.23<br/>0.85<br/>0.85<br/>3.71<br/>2.90<br/>0.11<br/>2.35<br/>3.73<br/>4.72<br/>1.53<br/>3.28<br/>1.27<br/>0.21<br/>9.41<br/>9.92<br/>7.14<br/>9.94<br/>9.92<br/>7.14<br/>0.82<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-</th> | .30         68.           .31         0.           .38         0.           .42         0.           .42         0.           .66         0.           .97         0.           .97         0.           .97         0.           .78         3.           .28         1.           .78         3.           .97         0.           .57         99.           .778         24.           .33         200.           .98         12.           .16         -           -         0.           .98         12.           .51         4.           -         0.           .90         .422           .51         4.           -         -           .51         4.           .51         4.           .51         -           .51         -           .51         -           .51         -           .72         0. | .52         55           .52         50           .52         9           .52         9           .52         29           .52         4           .03         33           .08         0           .03         39           .57         4           .62         2           .63         2           .08         0           .57         4           .62         2           .08         0           .62         2           .08         0           .42         99           .62         2           .77         8           .991         6           .991         6           .51         2           .51         2           .51         2           .51         2           .51         2           .51         2           .51         2           .51         2           .51         2           .51         2           .55         3           .75 | .43 61<br>.94 17<br>.96 4<br>.56 2<br>.16 6<br>.57 10<br>.79 1<br>.97 2<br>.25 4<br>.10 1<br>.70 6<br>.66 6<br>.66 6<br>.66 6<br>.66 6<br>.66 7<br>.79 1<br>.70 6<br>.66 6<br>.66 6<br>.66 7<br>.79 1<br>.70 6<br>.66 4<br>.66 7<br>.50 7<br>.22 .46 1<br>.22 .46 1<br>.23 .46 1<br>.24 .46 | .26         59           .23         15           .41         2           .23         15           .41         2           .123         15           .41         2           .51         .41           .23         15           .41         2           .123         15           .12         .16           .76         2           .52         .4           .73         .3           .20         0.94           .33         0           .33         0           .4.63         21           .4.63         21           .4.63         21           .59         0           .4.22         99           -         -           -         -           .3.38         7           .3.39         3.39           .3.39         3.39           .3.39         3.39           .3.39         3.39           .3.39         3.39           .3.39         3.39 | .46         61           .17         0           .99         16           .67         2           .11         0           .99         16           .83         2           .11         0           .95         2           .11         0           .95         2           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .12         1           .13         0           .13         0           .13         0           .14         0           .15         0           .16         0           .17         0           .18         0           .19 | .96         51.           .59         .0.           .64         2.           .83         5.           .19         0.           .66         .6.           .91         7.           .15         4.           .63         2.           .63         2.           .63         2.           .64         38.           .61         5           .64         38.           .61         5           .64         38.           .62         34           .62         34           .62         34           .62         34           .62         34           .62         34           .62         34           .62         34           .62         34           .62         34           .62         38           .63         .61  
        .64         .62           .62         .62           .63         .62           .64         .62           .64         .62           .64         .62 | 81         56           84         0           35         0           34         6           14         0           72         4           50         5           55         3           94         1           49         3           41         0           -         6           100         -           64         100           -         6           0.6         0           0.6         0           0.61         0           0.62         0           0.63         10           -         -           0.61         0           0.77         -           0.78         -           0.79         -           0.70         0           0.61         0           0.79         -           0.79         -           0.79         -           0.70         -           0.70         -           0.70         -           0.70         -           0.70 | 117         54           172         00           172         01           19 | .13         71           .96         .0           .33         .13           .36         .1           .31         .1           .22         .0           .92         .2           .43         .4           .57         .2           .16         .2           .17         .11           .0         .6           .0         .6           .0         .6           .0         .6           .0         .6           .0         .6           .0         .6           .0         .7           .13         .1           .22         .0           .37         14           .01         .0           .22         .0           .31         .1           .33         .1           .31         .1           .33         .1           .33         .1           .31         .1           .33         .1           .33         .1           .34         .2           .35         .1 | 58         66           59         00           229         0           32         15           08         2           21         1           09         0           88         1           447         3           08         2           147         3           08         2           106         0           00         0           06         33           7.71         9           5.51         25           6.69         13           3.1         1.5           8.88         3           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         - | .87         71.           .12         0.           .33         13.           .19         1.           .59         0.           .59         0.           .50         0.           .53         1.           .55         3.           .55         3.           .55         3.           .55         3.           .55         2.           .51         16           .11         0.           .52         30.           .51         18.           .66         0.           .73         1           .14         -           -         -           .17         0           .13         13. | 31         63           324         62           62         17           51         2           48         1           03         0           03         0           64         1           80         3           322         3           305         2           066         2           075         7           075         7           075         7           075         7           075         7           075         7           076         18           07         18           07         9           07         9           07         9           07         9           08         9           095         3           095         3           095         3           095         3           005         10           005         10           005         10           005         10           005         10           005 | .83         5.           .48         .45           .45         11           .45         .12           .62         .63           .51         .84           .84         .36           .02         .4           .49         9           .24         .78           .663         .60           .663         .02           .01         -           -         .03           .29         -           -         .16           .91         .91 | 4.01 5<br>0.84<br>3.69<br>2.81<br>0.09<br>2.81<br>1.59<br>2.02<br>0.25<br>9.54<br>9.53<br>1.59<br>2.02<br>3.37<br>1<br>9.39<br>3.30<br>2.52<br>3.10<br>0.21<br>8.13<br>0.68<br>1.59<br>2.52<br>3.10<br>1.59<br>2.52<br>3.10<br>2.52<br>3.10<br>2.52<br>3.10<br>2.52<br>3.10<br>2.52<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>5.55<br>5.55<br>5.35<br>1.59<br>5.35<br>1.59 | 8.30 5<br>0.93 4<br>1.90 1<br>2.19 0<br>0.21 2<br>1.39 0<br>0.21 2<br>1.39 0<br>0.24 1<br>1.36 1<br>3.30 0<br>26 9<br>7.73 9<br>1.64 1<br>8.04 1<br>5.01 2<br>3.11 1<br>1.89 3<br>3.81 4<br>.39 3<br>3.81 4<br>.39 1<br>2.76 1<br>.77 | 8.23<br>0.85<br>0.85<br>3.71<br>2.90<br>0.11<br>2.35<br>3.73<br>4.72<br>1.53<br>3.28<br>1.27<br>0.21<br>9.41<br>9.92<br>7.14<br>9.94<br>9.92<br>7.14<br>0.82<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>- | sint<br>TicCont<br>Mgg<br>Mgg<br>Na,<br>Na,<br>Na,<br>Na,<br>Na,<br>Na,<br>Na,<br>Na,<br>Na,<br>Na, | 2, 67, 20, 15, 20, 20, 20, 20, 30, 20, 30, 20, 30, 20, 30, 20, 30, 20, 30, 20, 30, 20, 30, 20, 30, 20, 20, 20, 20, 20, 20, 20, 20, 20, 2 | 1.32         66           1.41         0           1.41         0           1.67         15           1.67         15           1.37         3           1.37         3           1.37         3           1.37         3           1.37         3           1.36         3           1.36         2           1.36         2           1.36         2           1.36         2           1.36         2           1.37         3           1.36         2           1.37         3           1.36         2           1.37         3           1.36         2           1.37         3           1.36         2           1.37         3           1.48         11           1.99         12           1.69         1           -         -           -         -           -         -           9.97         1           1.78         1 | 30         67         0           67         0         67         0           67         0         1         7         1           7.1         15         26         1         1           121         2         2         1         1           0.88         0         0.11         0         3           7.72         3         3.95         2         2.3         0           0.04         0         0.04         0         0         4.44         14.7           7.71         16         6.44         2.44         2.44         4.64         31         7.71         0           - | 1.19         66           6.65         0           6.61         15           2.25         1           1.53         2           0.1         0           9.97         0           9.97         0           2.11         1           1.10         99            0           0 | .25         68           .25         68           .43         .0           .54         .14           .21         .0           .91         .0           .91         .0           .91         .0           .91         .0           .91         .0           .91         .0           .91         .0           .93         .0           .94         .1           .93         .0           .01         .22           .99         .0           .35         .34           .79         .7           .135         .34           .79         .7           .11            .42         .99           .11 </td <td>.30         68.           .318         0.           .38         7           .42         0.           .42         0.           .42         0.           .42         0.           .97         0.           .97         0.           .97         0.           .70         2.           .70         2.           .70         2.           .70         3.           .70         3.           .70         2.           .710         2.           .720         0.           .73         20.           .74         3.3           .78         2.4.           .78         2.4.           .78         2.4.           .78         2.4.           .78         2.4.           .78         2.4.           .79         2.           .78         2.           .79         2.           .71         4.           .72         0.</td> <td>.52         55           .52         50           .52         9           .52         9           .52         4           .03         3           .00         0           .02      
  3           .03         3           .04         0           .05         1           .62         2           .08         0           .10         0           .10         0           .10         9           .51         2           .52         23           .51         2           .51         2           .51         2           .51         2           .51         2           .51         2           .51         1           .51         1           .51         1           .51         1           .51         1           .51         1           .75         5           .75         5</td> <td>.43         61           .94         17           .94         17           .94         17           .66         .08           .67         .10           .97         .2           .43         .16           .97         .2           .41         .10           .70         .2           .66         .06           .40         16           .95         4.0           .40         16           .95         4.0           .95         4.0           .80         .4           .88         .2           .92         .46           .92         .44</td> <td>.26         59           .46         1           .23         15           .41         2           .123         15           .41         2           .121         44           .76         2           .52         4.1           .73         3           .74         73           .73         3.3           .73         3.3           .73         3.3           .74         99           8.63         21           .71.5         4           -         -           -         -           .1.25         2           .29         4           -         -           .1.38         7           .1.39         7           .2.39         3</td> <td>.46         61           .47         0           .49         16           .47         29           .48         2           .41         0           .95         2           .41         0           .95         2           .48         10           .48         100           .87         24           .87         24           .87         24           .99         6           .48         100           .87         24           .34         6           .99         24           .34         6           .34         6           .99         24           .34         6           .34         6           .34         6           .34         6           .34         6           .34         6           .34         6           .34         6           .34         6           .34         6           .34         6           .34         7           .35</td> <td>.96         51.           .59         .0.           .64         2.           .64         2.           .66         .1.           .90         .66           .61         .5           .63         .2.           .63         .2.           .63         .2.           .64         .3.           .65         .99           .45         .4.           .64         .3.           .45         .4.           .45         .4.           .45         .4.           .46         .3.           .45         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.</td> <td>81         56           84         0           35         0           35         0           34         6           14         0           72         4           50         5           53         6           41         0           25         0           64         100           64         100           64         100           64         100           65         8           60         0           61         0           63         10           35         10           57         10           64         100           65         10           66         10           792         24           41         0           66         1           792         24</td> <td>17         54           17         54           172         00           172         00           10         19           45         3           48         3           48         3           47         3           47         3           48         0           44         3           48         0           44         3           48         0           48         0           48         0           48         0           48         0           48         0           48         0           53         7           72         24           0         9           53         7           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -</td> <td>.13         71           .96         .0           .33         .13           .36         1           .31         .13           .33         .12           .83         .0           .83         .13           .36         1           .31         .1           .31         .1           .33         .1           .57         .2           .37         .14           .37         .14           .33         .10           .4.         .00           .31         .1           .33         .10           .33         .10           .33         .10           .33         .10           .33         .10           .33         .10           .22         .00           .22         .00           .31         .1           .33         .10           .34         .10           .35         .10           .36         .10           .37         .14           .38         .10           .31         .1</td> <td>.58         66           .59         60           .29         00           .32         15           .08         2           .09         0           .88         1           .47         3           .69         33           .61         29           .62         33           .71         9           .69         33           .71         51           .69         33           .69         33           .61         39           .63         33           .88         3           .88         3           .88         3           .88         3           .88         3           .88         3           .88         3           .87         1           .57         3           .55         0</td> <td>.87         71.           12         0.           .12         3           .33         13.           .19         1.           .59         0.           .50         0.           .53         1.           .53         3.           .53         3.           .55         3.           .55         3.           .55         3.           .55         3.           .52         30.           .15         18.           .52         30.           .52         30.           .52         30.           .52         30.           .52         30.           .52         30.           .52         30.           .52         30.           .52         30.           .52         30.           .53         1.           .54            .52            .33            .31            .31            .31            .31        </td> <td>31         63           324         62           62         17           63         12           64         1           80         3           322         3           64         1           80         3           61         15           62         17           63         1005           64         1           80         3           64         1           80         3           75         1           75         1           75         1           75         1           75         1           75         4           70         -           70         -           70         -           70         -           70         -           70         -           70         -           70         -           70         -           70         -           70         -           70         -      70         -      70</td> <td>.83         5.           .48         .45           .45         11           .45         .12           .63         .51           .62         .63           .63         .51           .64         .36           .02         .36           .03         .24           .78         .69           .00         2           .01         -           -         -           .03         .29           -         -           .166         .91</td> <td>4.01 5<br/>0.84<br/>8.31 1<br/>3.69<br/>2.81<br/>0.09<br/>2.81<br/>0.09<br/>2.81<br/>1.59<br/>2.02<br/>0.25<br/>9.54 9<br/>9.39<br/>3.37 1<br/>2.33<br/>0.25<br/>9.39<br/>3.37
1<br/>2.52<br/>2.02<br/>0.25<br/>9.39<br/>3.37<br/>2.52<br/>2.53<br/>3.31<br/>0.59<br/>2.55<br/>3.37<br/>2.55<br/>3.37<br/>3.37<br/>2.55<br/>3.37<br/>3.37<br/>2.55<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.57<br/>3.57<br/>3.57<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.</td> <td>8.30 5<br/>0.93 4<br/>1.90 2<br/>1.90 2<br/>2.19 4<br/>0.21 2<br/>2.19 4<br/>1.36 1<br/>2.19 4<br/>1.38 4<br/>1.39 4<br/>1.06 1<br/>1.89 4<br/>1.89 4<br/></td> <td>8.23         0.85         0.852         3.71         2.90         0.11         2.35         3.73         4.72         1.53         3.28         9.41         3.55         9.02         7.14         0.82         -         5.85         1.06         -         5.38         1.61</td> | .30         68.           .318         0.           .38         7           .42         0.           .42         0.           .42         0.           .42         0.           .97         0.           .97         0.           .97         0.           .70         2.           .70         2.           .70         2.           .70         3.           .70         3.           .70         2.           .710         2.           .720         0.           .73         20.           .74         3.3           .78         2.4.           .78         2.4.           .78         2.4.           .78         2.4.           .78         2.4.           .78         2.4.           .79         2.           .78         2.           .79         2.           .71         4.           .72         0. | .52         55           .52         50           .52         9           .52         9           .52         4           .03         3           .00         0           .02         3           .03         3           .04         0           .05         1           .62         2           .08         0           .10         0           .10         0           .10         9           .51         2           .52         23           .51         2           .51         2           .51         2           .51         2           .51         2           .51         2           .51         1           .51         1           .51         1           .51         1           .51         1           .51         1           .75         5           .75         5 | .43         61           .94         17           .94         17           .94         17           .66         .08           .67         .10           .97         .2           .43         .16           .97         .2           .41         .10           .70         .2           .66         .06           .40         16           .95         4.0           .40         16           .95         4.0           .95         4.0           .80         .4           .88         .2           .92         .46           .92         .44 | .26         59           .46         1           .23         15           .41         2           .123         15           .41         2           .121         44           .76         2           .52         4.1           .73         3           .74         73           .73         3.3           .73         3.3           .73         3.3           .74         99           8.63         21           .71.5         4           -         -           -         -           .1.25         2           .29         4           -         -           .1.38         7           .1.39         7           .2.39         3 | .46         61           .47         0           .49         16           .47         29           .48         2           .41         0           .95         2           .41         0           .95         2           .48         10           .48         100           .87         24           .87         24           .87         24           .99         6           .48         100           .87         24           .34         6           .99         24           .34         6           .34         6           .99         24           .34         6           .34         6           .34         6           .34         6           .34         6           .34         6           .34         6           .34         6           .34         6           .34         6           .34         6           .34         7           .35 | .96         51.           .59         .0.           .64         2.           .64         2.           .66         .1.           .90         .66           .61         .5           .63         .2.           .63         .2.           .63         .2.           .64         .3.           .65         .99           .45         .4.           .64         .3.           .45         .4.           .45         .4.           .45         .4.           .46         .3.           .45         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4. | 81         56           84         0           35         0           35         0           34         6           14         0           72         4           50         5           53         6           41         0           25         0           64         100           64         100           64         100           64         100           65         8           60         0           61         0           63         10           35         10           57         10           64         100           65         10           66         10           792         24           41         0           66         1           792         24 | 17         54           17         54           172         00           172         00           10         19           45         3           48         3           48         3           47         3           47         3           48         0           44         3           48         0           44         3           48         0           48         0           48         0           48         0           48         0           48         0           48         0           53         7           72         24           0         9           53         7           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         - | .13         71           .96         .0           .33         .13           .36         1           .31         .13           .33         .12           .83         .0           .83         .13           .36         1           .31         .1           .31         .1           .33         .1           .57         .2           .37         .14           .37         .14           .33         .10           .4.         .00           .31         .1           .33         .10           .33         .10           .33         .10           .33         .10           .33         .10           .33         .10           .22         .00           .22         .00           .31         .1           .33         .10           .34         .10           .35         .10           .36         .10           .37         .14           .38         .10          
.31         .1 | .58         66           .59         60           .29         00           .32         15           .08         2           .09         0           .88         1           .47         3           .69         33           .61         29           .62         33           .71         9           .69         33           .71         51           .69         33           .69         33           .61         39           .63         33           .88         3           .88         3           .88         3           .88         3           .88         3           .88         3           .88         3           .87         1           .57         3           .55         0 | .87         71.           12         0.           .12         3           .33         13.           .19         1.           .59         0.           .50         0.           .53         1.           .53         3.           .53         3.           .55         3.           .55         3.           .55         3.           .55         3.           .52         30.           .15         18.           .52         30.           .52         30.           .52         30.           .52         30.           .52         30.           .52         30.           .52         30.           .52         30.           .52         30.           .52         30.           .53         1.           .54            .52            .33            .31            .31            .31            .31 | 31         63           324         62           62         17           63         12           64         1           80         3           322         3           64         1           80         3           61         15           62         17           63         1005           64         1           80         3           64         1           80         3           75         1           75         1           75         1           75         1           75         1           75         4           70         -           70         -           70         -           70         -           70         -           70         -           70         -           70         -           70         -           70         -           70         -           70         -      70         -      70 | .83         5.           .48         .45           .45         11           .45         .12           .63         .51           .62         .63           .63         .51           .64         .36           .02         .36           .03         .24           .78         .69           .00         2           .01         -           -         -           .03         .29           -         -           .166         .91 | 4.01 5<br>0.84<br>8.31 1<br>3.69<br>2.81<br>0.09<br>2.81<br>0.09<br>2.81<br>1.59<br>2.02<br>0.25<br>9.54 9<br>9.39<br>3.37 1<br>2.33<br>0.25<br>9.39<br>3.37 1<br>2.52<br>2.02<br>0.25<br>9.39<br>3.37<br>2.52<br>2.53<br>3.31<br>0.59<br>2.55<br>3.37<br>2.55<br>3.37<br>3.37<br>2.55<br>3.37<br>3.37<br>2.55<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.57<br>3.57<br>3.57<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5. | 8.30 5<br>0.93 4<br>1.90 2<br>1.90 2<br>2.19 4<br>0.21 2<br>2.19 4<br>1.36 1<br>2.19 4<br>1.38 4<br>1.39 4<br>1.06 1<br>1.89 4<br>1.89 4<br> | 8.23         0.85         0.852         3.71         2.90         0.11         2.35         3.73         4.72         1.53         3.28         9.41         3.55         9.02         7.14         0.82         -         5.85         1.06         -         5.38         1.61 | sisis<br>Tii<br>All,<br>Fee,<br>Fee,<br>Fee,<br>Gaca<br>Caca<br>Caca<br>Caca<br>Caca<br>Caca<br>Caca<br>Caca | 22         67           22         00           202         00           203         15           203         0           203         0           203         0           203         0           203         0           203         0           203         0           203         0           203         0           203         0           203         0           203         0           203         0           204         0           205         0           203         0           204         0           205         0           203         0           204         0           205         0           204         0           205         0           204         0           205         0           205         0           206         0           207         0           208         0           209         0           200 | .122         66           .41         0           .41         0           .67         15           .67         15           .67         15           .67         15           .67         15           .667         15           .667         15           .667         15           .100         2           .56         3           .36         22           .56         3           .36         62           .67         16           .67         7           .53         24           .685         17           .11         31           .99         12           .647         2           .647         2           .647         2           .647         2           .647         2           .647         2           .647         2           .647         2           .647         2           .647         2           .647         2           .647         2 | .30         67         67         0           .67         0         71         15           .26         1         1         21         2           .21         .21         2         0         0           .63         .3         .72         3         0           .63         .3         .95         .2         .0           .23         .0         .0         .0         .0           .41         .24         .0         .44         .44           .44         .43         .17         .10 | 1.19         66           6.65         0           6.61         15           2.25         1           1.25.3         2           2.53         0           0.97         0           .97         0           .97         0           .97         0           .97         0           .97         0           .97         0           .97         0           .97         0           .97         0           .97         0           .97         0           .98         2           .95         3           .95         3           .95         2           .95         2           .95         2           .95         2           .90         -           .90         -           .91         1           .92         -           .93         2           .94         2           .95         5 | .25         68           .43         0           .43         1           .54         14           .21         0           .73         3           .73         3           .19         0           .19         0           .91         0           .41         4           .42         99           .41         74           .42         99           .00         .2           .35         34           .42         99           .42         99           .01         .2           .35         34           .479         .7           .11         .77           .58         .2           .55         .55           .55         .55           .75         .75           .25         .75           .42         .42           .75         .42           .42         .43           .43         .44           .44         .44           .45         .45           .55         .55 | .30         68.           .30         60.           .38         0.           .42         0.           .47         3.           .06         0.           .70         2.           .70         2.           .71         24.           .72         2.           .73         33    
      .74         33.           .75         99.           .77         2.           .78         24.           .79         .71           .71         24.           .73         33           .74         3.3           .78         24.           .79         .72           .71         .74           .72         .7           .73         .7           .74         .7           .75         .7           .75         .7           .74         .7           .75         .7           .74         .7           .75         .7           .7         .7           .7         .7           .7         .7     < | .52         55           .52         55           .52         29           .52         29           .52         24           .53         4           .52         4           .53         4           .52         4           .53         4           .54         1           .62         2           .63         2           .54         1           .62         2           .64         2           .61         0           .62         2           .63         2           .64         2           .65         2           .65         2           .66         2           .61         0           .62         2           .63         0           .75         55           .75         5           .75         5           .75         5           .75         5           .75         5           .75         5 | -43 61<br>-77 c ()<br>-94 11<br>-98 14<br>-56 25<br>-16 ()<br>-79 1<br>-70 ()<br>-70 ()<br>- | .26         59           .66         1           .23         15           .41         2           .123         15           .41         2           .123         15           .41         2           .52         4           .76         2           .73         3           .73         3.33           .033         0           .09         9           .4.2         99           .6.3         21           .55         4           .000         266           .15         4           .000         266           .5.8         21           .6.96         1           -         -           .3.3         7           .2.29         4           .3.30         7           .3.30         7           .3.30         7           .3.30         7           .3.30         7           .3.30         7           .3.30         7           .3.30         7           .3.30         7     < | .46         61           .47         .99           .67         .2           .99         .16           .67         .2           .11         .0           .95         .2           .74         .4           .16         .3           .81         .0           .141         .3           .73         .26           .74         .4           .81         .0           .141         .3           .73         .26           .74         .4           .81         .0           .73         .4           .73         .26           .73         .26           .73         .26           .73         .26           .73         .26           .73         .26           .74         .34           .73         .26           .74         .4           .73         .26           .74         .27           .73         .26           .74         .4           .75         .77           .73         .4 </td <td>.96         51           .59         .0           .647         16.           .647         16.           .647         16.           .647         16.           .647         16.           .647         16.           .647         16.           .641         19           .661         .663           .633         .2           .645         .663           .646         .0           .657         .661           .661         .5           .644         .384   &lt;</td> <td>81         56           34         6           35         0           34         6           50         5           55         6           394         1           40         3           41         0           -         6           -         6           -         0           -         6           -         0</td> <td>117         54           177         00           19         45           3         34           3         34           3         34           3         77           8         3           47         3           52         3           48         0           20         1           1.24         0           0.88         n           .09         99           7.53         7           .53         7           .53         7           .74         3           .77         29           .25         37           .78         3           .38         0           .775         7           .88         1           .38         0           .75         7           .83         0           .75         7           .83         0           .655         4           .19         1</td> <td>.13         71           .96         .0           .33         .13           .36         1           .31         .13           .36         .1           .31         .36           .33         .12           .39         .12           .39         .12           .11         .16           .12         .0           .34         100           .37         14           .01         .34           .03         .10           .12         .0           .37         .14           .01         .34           .03         .10           .03         .10           .03         .10           .01         .13           .14         .16.3           .250         .13           .31         .1           .63         .1           .87         .1           .887         .1           .82         .2           .32         .33</td> <td>58         66           59         00           229         0           32         15           08         2           211         1           09         0           88         1           447         3           08         2           449         1           29         0           60         33           71         9           69         33           71         9           51         25           69         16           -         31           15         55           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -</td> <td>.87         71.           .12         0.           .33         13.           .19         1.           .59         0.           .59         0.           .50         0.           .53         1.           .55         3.           .55         3.           .55         2.           .55         3.           .55         2.           .55         3.           .52         30.           .515         18.           .29         35.           .20         35.           .73         1           .14         -           -         -           .17         1.           .23         0           .23         0           .23         0           .23         0           .24         .26</td> <td>31         63           324         62           62         17           51         2           48         1           80         3           644         1           800         3           644         1           800         3           644         1           800         3           647         1           800         5           905         100           644         22           0.05         100           644         22           0.05         100           644         22           0.2         16           6.69         29           6.61         18           2.23         2           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -<!--</td--><td>.83         5.           .48         .45           .45         11           .45         .11           .45         .11           .45         .12           .63         .51           .62         .63           .63         .51           .84         .36           .02         .43           .24         .78           .669         3           .00         2           .01         -           -         .03           .229         -           .116         .91           -         .12</td><td>4.01 5<br/>0.84<br/>3.69<br/>2.81<br/>4.28<br/>7.07<br/>4.29<br/>2.02<br/>0.25<br/>2.02<br/>0.25<br/>3.37<br/>1.59<br/>5.35<br/>-<br/>-<br/>5.35<br/>-<br/>5.35</td><td>8.30 5<br/>0.93 4<br/>1.90 1<br/>1.90 2<br/>1.90 2<br/>2.19 6.72 1<br/>2.19 6.72 2<br/>1.39 0.68 0<br/>0.68 0<br/>0.26 9.73 9<br/>1.06 1<br/>1.64 1<br/>1.64 1<br/>1.64 1<br/>1.64 3<br/>1.64 1<br/>1.64 1<br/>1.64 1<br/>1.64 1<br/>1.64 1<br/>1.64 1<br/>1.64 1<br/>1.64 1<br/>1.64 0<br/>0.65 1<br/>0.65 1<br/>1.64 1<br/>1.</td><td>a.23         0.85         0.71         2.90         0.11         2.35         3.71         2.90         0.11         2.35         3.73         4.72         1.53         3.28         1.27         0.21         9.41         3.55         9.04         9.92         7.14         -      -        -      -&lt;</td></td> | .96         51           .59         .0
          .647         16.           .647         16.           .647         16.           .647         16.           .647         16.           .647         16.           .647         16.           .641         19           .661         .663           .633         .2           .645         .663           .646         .0           .657         .661           .661         .5           .644         .384   < | 81         56           34         6           35         0           34         6           50         5           55         6           394         1           40         3           41         0           -         6           -         6           -         0           -         6           -         0 | 117         54           177         00           19         45           3         34           3         34           3         34           3         77           8         3           47         3           52         3           48         0           20         1           1.24         0           0.88         n           .09         99           7.53         7           .53         7           .53         7           .74         3           .77         29           .25         37           .78         3           .38         0           .775         7           .88         1           .38         0           .75         7           .83         0           .75         7           .83         0           .655         4           .19         1 | .13         71           .96         .0           .33         .13           .36         1           .31         .13           .36         .1           .31         .36           .33         .12           .39         .12           .39         .12           .11         .16           .12         .0           .34         100           .37         14           .01         .34           .03         .10           .12         .0           .37         .14           .01         .34           .03         .10           .03         .10           .03         .10           .01         .13           .14         .16.3           .250         .13           .31         .1           .63         .1           .87         .1           .887         .1           .82         .2           .32         .33 | 58         66           59         00           229         0           32         15           08         2           211         1           09         0           88         1           447         3           08         2           449         1           29         0           60         33           71         9           69         33           71         9           51         25           69         16           -         31           15         55           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         - | .87         71.           .12         0.           .33         13.           .19         1.           .59         0.           .59         0.           .50         0.           .53         1.           .55         3.           .55         3.           .55         2.           .55         3.           .55         2.           .55         3.           .52         30.           .515         18.           .29         35.           .20         35.           .73         1           .14         -           -         -           .17         1.           .23         0           .23         0           .23         0           .23         0           .24         .26 | 31         63           324         62           62         17           51         2           48         1           80         3           644         1           800         3           644         1           800         3           644         1           800         3           647         1           800         5           905         100           644         22           0.05         100           644         22           0.05         100           644         22           0.2         16           6.69         29           6.61         18           2.23         2           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         - </td <td>.83         5.           .48         .45           .45         11           .45         .11           .45         .11           .45         .12           .63         .51           .62         .63           .63         .51           .84         .36           .02         .43           .24         .78           .669         3           .00         2           .01         -           -         .03           .229         -           .116         .91           -         .12</td> <td>4.01 5<br/>0.84<br/>3.69<br/>2.81<br/>4.28<br/>7.07<br/>4.29<br/>2.02<br/>0.25<br/>2.02<br/>0.25<br/>3.37<br/>1.59<br/>5.35<br/>-<br/>-<br/>5.35<br/>-<br/>5.35</td> <td>8.30 5<br/>0.93 4<br/>1.90 1<br/>1.90 2<br/>1.90 2<br/>2.19 6.72 1<br/>2.19 6.72 2<br/>1.39 0.68 0<br/>0.68 0<br/>0.26 9.73 9<br/>1.06 1<br/>1.64 1<br/>1.64 1<br/>1.64 1<br/>1.64 3<br/>1.64 1<br/>1.64 1<br/>1.64 1<br/>1.64 1<br/>1.64 1<br/>1.64 1<br/>1.64 1<br/>1.64 1<br/>1.64 0<br/>0.65 1<br/>0.65 1<br/>1.64 1<br/>1.</td> <td>a.23         0.85         0.71         2.90         0.11         2.35         3.71         2.90         0.11         2.35         3.73         4.72         1.53         3.28         1.27         0.21         9.41         3.55         9.04         9.92         7.14         -      -        -      -&lt;</td> | .83         5.           .48         .45           .45         11           .45         .11           .45         .11           .45         .12           .63         .51           .62         .63           .63         .51           .84         .36           .02         .43           .24         .78           .669         3           .00         2           .01         -           -         .03           .229         -           .116         .91           -         .12 | 4.01 5<br>0.84<br>3.69<br>2.81<br>4.28<br>7.07<br>4.29<br>2.02<br>0.25<br>2.02<br>0.25<br>3.37<br>1.59<br>5.35<br>-<br>-<br>5.35<br>-<br>5.35 | 8.30 5<br>0.93 4<br>1.90 1<br>1.90 2<br>1.90 2<br>2.19 6.72 1<br>2.19 6.72 2<br>1.39 0.68 0<br>0.68 0<br>0.26 9.73 9<br>1.06 1<br>1.64 1<br>1.64 1<br>1.64 1<br>1.64 3<br>1.64 1<br>1.64 1<br>1.64 1<br>1.64 1<br>1.64 1<br>1.64 1<br>1.64 1<br>1.64 1<br>1.64 0<br>0.65 1<br>0.65 1<br>1.64 1<br>1. | a.23         0.85         0.71         2.90         0.11         2.35         3.71         2.90         0.11         2.35         3.73         4.72         1.53         3.28         1.27         0.21         9.41         3.55         9.04         9.92         7.14         -      -        -      -< | sic<br>TicCon<br>Man<br>Maga<br>Man<br>Mgg<br>Maga<br>Kg2<br>CaCco<br>CaCcon<br>Naja<br>Kg2<br>CaCcon<br>CaCcon<br>Naja<br>Kg2<br>CaCcon<br>Naja<br>Naja<br>Naja<br>Naja<br>Naja<br>Naja<br>Naja<br>Naj | 202         67           202         67           202         67           203         15           203         15           203         15           203         15           203         15           203         15           203         15           203         15           203         13           203         33 | .122         66           .41         0           .41         0           .67         15           .67         15           .67         15           .67         15           .67         15           .67         16           .67         15           .67         16           .66         0           .56         3           .56         2           .67         10           .56         3           .682         1           .67         10           .68         17           .67         11           .99         12           .669         11           .11         11           .99         12           .67         7           .7         -           .7         -           .97         1           .97         1           .97         1           .44         0     
     .144         0 | 30         67         0           67         0         67         0           67         0         1         67         0           71         15         1         1         2         1         1           121         2         0         0         0         0         0           63         3         3         7         3         9         5         2         1         1         0 <t< td=""><td>1.19         66           6.65         0           6.61         15           1.25         1           1.53         2           1.53         2           0.1         0           9.7         0           0.58         4           7.1         3           9.95         3           7.10         3.82           9.52         1.5           5.26         -           -         0           1.43         22           -         -           1.42         1           4.43         22           -         -           -         0           -         -           -         1.42           4.43         22           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -&lt;</td><td>.25         68         68           .43         .0         .54         14           .21         .0         .73         .3         .54         14           .21         .0         .73         .3         .54         14           .21         .0         .73         .3         .54         .14           .19         .0         .19         .0         .14         .14         .14         .14         .14         .14         .14         .14         .14         .14         .14         .14         .14         .14         .14         .16         .12         .20         .22         .11         .23         .14         .15         .12         .13         .14         .15         .15         .11          .15         .55         .5                                      </td><td>.30         68.           .31         0.           .38         0.           .42         0.           .47         3.           .66         0.           .97         0.           .97         0.           .97         0.           .97         0.           .97         0.           .98         1.           .78         2.           .78         2.           .78         2.           .78         2.           .78         2.           .78         2.           .78         2.           .78         2.           .78         2.           .78         2.           .78         2.           .79            .78         2.           .79            .90            .91            .92            .93            .94            .93            .94            .95        </td><td>552         55           552         60           552         29           6         552           4         30           9         3           900         55           4         3           900         5           57         4           62         23           900         557           4         10           0         08           0         08           910         6           552         23           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -</td><td>-43 61<br/>-43 61<br/>-77 62<br/>-94 17<br/>-94 17<br/>-94 17<br/>-77 -94 17<br/>-77 -94 17<br/>-77 -95<br/>-77 -13<br/>-77 -77 -13<br/>-77 -13<br/>-7</td><td>.26         59           .23         15           .41         2           .43         15           .41         2           .43         15           .41         2           .43         15           .122         4           .76         2           .52         4           .73         3.3           .73         3.3           .99         0           .99         0           .42         99           .6.5         21           .98         21           .99         0           .42         99           .53         30           .99         -           .99         -           .99         -           .99         -           .99         -           .90         20           .91         -           .92         0           .93         .93           .93         .93           .93         .93           .93         .93           .93         .93      <tr td=""></tr></td><td>.46         61           .47         0           .49         16           .49         16           .49         16           .40         .41           .41         .41           .41         .41           .41         .43           .41         .43           .41         .43           .41         .44           .43         .44           .44         .44           .44         .44           .44         .44           .44         .44           .44         .44           .45         .44           .46         .44           .47         .44           .48         .44           .44         .44           .45         .44           .46         .44           .47         .44           .48         .44           .49         .44           .41         .44           .42         .44           .43         .44           .44         .44           .45         .44           .44</td><td>.96         51           .59         .0           .647         1.6           .647         1.6           .647         1.6           .647         1.6           .661         .6           .633         .2           .641         .5           .643         .2           .643         .2           .644         .3           .645         .4           .641         .5           .641         .5           .644         .3           .35         .2           .34         .4           .62         .3           .440         1           .62         .3           .433         .2           .643         .3           .34         .2           .34         .2           .312         1           .312         .3           .312         .3           .34         .3           .35         .3           .36         .3           .37         .37</td><td>81         56           84         0           35         0           35         0           34         6           50         5           55         3           94         1           49         3           41         0           25         0           64         100           -         6           0         0           0.2         0           0.2         1           0.2         0           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.4         1           0.57         1</td><td>17         54           17         54           172         00           19         11           45         3           48         3           48         3           52         3           52         3           53         7           224         0           08         n           09         99           -53         7           -77         29           .25         37           -7         -           .38         0           .75         7           .88         1           -         -           -         -           .655         4           .37         1           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -      &lt;</td><td>.13         71           .96         .0           .83         13           .36         1           .31         .1           .32         .0           .83         .0           .36         1           .31         .1           .31         .1           .31         .1           .31         .1           .57         .2           .12         .0           .3.         .1      <t< td=""><td>.58         66           .59         66           .29         0           .32         15           .08         2           .09         0           .09         0           .09         0           .08         1           .47         3           .08         2           .08         2           .08         2           .08         2           .08         2           .08         2           .08         2           .01         19           .69         33           .51         25           .69         16           .43         31           .55         0           .55         0  
            .114         0</td><td>.87         71.           .12         0.           .12         3.           .13         13.           .19         1.           .59         0.           .50         0.           .50         0.           .50         0.           .50         0.           .50         0.           .51         1.           .52         30.           .51         16           .11         0.           .52         30.           .52         30.           .52         30.           .53         1.           .52         30.           .53         1.           .54         .57           .37         1           .13  </td><td>31         63           324         62           62         17           551         2           48         1           103         0           644         1           800         3           0.55         2           22         3           0.05         2           0.05         2           0.05         7           1.05         n           .05         100           .044         22           .05         1           .05         10           .05         10           .05         2           .05         3           .05         3           .05         11           .05         3           .05         4           .05         3           .05         3           .05         3           .05         3           .05         3           .05         3           .05         3           .05         3           .05         3           .06</td></t<><td>.83         5.48           .44         11           .45         11           .45         11           .45         11           .45         11           .45         11           .45         11           .62         .63           .51         .64           .62         .63           .64         .36           .02         .24           .78         .69           .001         -           -         .003           .29         -           .16         .91           -         -           .7         .76</td><td>4.01 5<br/>0.84<br/>3.69<br/>2.81<br/>0.09<br/>4.28<br/>7.07<br/>4.29<br/>2.02<br/>0.29<br/>9.54<br/>9.39<br/>1.59<br/>3.37<br/>1.59<br/>3.37<br/>1.59<br/>3.37<br/>1.59<br/>5.35<br/>5.535<br/>5.535<br/>1.59<br/>M.</td><td>8.30 (5)<br/>0.93 (5)<br/>1.90 (2)<br/>2.19 (6)<br/>0.21 (2)<br/>2.19 (6)<br/>72 (4)<br/>1.36 (1)<br/>0.68 (1)<br/>0.68 (1)<br/>0.68 (1)<br/>0.68 (1)<br/>1.08 (1)<br/>0.68 (1)<br/>1.08 (1)<br/>1.08 (1)<br/>1.08 (1)<br/>1.08 (1)<br/>1.08 (1)<br/>1.08 (1)<br/>1.09 (1)</td><td>8.23<br/>0.85<br/>0.85<br/>3.71<br/>2.90<br/>0.11<br/>2.35<br/>3.73<br/>4.72<br/>1.53<br/>3.28<br/>1.27<br/>0.21<br/>9.41<br/>3.55<br/>9.04<br/>9.92<br/>7.14<br/>0.82<br/>-<br/>-<br/>5.88<br/>1.61<br/>-<br/>5.38<br/>1.61<br/>-<br/>5.38<br/>1.61<br/>-<br/>5.38<br/>1.61<br/>-<br/>5.38<br/>1.61<br/>-<br/>5.38<br/>1.61<br/>-<br/>5.38<br/>1.61<br/>-<br/>5.38<br/>1.62<br/>-<br/>5.38<br/>1.62<br/>-<br/>5.38<br/>1.62<br/>-<br/>5.38<br/>1.62<br/>-<br/>5.58<br/>1.64<br/>-<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5</td></td></t<> | 1.19         66           6.65         0           6.61         15           1.25         1           1.53         2           1.53         2           0.1         0           9.7         0           0.58         4           7.1         3           9.95         3           7.10         3.82           9.52         1.5           5.26         -           -         0           1.43         22           -         -           1.42         1           4.43         22           -         -           -         0           -         -           -         1.42           4.43         22           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -< | .25         68         68           .43         .0         .54         14           .21         .0         .73         .3         .54         14           .21         .0         .73         .3         .54         14           .21         .0         .73         .3         .54         .14           .19         .0         .19         .0         .14         .14         .14         .14         .14         .14         .14         .14         .14         .14         .14         .14         .14         .14         .14         .16         .12         .20         .22         .11         .23         .14         .15         .12         .13         .14         .15         .15         .11          .15         .55         .5 | .30         68.           .31         0.           .38         0.           .42         0.           .47         3.           .66         0.           .97         0.           .97         0.           .97         0.           .97         0.           .97         0.           .98         1.           .78         2.           .78         2.           .78         2.           .78         2.           .78         2.           .78         2.           .78         2.           .78         2.           .78         2.           .78         2.           .78         2.           .79            .78         2.           .79            .90            .91            .92            .93            .94            .93            .94            .95 | 552         55           552         60           552         29           6         552           4         30           9         3           900         55           4         3           900         5           57         4           62         23           900         557           4         10           0         08           0         08           910         6           552         23           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         - | -43 61<br>-43 61<br>-77 62<br>-94 17<br>-94 17<br>-94 17<br>-77 -94 17<br>-77 -94 17<br>-77 -95<br>-77 -13<br>-77 -77 -13<br>-77 -13<br>-7 | .26         59           .23         15           .41         2           .43         15           .41         2           .43         15           .41         2           .43         15           .122         4           .76         2           .52         4           .73         3.3           .73         3.3           .99         0           .99         0           .42         99           .6.5         21           .98         21           .99         0           .42         99           .53         30           .99         -           .99         -           .99         -           .99         -           .99         -           .90         20           .91         -           .92         0           .93         .93           .93         .93           .93         .93           .93         .93           .93         .93 <tr td=""></tr> | .46         61           .47         0           .49         16           .49         16           .49         16           .40         .41           .41         .41           .41         .41           .41         .43           .41         .43           .41         .43           .41        
.44           .43         .44           .44         .44           .44         .44           .44         .44           .44         .44           .44         .44           .45         .44           .46         .44           .47         .44           .48         .44           .44         .44           .45         .44           .46         .44           .47         .44           .48         .44           .49         .44           .41         .44           .42         .44           .43         .44           .44         .44           .45         .44           .44 | .96         51           .59         .0           .647         1.6           .647         1.6           .647         1.6           .647         1.6           .661         .6           .633         .2           .641         .5           .643         .2           .643         .2           .644         .3           .645         .4           .641         .5           .641         .5           .644         .3           .35         .2           .34         .4           .62         .3           .440         1           .62         .3           .433         .2           .643         .3           .34         .2           .34         .2           .312         1           .312         .3           .312         .3           .34         .3           .35         .3           .36         .3           .37         .37 | 81         56           84         0           35         0           35         0           34         6           50         5           55         3           94         1           49         3           41         0           25         0           64         100           -         6           0         0           0.2         0           0.2         1           0.2         0           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.4         1           0.57         1 | 17         54           17         54           172         00           19         11           45         3           48         3           48         3           52         3           52         3           53         7           224         0           08         n           09         99           -53         7           -77         29           .25         37           -7         -           .38         0           .75         7           .88         1           -         -           -         -           .655         4           .37         1           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -      < | .13         71           .96         .0           .83         13           .36         1           .31         .1           .32         .0           .83         .0           .36         1           .31         .1           .31         .1           .31         .1           .31         .1           .57         .2           .12         .0           .3.         .1 <t< td=""><td>.58         66           .59         66           .29         0           .32         15           .08         2           .09         0           .09         0           .09         0           .08         1           .47         3           .08         2           .08         2           .08         2           .08         2           .08         2           .08         2           .08         2           .01         19           .69         33           .51         25           .69         16           .43         31           .55         0           .55         0               .114         0</td><td>.87         71.           .12         0.           .12         3.           .13         13.           .19         1.           .59         0.           .50         0.           .50         0.           .50         0.           .50         0.           .50         0.           .51         1.           .52         30.           .51         16           .11         0.           .52         30.           .52         30.           .52         30.           .53         1.           .52         30.           .53         1.           .54         .57           .37         1           .13  </td><td>31         63           324         62           62         17           551         2           48         1           103         0           644         1           800         3           0.55         2           22         3           0.05         2           0.05         2           0.05         7           1.05         n           .05         100           .044         22           .05         1           .05         10           .05         10           .05         2           .05         3           .05         3           .05         11           .05         3           .05         4           .05         3           .05         3           .05         3           .05         3           .05         3           .05         3           .05         3           .05         3           .05         3           .06</td></t<> <td>.83         5.48           .44         11           .45         11           .45         11           .45         11           .45         11           .45         11           .45         11           .62         .63           .51         .64           .62         .63           .64         .36           .02         .24           .78         .69           .001         -           -         .003           .29         -           .16         .91           -         -           .7         .76</td> <td>4.01 5<br/>0.84<br/>3.69<br/>2.81<br/>0.09<br/>4.28<br/>7.07<br/>4.29<br/>2.02<br/>0.29<br/>9.54<br/>9.39<br/>1.59<br/>3.37<br/>1.59<br/>3.37<br/>1.59<br/>3.37<br/>1.59<br/>5.35<br/>5.535<br/>5.535<br/>1.59<br/>M.</td> <td>8.30 (5)<br/>0.93 (5)<br/>1.90 (2)<br/>2.19 (6)<br/>0.21 (2)<br/>2.19 (6)<br/>72 (4)<br/>1.36 (1)<br/>0.68 (1)<br/>0.68 (1)<br/>0.68 (1)<br/>0.68 (1)<br/>1.08 (1)<br/>0.68 (1)<br/>1.08 (1)<br/>1.08 (1)<br/>1.08 (1)<br/>1.08 (1)<br/>1.08 (1)<br/>1.08 (1)<br/>1.09 (1)</td>
<td>8.23<br/>0.85<br/>0.85<br/>3.71<br/>2.90<br/>0.11<br/>2.35<br/>3.73<br/>4.72<br/>1.53<br/>3.28<br/>1.27<br/>0.21<br/>9.41<br/>3.55<br/>9.04<br/>9.92<br/>7.14<br/>0.82<br/>-<br/>-<br/>5.88<br/>1.61<br/>-<br/>5.38<br/>1.61<br/>-<br/>5.38<br/>1.61<br/>-<br/>5.38<br/>1.61<br/>-<br/>5.38<br/>1.61<br/>-<br/>5.38<br/>1.61<br/>-<br/>5.38<br/>1.61<br/>-<br/>5.38<br/>1.62<br/>-<br/>5.38<br/>1.62<br/>-<br/>5.38<br/>1.62<br/>-<br/>5.38<br/>1.62<br/>-<br/>5.58<br/>1.64<br/>-<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5</td> | .58         66           .59         66           .29         0           .32         15           .08         2           .09         0           .09         0           .09         0           .08         1           .47         3           .08         2           .08         2           .08         2           .08         2           .08         2           .08         2           .08         2           .01         19           .69         33           .51         25           .69         16           .43         31           .55         0           .55         0               .114         0 | .87         71.           .12         0.           .12         3.           .13         13.           .19         1.           .59         0.           .50         0.           .50         0.           .50         0.           .50         0.           .50         0.           .51         1.           .52         30.           .51         16           .11         0.           .52         30.           .52         30.           .52         30.           .53         1.           .52         30.           .53         1.           .54         .57           .37         1           .13 | 31         63           324         62           62         17           551         2           48         1           103         0           644         1           800         3           0.55         2           22         3           0.05         2           0.05         2           0.05         7           1.05         n           .05         100           .044         22           .05         1           .05         10           .05         10           .05         2           .05         3           .05         3           .05         11           .05         3           .05         4           .05         3           .05         3           .05         3           .05         3           .05         3           .05         3           .05         3           .05         3           .05         3           .06 | .83         5.48           .44         11           .45         11           .45         11           .45         11           .45         11           .45         11           .45         11           .62         .63           .51         .64           .62         .63           .64         .36           .02         .24           .78         .69           .001         -           -         .003           .29         -           .16         .91           -         -           .7         .76 | 4.01 5<br>0.84<br>3.69<br>2.81<br>0.09<br>4.28<br>7.07<br>4.29<br>2.02<br>0.29<br>9.54<br>9.39<br>1.59<br>3.37<br>1.59<br>3.37<br>1.59<br>3.37<br>1.59<br>5.35<br>5.535<br>5.535<br>1.59<br>M. | 8.30 (5)<br>0.93 (5)<br>1.90 (2)<br>2.19 (6)<br>0.21 (2)<br>2.19 (6)<br>72 (4)<br>1.36 (1)<br>0.68 (1)<br>0.68 (1)<br>0.68 (1)<br>0.68 (1)<br>1.08 (1)<br>0.68 (1)<br>1.08 (1)<br>1.08 (1)<br>1.08 (1)<br>1.08 (1)<br>1.08 (1)<br>1.08 (1)<br>1.09 (1) | 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|
| 58         66           59         00           32         15           08         2           21         1           09         00           88         1           447         3           108         2           117         1           129         2           2117         1           106         0           .01         99           30         .69           .69         33           .71         9           .69         33           .15         .5           .88         3           .88         3           .88         3  | .87         71.           .12         0.           .12         0.           .59         0.           .59         1.           .59         0.           .53         1.           .53         1.           .55         3.           .55         3.           .55         3.           .55         3.           .52         30.           .51         18.           .29         35.           .87         8.           .90         -           .73         1           .14         -           .73         1           .14         -  
  | 31         63           ,62         17           ,62         17           ,51         2           ,48         1           ,03         0           ,64         1           ,80         3           ,22         3           ,05         2           ,06         2           ,05         7           ,05         7           ,05         8           ,00         2           ,02         16           ,03         0           ,20         16           ,100         1           ,100         1           ,21         2           ,02         1           ,03         0           ,04         2           ,05         4           ,05         4           ,05         4  
  | .83         5.48           .45         11           .45         11           .45         12           .62         .63           .51         .84           .36         .02           .43         .36           .44         .36           .43         .36           .44         .9           .24         .78           .45         .00           .46         .36           .49         .24           .78         .69           .03         .29           .01         -           -         .03           .29         .01           -         -           .03         .29   
   
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  | 8.30 5<br>0.93 4.90<br>0.21 2.19<br>0.22 2.19<br>0.67 2 4.14<br>1.36 6.72 4.14<br>1.36 0.26<br>9.73 9<br>9.73 9<br>9.73 9<br>1.68 3.11 1<br>3.57 1.64<br>1.89 3.81<br>1.89 3.81<br>1.89 3.81   
  | 8.23         0.85         0.87         0.82         3.71         2.90         0.11         2.35         3.73         4.72         1.53         3.73         4.72         1.53         3.28         1.27         0.21         9.41         3.55         9.902         7.14         0.82         -   |   |   
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| sic<br>TicCa<br>Pe:<br>Pe:<br>Pe:<br>Pe:<br>Pe:<br>Pe:<br>Pe:<br>Pe:<br>Pe:<br>Ca<br>Sic<br>Na,<br>Ko<br>Ca<br>Sic<br>Sic<br>Sic<br>Sic<br>Sic<br>Sic<br>Sic<br>Sic<br>Sic<br>Sic   | 22 67<br>22 00<br>23 15<br>203 15<br>203 00<br>0 0 0<br>0 0<br>0 0<br>0 0<br>0 0<br>0 0<br>0   
  | -122         66           -41         0           -67         15           -67         15           -67         15           -67         15           -68         10           -69         11           -7         12           -82         13           -7         14           -89         12           -69         1           -         -      - <th>30         67         0           67         0         67         0           7.7         15         5         26         1           1         21         2         2         1         1           0.8         0         0.8         0         11         0           11         0         0.63         3         95         2         5.58         1         1.23         0         0.49         100         4.49         100         4.44         4.43         1.77         16         6.71         0         -         <td< th=""><th>.19         66           .19         66           .65         0           .25         1           .53         2           .10         0           .71         3           .97         0           .58         4           .71         3           .97         0           .21         n           .10         99           .59         21           .59         25           .52         15           .52         15           .52         15           .52         15           .52         15           .52         15           .52         15           .55         25           .55         25           .56         2  <t< th=""><th>.25         68           .25         68           .43         .0           .54         14           .21         .0           .91         .0           .91         .0           .91         .0           .91         .0           .91         .0           .91         .0           .93         .0           .947         .4           .74         .3           .90         .0           .42         .99           .01         .22           .35         .34           .779         .7           .9         .7           .11         .77           .58         .2           .12         .55           .14  </th></t<><th>.30         68.           .318         0.           .42         0.           .42         0.           .47         3.           .66         0.           .97         0.           .97         0.           .70         2.           .710         2.           .720         2.           .731         3.           .782         3.           .782         3.           .782         24.           .782         24.           .782         24.           .782         24.           .782         24.           .782         24.           .782         24.           .783         29.           .784         20.           .984         2.           .984         2.           .994         2.           .994         2.           .994         2.           .994         2.           .994         2.           .994         2.           .994         2.           .995         2.           .994</th></th></td<><th>.52         55           .52         50           .29         16           .63         .3           .68         .03           .90         .5           .403         .3           .90         .5           .57         .4           .55         .4           .55         .4           .62         .2           .63         .3           .90         .5           .57         .4           .62         .2           .62         .2           .64         .99           .97         .8           .91         .6           .91         .6           .91         .5           .52         .23           .55         .23           .112         .7           .12         .7           .51         .1          </th><th>.43 61<br/>.94 177 00<br/>.94 177<br/>.56 27<br/>.56 27<br/>.25 4<br/>.10 10<br/>.97 2<br/>.25 4<br/>.10 10<br/>.97 2<br/>.25 4<br/>.10 10<br/>.97 2<br/>.25 4<br/>.10 10<br/>.97 2<br/>.25 4<br/>.40 11<br/>.50 7<br/>.95 4<br/>.63<br/>.38<br/>.80 4<br/>.81 1<br/><br/>.92 .62 6<br/>.92 6</th><th>.26         59           .66         1           .23         15           .41         2           .123         15           .141         2           .123         15           .141         2           .76         2           .77         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .74         4           -         -           .75         4           .75         4           .75         4           .75         4           .75         4           .75         4           .75         4           .75         4           .75         4           .75</th><th>.46         61           .17         0           .99         16           .67         2           .83         2           .11         0           .95         2           .16         3           .81         0           .14.         3           .57         0           .81         00           .87         24           .84         100           .87         3           .66         24           .73         26           .84         100           .87         3           .96         24           .96         24           .96         24           .96         24           .96         24           .934         64           .94         .94           .934         .94           .94         .94           .94         .94           .94         .94           .97         .96           .94         .94           .94         .94      <tr td=""> <tr td="">           &lt;</tr></tr></th><th>.96         51.           .59         .0.           .647         16.           .647         16.           .647         16.           .647         16.           .647         16.           .647         16.           .661         55           .632         20.           .643         28.           .643         38.           .643         35           .643         35           .335         21.           .34         -           -         4           -         1.           .622         33.           .344         -           -         6           .627         2.</th><th>81         56           84         0           29         17           35         0           34         6           14         0           72         4           50         5           394         1           41         0           25         0           64         100            6           06         0           0.02         0           0.02         0           0.02         0           0.03         10           .34         10           .55         8           .61         0.06           .02         0           .03         10           .34         10           .55         10           .57         59           .92         24</th><th>117         54           172         60           172         10           172         10           143         11           143         11           144         11           145         3           148         11           147         3           148         11           149         11           140         11           141         11           142         11           143         11           144         11           144         11           144         11           144         11           144         11           144         11           144         11           145         11           145         11           145         11           145         11           145         11           145         11           145         11           145         11           145         11           145         11           145         11      <t< th=""><th>.13         71           .96         .0           .33         .13           .36         .1           .31         .1           .32         .0           .83         .0           .34         .1           .37         .1           .57         .2           .12         .0           .83         .0           .12         .0           .84         .00           .84         .00           .84         .00           .91         .0           .01         .0           .03         .0           .22         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .31         .0               </th><th>58         66           59         00           229         2           32         15           0.08         2           21         1           0.09         0           88         1           1.229         2           2.47         3           0.08         2           1.47         3
          0.08         1           1.29         2           2         1           1.49         1           1.29         2           2.17         1           0.60         0           0.01         99           0.01         99           0.01         99           0.01         99           0.01         99           0.31         1.5           .331         1.5           .388         3           .387         1           -         -           -         -           -         -           -         -           -         -           -         -           -&lt;</th><th>.87         71.           .87         71.           .12         0.           .13         13.           .19         1.           .59         0.           .50         0.           .50         0.           .53         1.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .66         0.           -         -           .30         -           .31         -           .32         -           .33         1.           .34         -           .31         -           .32         -           .33         1.           .34         -           .31         1.           .31         1.           .31         1.      <tr td=""></tr></th><th>31         63           ,24         0           ,62         17           ,62         17           ,63         1           ,03         0           ,48         1           ,03         0           ,22         3           ,05         2           ,06         2           ,05         2           ,06         2           ,05         100           ,06         2           ,04         2           ,02         16           ,03         18           ,04         2           ,05         10           ,05         10           ,05         10           ,06         2           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1</th><th>.83         5.           .48         .45           .18         .45           .45         .11           .62         .62           .63         .51           .84         .36           .02         .43           .44         .36           .02         .43           .49         9           .24         .78           .69         3           .001         -           -         .01           -         .03           .29         -           .116        16</th><th>4.01 5<br/>0.84<br/>8.31 1<br/>3.69<br/>2.81<br/>0.09<br/>2.81<br/>1.59<br/>2.02<br/>0.25<br/>9.54 9<br/>9.54 9<br/>0.25<br/>9.54 9<br/>0.25<br/>0.29<br/>3.37 1<br/>8.13<br/>3.10<br/>2.52<br/>0.28<br/>-<br/>-<br/>5.35</th><th>8.30         5           0.93         6.75         1           1.90         1.30         1.30           0.21         2         1.9           6.72         2.19         6.72           4.14         1.36         1.39           0.21         2.19         6.72           4.14         1.36         1.39           0.26         9.73         9           9.73         9         7.33.11           -         -         3.3.11           -         -         3.3.57           1.64         1.39         -           3.81         4.39         -           -         -         -           2.76         -         -</th><th>a.23         a.25         a.71         2.90         o.11         2.35         3.73         4.72         1.53         3.73         4.72         1.53         9.41         9.04         9.904         9.904         9.904         9.904         9.904         9.55         1.06         -         -         -         -         -         5.38</th></t<></th></th> | 30         67         0           67         0         67         0           7.7         15         5         26         1           1         21         2         2         1         1           0.8         0         0.8         0         11         0           11         0         0.63         3         95         2         5.58         1         1.23         0         0.49         100         4.49         100         4.44         4.43         1.77         16         6.71         0         - <td< th=""><th>.19         66           .19         66           .65         0           .25         1           .53         2           .10         0           .71         3           .97         0           .58         4           .71         3           .97         0           .21         n           .10         99           .59         21           .59         25           .52         15           .52         15           .52         15           .52         15           .52         15           .52         15           .52         15           .55         25           .55         25           .56         2  <t< th=""><th>.25         68           .25         68           .43         .0           .54         14           .21         .0           .91         .0           .91         .0           .91         .0           .91         .0           .91         .0           .91         .0           .93         .0           .947         .4           .74         .3           .90         .0           .42         .99           .01         .22           .35         .34           .779         .7           .9         .7           .11         .77           .58         .2           .12         .55           .14  </th></t<><th>.30         68.           .318         0.           .42         0.           .42         0.           .47         3.           .66         0.           .97         0.           .97         0.           .70         2.           .710         2.           .720         2.           .731         3.           .782         3.           .782         3.           .782         24.           .782         24.           .782         24.           .782         24.           .782         24.           .782         24.           .782         24.           .783         29.           .784         20.           .984         2.           .984         2.           .994         2.           .994         2.           .994         2.           .994         2.           .994         2.           .994         2.           .994         2.           .995         2.           .994</th></th></td<> <th>.52         55           .52         50           .29         16           .63         .3           .68         .03           .90         .5           .403         .3           .90         .5           .57         .4           .55         .4           .55         .4           .62         .2           .63         .3           .90         .5           .57         .4           .62         .2           .62         .2           .64         .99           .97         .8           .91         .6           .91         .6           .91         .5           .52         .23           .55         .23           .112         .7           .12         .7           .51         .1          </th> <th>.43 61<br/>.94 177 00<br/>.94 177<br/>.56 27<br/>.56 27<br/>.25 4<br/>.10 10<br/>.97 2<br/>.25 4<br/>.10 10<br/>.97 2<br/>.25 4<br/>.10 10<br/>.97 2<br/>.25 4<br/>.10 10<br/>.97 2<br/>.25 4<br/>.40 11<br/>.50 7<br/>.95 4<br/>.63<br/>.38<br/>.80 4<br/>.81 1<br/><br/>.92 .62 6<br/>.92 6</th> <th>.26         59           .66         1           .23         15           .41         2           .123         15           .141         2           .123         15           .141         2           .76         2           .77         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .74         4           -         -           .75         4           .75         4           .75         4           .75         4           .75         4           .75         4           .75         4           .75         4           .75         4           .75</th> <th>.46         61           .17         0           .99         16           .67         2           .83         2           .11         0           .95         2           .16         3           .81         0           .14.         3           .57         0           .81         00           .87         24           .84         100           .87         3           .66         24           .73         26           .84         100           .87         3           .96         24           .96         24           .96         24           .96         24           .96         24           .934         64           .94         .94           .934         .94           .94         .94           .94         .94           .94         .94           .97         .96           .94         .94           .94         .94      <tr td=""> <tr td="">           &lt;</tr></tr></th> <th>.96         51.           .59         .0.           .647         16.           .647         16.           .647         16.           .647         16.           .647         16.           .647        
16.           .661         55           .632         20.           .643         28.           .643         38.           .643         35           .643         35           .335         21.           .34         -           -         4           -         1.           .622         33.           .344         -           -         6           .627         2.</th> <th>81         56           84         0           29         17           35         0           34         6           14         0           72         4           50         5           394         1           41         0           25         0           64         100            6           06         0           0.02         0           0.02         0           0.02         0           0.03         10           .34         10           .55         8           .61         0.06           .02         0           .03         10           .34         10           .55         10           .57         59           .92         24</th> <th>117         54           172         60           172         10           172         10           143         11           143         11           144         11           145         3           148         11           147         3           148         11           149         11           140         11           141         11           142         11           143         11           144         11           144         11           144         11           144         11           144         11           144         11           144         11           145         11           145         11           145         11           145         11           145         11           145         11           145         11           145         11           145         11           145         11           145         11      <t< th=""><th>.13         71           .96         .0           .33         .13           .36         .1           .31         .1           .32         .0           .83         .0           .34         .1           .37         .1           .57         .2           .12         .0           .83         .0           .12         .0           .84         .00           .84         .00           .84         .00           .91         .0           .01         .0           .03         .0           .22         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .31         .0               </th><th>58         66           59         00           229         2           32         15           0.08         2           21         1           0.09         0           88         1           1.229         2           2.47         3           0.08         2           1.47         3           0.08         1           1.29         2           2         1           1.49         1           1.29         2           2.17         1           0.60         0           0.01         99           0.01         99           0.01         99           0.01         99           0.01         99           0.31         1.5           .331         1.5           .388         3           .387         1           -         -           -         -           -         -           -         -           -         -           -         -           -&lt;</th><th>.87         71.           .87         71.           .12         0.           .13         13.           .19         1.           .59         0.           .50         0.           .50         0.           .53         1.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .66         0.           -         -           .30         -           .31         -           .32         -           .33         1.           .34         -           .31         -           .32         -           .33         1.           .34         -           .31         1.           .31         1.           .31         1.      <tr td=""></tr></th><th>31         63           ,24         0           ,62         17           ,62         17           ,63         1           ,03         0           ,48         1           ,03         0           ,22         3           ,05         2           ,06         2           ,05         2           ,06         2           ,05         100           ,06         2           ,04         2           ,02         16           ,03         18           ,04         2           ,05         10           ,05         10           ,05         10           ,06         2           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1</th><th>.83         5.           .48         .45           .18         .45           .45         .11           .62         .62           .63         .51           .84         .36           .02         .43           .44         .36           .02         .43           .49         9           .24         .78           .69         3           .001         -           -         .01           -         .03           .29         -           .116        16</th><th>4.01 5<br/>0.84<br/>8.31 1<br/>3.69<br/>2.81<br/>0.09<br/>2.81<br/>1.59<br/>2.02<br/>0.25<br/>9.54 9<br/>9.54 9<br/>0.25<br/>9.54 9<br/>0.25<br/>0.29<br/>3.37 1<br/>8.13<br/>3.10<br/>2.52<br/>0.28<br/>-<br/>-<br/>5.35</th><th>8.30         5           0.93         6.75         1           1.90         1.30         1.30           0.21         2         1.9           6.72         2.19         6.72           4.14         1.36         1.39           0.21         2.19         6.72           4.14         1.36         1.39           0.26         9.73         9           9.73         9         7.33.11           -         -         3.3.11           -         -         3.3.57           1.64         1.39         -           3.81         4.39         -           -         -         -           2.76         -         -</th><th>a.23         a.25         a.71         2.90         o.11         2.35         3.73         4.72         1.53         3.73         4.72         1.53         9.41         9.04         9.904         9.904         9.904         9.904         9.904         9.55         1.06         -         -         -         -         -         5.38</th></t<></th>  
   | .19         66           .19         66           .65         0           .25         1           .53         2           .10         0           .71         3           .97         0           .58         4           .71         3           .97         0           .21         n           .10         99           .59         21           .59         25           .52         15           .52         15           .52         15           .52         15           .52         15           .52         15           .52         15           .55         25           .55         25           .56         2 <t< th=""><th>.25         68           .25         68           .43         .0           .54         14           .21         .0           .91         .0           .91         .0           .91         .0           .91         .0           .91         .0           .91         .0           .93         .0           .947         .4           .74         .3           .90         .0           .42         .99           .01         .22           .35         .34           .779         .7           .9         .7           .11         .77           .58         .2           .12         .55           .14  </th></t<> <th>.30         68.           .318         0.           .42         0.           .42         0.           .47         3.           .66         0.           .97         0.           .97         0.           .70         2.           .710         2.           .720         2.           .731         3.           .782         3.           .782         3.           .782         24.           .782         24.           .782         24.           .782         24.           .782         24.           .782         24.           .782         24.           .783         29.           .784         20.           .984         2.           .984         2.           .994         2.           .994         2.           .994         2.           .994         2.           .994         2.           .994         2.           .994         2.           .995         2.           .994</th>  
   | .25         68           .25         68           .43         .0           .54         14           .21         .0           .91         .0           .91         .0           .91         .0           .91         .0           .91         .0           .91         .0           .93         .0           .947         .4           .74         .3           .90         .0           .42         .99           .01         .22           .35         .34           .779         .7           .9         .7           .11         .77           .58         .2           .12         .55           .14  
   | .30         68.           .318         0.           .42         0.           .42         0.           .47         3.           .66         0.           .97         0.           .97         0.           .70         2.           .710         2.           .720         2.           .731         3.           .782         3.           .782         3.           .782         24.           .782         24.           .782         24.           .782         24.           .782         24.           .782         24.           .782         24.           .783         29.           .784         20.           .984         2.           .984         2.           .994         2.           .994         2.           .994         2.           .994         2.           .994         2.           .994         2.           .994         2.           .995         2.           .994 | .52         55           .52         50           .29         16           .63         .3           .68         .03           .90         .5           .403         .3           .90         .5           .57         .4           .55         .4           .55         .4           .62         .2           .63         .3           .90         .5           .57         .4           .62         .2           .62         .2           .64         .99           .97         .8           .91         .6           .91         .6           .91         .5           .52         .23           .55         .23           .112         .7           .12         .7           .51         .1  | .43 61<br>.94 177 00<br>.94 177<br>.56 27<br>.56 27<br>.25 4<br>.10 10<br>.97 2<br>.25 4<br>.10 10<br>.97 2<br>.25 4<br>.10 10<br>.97 2<br>.25 4<br>.10 10<br>.97 2<br>.25 4<br>.40 11<br>.50 7<br>.95 4<br>.63<br>.38<br>.80 4<br>.81 1<br><br>.92 .62 6<br>.92 6   
  | .26         59           .66         1           .23         15           .41         2           .123         15           .141         2           .123         15           .141         2           .76         2           .77         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .73         3           .74         4           -         -           .75         4           .75         4           .75         4           .75         4           .75         4           .75         4           .75         4           .75         4           .75         4           .75   | .46         61           .17         0           .99         16           .67         2           .83         2           .11         0           .95         2           .16         3           .81         0           .14.         3           .57         0           .81         00           .87         24           .84         100           .87         3           .66         24           .73         26           .84         100           .87         3           .96         24           .96         24           .96         24           .96         24           .96         24           .934         64           .94         .94           .934         .94           .94         .94           .94         .94           .94         .94           .97         .96           .94         .94           .94         .94 <tr td=""> <tr td="">           &lt;</tr></tr>  
   | .96         51.           .59         .0.           .647         16.           .647         16.           .647         16.           .647         16.           .647         16.           .647         16.           .661         55           .632         20.           .643         28.           .643         38.           .643         35           .643         35           .335         21.           .34         -           -         4           -         1.           .622         33.           .344         -           -         6           .627         2.   | 81         56           84         0           29         17           35         0           34         6           14         0           72         4           50         5           394         1           41         0           25         0           64         100            6           06         0           0.02         0           0.02         0           0.02         0           0.03         10           .34         10           .55         8           .61         0.06           .02         0           .03         10           .34         10           .55         10           .57         59           .92         24   | 117         54           172         60           172         10           172         10           143         11           143         11           144         11           145         3           148         11           147         3           148         11           149         11           140         11           141         11           142         11           143         11           144         11           144         11           144         11           144         11           144         11           144         11           144         11           145         11           145         11           145         11           145         11           145         11           145         11           145         11           145         11           145         11           145         11           145         11 <t< th=""><th>.13         71           .96         .0           .33        
.13           .36         .1           .31         .1           .32         .0           .83         .0           .34         .1           .37         .1           .57         .2           .12         .0           .83         .0           .12         .0           .84         .00           .84         .00           .84         .00           .91         .0           .01         .0           .03         .0           .22         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .31         .0               </th><th>58         66           59         00           229         2           32         15           0.08         2           21         1           0.09         0           88         1           1.229         2           2.47         3           0.08         2           1.47         3           0.08         1           1.29         2           2         1           1.49         1           1.29         2           2.17         1           0.60         0           0.01         99           0.01         99           0.01         99           0.01         99           0.01         99           0.31         1.5           .331         1.5           .388         3           .387         1           -         -           -         -           -         -           -         -           -         -           -         -           -&lt;</th><th>.87         71.           .87         71.           .12         0.           .13         13.           .19         1.           .59         0.           .50         0.           .50         0.           .53         1.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .66         0.           -         -           .30         -           .31         -           .32         -           .33         1.           .34         -           .31         -           .32         -           .33         1.           .34         -           .31         1.           .31         1.           .31         1.      <tr td=""></tr></th><th>31         63           ,24         0           ,62         17           ,62         17           ,63         1           ,03         0           ,48         1           ,03         0           ,22         3           ,05         2           ,06         2           ,05         2           ,06         2           ,05         100           ,06         2           ,04         2           ,02         16           ,03         18           ,04         2           ,05         10           ,05         10           ,05         10           ,06         2           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1</th><th>.83         5.           .48         .45           .18         .45           .45         .11           .62         .62           .63         .51           .84         .36           .02         .43           .44         .36           .02         .43           .49         9           .24         .78           .69         3           .001         -           -         .01           -         .03           .29         -           .116        16</th><th>4.01 5<br/>0.84<br/>8.31 1<br/>3.69<br/>2.81<br/>0.09<br/>2.81<br/>1.59<br/>2.02<br/>0.25<br/>9.54 9<br/>9.54 9<br/>0.25<br/>9.54 9<br/>0.25<br/>0.29<br/>3.37 1<br/>8.13<br/>3.10<br/>2.52<br/>0.28<br/>-<br/>-<br/>5.35</th><th>8.30         5           0.93         6.75         1           1.90         1.30         1.30           0.21         2         1.9           6.72         2.19         6.72           4.14         1.36         1.39           0.21         2.19         6.72           4.14         1.36         1.39           0.26         9.73         9           9.73         9         7.33.11           -         -         3.3.11           -         -         3.3.57           1.64         1.39         -           3.81         4.39         -           -         -         -           2.76         -         -</th><th>a.23         a.25         a.71         2.90         o.11         2.35         3.73         4.72         1.53         3.73         4.72         1.53         9.41         9.04         9.904         9.904         9.904         9.904         9.904         9.55         1.06         -         -         -         -         -         5.38</th></t<> | .13         71           .96         .0           .33         .13           .36         .1           .31         .1           .32         .0           .83         .0           .34         .1           .37         .1           .57         .2           .12         .0           .83         .0           .12         .0           .84         .00           .84         .00           .84         .00           .91         .0           .01         .0           .03         .0           .22         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .50         .0           .31         .0  
   
   
   
   
   
   
   
   
   
  | 58         66           59         00           229         2           32         15           0.08         2           21         1           0.09         0           88         1           1.229         2           2.47         3           0.08         2           1.47         3           0.08         1           1.29         2           2         1           1.49         1           1.29         2           2.17         1           0.60         0           0.01         99           0.01         99           0.01         99           0.01         99           0.01         99           0.31         1.5           .331         1.5           .388         3           .387         1           -         -           -         -           -         -           -         -           -         -           -         -           -< | .87         71.           .87         71.           .12         0.           .13         13.           .19         1.           .59         0.           .50         0.           .50         0.           .53         1.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .55         3.           .66         0.           -         -           .30         -           .31         -           .32         -           .33         1.           .34         -           .31         -           .32         -           .33         1.           .34         -           .31         1.           .31         1.           .31         1. <tr td=""></tr> | 31         63           ,24         0           ,62         17           ,62         17           ,63         1           ,03         0           ,48         1           ,03         0           ,22         3           ,05         2           ,06         2           ,05         2           ,06         2           ,05         100           ,06         2           ,04         2           ,02         16           ,03         18           ,04         2           ,05         10           ,05         10           ,05         10           ,06         2           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1           ,05         1  
  | .83         5.           .48         .45           .18         .45           .45         .11           .62         .62           .63         .51           .84         .36           .02         .43           .44         .36           .02         .43           .49         9           .24         .78           .69         3           .001         -           -         .01           -         .03           .29         -           .116        16   | 4.01 5<br>0.84<br>8.31 1<br>3.69<br>2.81<br>0.09<br>2.81<br>1.59<br>2.02<br>0.25<br>9.54 9<br>9.54 9<br>0.25<br>9.54 9<br>0.25<br>0.29<br>3.37 1<br>8.13<br>3.10<br>2.52<br>0.28<br>-<br>-<br>5.35   | 8.30         5           0.93         6.75         1           1.90         1.30         1.30           0.21         2         1.9           6.72         2.19         6.72           4.14         1.36         1.39           0.21         2.19         6.72           4.14         1.36         1.39           0.26         9.73         9           9.73         9         7.33.11           -         -         3.3.11           -         -         3.3.57           1.64         1.39         -           3.81         4.39         -           -         -         -           2.76         -         -   | a.23         a.25         a.71         2.90         o.11         2.35         3.73         4.72         1.53         3.73         4.72         1.53         9.41         9.04         9.904         9.904         9.904         9.904         9.904         9.55         1.06         -         -         -         -         -         5.38  
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  | 30         67         0           67         0         67         0           7.71         15         5         1         1           2.21         2         1         21         2         1           2.12         2         1         1         0         0           .20         0.88         0         0         0         0           .40         0.95         2         5.58         1         0         0         0           .49         100         4         24         4.43         17         16         3         3         7         9         16         1         1         7         16         1         1         7         16         1         1         7         16         1         1         7         16         1 <th>1.19         66           6.65         0           6.61         15           2.25         1           1.53         2.2           0.1         0           9.97         0           9.97         0           9.97         0           9.97         0           9.97         0           1.01         99           9.95         2.1           1.01         99           9.52         1.55           2.6         1           -         1           -         1           -         1           -         1           -         1           -         1           -         1           -         1           -         1           -         1           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -</th> <th>.25         68         68           .43         .0         .54         14           .21         .0         .73         .3         .54         14           .21         .0         .73         .3         .54         .14           .21         .0         .73         .3         .14         .11         .11         .11         .14         .16         .15         .11         .15         .11         .15         .11         .15         .15         .15         .15         .15         .15         .15         .15         .15<!--</th--><th>.30         68.           .31         0.           .38         0.           .42         0.           .42         0.           .66         0.           .97         0.           .97         0.           .97         0.           .78         3.           .28         1.           .78         3.           .97         0.           .57         99.           .778         24.           .33         200.           .98         12.           .16         -           -         0.           .98         12.           .51         4.           -         0.           .90         .422           .51         4.           -         -           .51         4.           .51         4.           .51         -           .51         -           .51         -           .51         -           .72         0.</th><th>.52         55           .52         50           .52         9           .52         9           .52         29           .52         4           .03         33           .08         0           .03         39           .57         4           .62         2           .63         2           .08         0           .57         4           .62         2           .08         0           .62         2           .08         0           .42         99           .62         2           .77         8           .991         6           .991         6           .51         2           .51         2           .51         2           .51         2           .51         2           .51         2           .51         2           .51         2           .51         2           .51         2           .55         3           .75</th><th>.43 61<br/>.94 17<br/>.96 4<br/>.56 2<br/>.16 6<br/>.57 10<br/>.79 1<br/>.97 2<br/>.25 4<br/>.10 1<br/>.70 6<br/>.66 6<br/>.66 6<br/>.66 6<br/>.66 6<br/>.66 7<br/>.79 1<br/>.70 6<br/>.66 6<br/>.66 6<br/>.66 7<br/>.79 1<br/>.70 6<br/>.66 4<br/>.66 7<br/>.50 7<br/>.22 .46 1<br/>.22 .46 1<br/>.23 .46 1<br/>.24 .46</th><th>.26         59           .23         15           .41         2           .23         15           .41         2           .123         15           .41         2           .51         .41           .23         15           .41         2           .123         15           .12         .16           .76         2           .52         .4           .73         .3           .20         0.94           .33         0           .33         0           .4.63         21           .4.63         21           .4.63         21           .59         0           .4.22         99           -         -           -         -           .3.38         7           .3.39         3.39           .3.39         3.39           .3.39         3.39           .3.39         3.39           .3.39         3.39           .3.39         3.39</th><th>.46         61           .17         0           .99         16           .67         2           .11         0           .99         16           .83         2           .11         0           .95         2           .11         0           .95         2           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .12         1           .13         0           .13         0           .13         0           .14         0           .15         0           .16         0           .17         0           .18         0           .19</th><th>.96         51.           .59         .0.           .64         2.           .83         5.           .19         0.           .66         .6.           .91         7.           .15         4.           .63         2.           .63         2.           .63         2.           .64         38.           .61         5           .64         38.           .61         5           .64         38.           .62         34           .62         34           .62         34           .62         34           .62         34           .62         34           .62         34           .62         34           .62         34           .62         34           .62         38           .63         .61           .64         .62           .62         .62           .63         .62           .64         .62           .64         .62           .64         .62</th><th>81         56           84         0           35         0           34         6           14         0           72         4           50         5           55         3           94         1           49         3           41         0           -         6           100         -           64         100           -         6           0.6         0           0.6         0           0.61         0           0.62         0           0.63         10           -         -           0.61         0           0.77         -           0.78         -           0.79         -           0.70         0           0.61         0           0.79         -           0.79         -           0.79         -           0.70         -           0.70         -           0.70         -           0.70         -           0.70</th><th>117         54           172         00           172         01           19        </th><th>.13         71           .96         .0           .33         .13           .36         .1           .31         .1           .22         .0           .92         .2           .43         .4           .57         .2           .16         .2           .17         .11           .0   
     .6           .0         .6           .0         .6           .0         .6           .0         .6           .0         .6           .0         .6           .0         .7           .13         .1           .22         .0           .37         14           .01         .0           .22         .0           .31         .1           .33         .1           .31         .1           .33         .1           .33         .1           .31         .1           .33         .1           .33         .1           .34         .2           .35         .1</th><th>58         66           59         00           229         0           32         15           08         2           21         1           09         0           88         1           447         3           08         2           147         3           08         2           106         0           00         0           06         33           7.71         9           5.51         25           6.69         13           3.1         1.5           8.88         3           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -</th><th>.87         71.           .12         0.           .33         13.           .19         1.           .59         0.           .59         0.           .50         0.           .53         1.           .55         3.           .55         3.           .55         3.           .55         3.           .55         2.           .51         16           .11         0.           .52         30.           .51         18.           .66         0.           .73         1           .14         -           -         -           .17         0           .13         13.</th><th>31         63           324         62           62         17           51         2           48         1           03         0           03         0           64         1           80         3           322         3           305         2           066         2           075         7           075         7           075         7           075         7           075         7           075         7           076         18           07         18           07         9           07         9           07         9           07         9           08         9           095         3           095         3           095         3           095         3           005         10           005         10           005         10           005         10           005         10           005</th><th>.83         5.           .48         .45           .45         11           .45         .12           .62         .63           .51         .84           .84         .36           .02         .4           .49         9           .24         .78           .663         .60           .663         .02           .01         -           -         .03           .29         -           -         .16           .91         .91</th><th>4.01 5<br/>0.84<br/>3.69<br/>2.81<br/>0.09<br/>2.81<br/>1.59<br/>2.02<br/>0.25<br/>9.54<br/>9.53<br/>1.59<br/>2.02<br/>3.37<br/>1<br/>9.39<br/>3.30<br/>2.52<br/>3.10<br/>0.21<br/>8.13<br/>0.68<br/>1.59<br/>2.52<br/>3.10<br/>1.59<br/>2.52<br/>3.10<br/>2.52<br/>3.10<br/>2.52<br/>3.10<br/>2.52<br/>3.10<br/>2.52<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>5.55<br/>5.55<br/>5.35<br/>1.59<br/>5.35<br/>1.59</th><th>8.30 5<br/>0.93 4<br/>1.90 1<br/>2.19 0<br/>0.21 2<br/>1.39 0<br/>0.21 2<br/>1.39 0<br/>0.24 1<br/>1.36 1<br/>3.30 0<br/>26 9<br/>7.73 9<br/>1.64 1<br/>8.04 1<br/>5.01 2<br/>3.11 1<br/>1.89 3<br/>3.81 4<br/>.39 3<br/>3.81 4<br/>.39 1<br/>2.76 1<br/>.77</th><th>8.23<br/>0.85<br/>0.85<br/>3.71<br/>2.90<br/>0.11<br/>2.35<br/>3.73<br/>4.72<br/>1.53<br/>3.28<br/>1.27<br/>0.21<br/>9.41<br/>9.92<br/>7.14<br/>9.94<br/>9.92<br/>7.14<br/>0.82<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-</th></th>   | 1.19         66           6.65         0           6.61         15           2.25         1           1.53         2.2           0.1         0           9.97         0           9.97         0           9.97         0           9.97         0           9.97         0           1.01         99           9.95         2.1           1.01  
      99           9.52         1.55           2.6         1           -         1           -         1           -         1           -         1           -         1           -         1           -         1           -         1           -         1           -         1           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -  | .25         68         68           .43         .0         .54         14           .21         .0         .73         .3         .54         14           .21         .0         .73         .3         .54         .14           .21         .0         .73         .3         .14         .11         .11         .11         .14         .16         .15         .11         .15         .11         .15         .11         .15         .15         .15         .15         .15         .15         .15         .15         .15 </th <th>.30         68.           .31         0.           .38         0.           .42         0.           .42         0.           .66         0.           .97         0.           .97         0.           .97         0.           .78         3.           .28         1.           .78         3.           .97         0.           .57         99.           .778         24.           .33         200.           .98         12.           .16         -           -         0.           .98         12.           .51         4.           -         0.           .90         .422           .51         4.           -         -           .51         4.           .51         4.           .51         -           .51         -       
   .51         -           .51         -           .72         0.</th> <th>.52         55           .52         50           .52         9           .52         9           .52         29           .52         4           .03         33           .08         0           .03         39           .57         4           .62         2           .63         2           .08         0           .57         4           .62         2           .08         0           .62         2           .08         0           .42         99           .62         2           .77         8           .991         6           .991         6           .51         2           .51         2           .51         2           .51         2           .51         2           .51         2           .51         2           .51         2           .51         2           .51         2           .55         3           .75</th> <th>.43 61<br/>.94 17<br/>.96 4<br/>.56 2<br/>.16 6<br/>.57 10<br/>.79 1<br/>.97 2<br/>.25 4<br/>.10 1<br/>.70 6<br/>.66 6<br/>.66 6<br/>.66 6<br/>.66 6<br/>.66 7<br/>.79 1<br/>.70 6<br/>.66 6<br/>.66 6<br/>.66 7<br/>.79 1<br/>.70 6<br/>.66 4<br/>.66 7<br/>.50 7<br/>.22 .46 1<br/>.22 .46 1<br/>.23 .46 1<br/>.24 .46</th> <th>.26         59           .23         15           .41         2           .23         15           .41         2           .123         15           .41         2           .51         .41           .23         15           .41         2           .123         15           .12         .16           .76         2           .52         .4           .73         .3           .20         0.94           .33         0           .33         0           .4.63         21           .4.63         21           .4.63         21           .59         0           .4.22         99           -         -           -         -           .3.38         7           .3.39         3.39           .3.39         3.39           .3.39         3.39           .3.39         3.39           .3.39         3.39           .3.39         3.39</th> <th>.46         61           .17         0           .99         16           .67         2           .11         0           .99         16           .83         2           .11         0           .95         2           .11         0           .95         2           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .12         1           .13         0           .13         0           .13         0           .14         0           .15         0           .16         0           .17         0           .18         0           .19</th> <th>.96         51.           .59         .0.           .64         2.           .83         5.           .19         0.           .66         .6.           .91         7.           .15         4.           .63         2.           .63         2.           .63         2.           .64         38.           .61         5           .64         38.           .61         5           .64         38.           .62         34           .62         34           .62         34           .62         34           .62         34           .62         34           .62         34           .62         34           .62         34           .62         34           .62         38           .63         .61           .64         .62           .62         .62           .63         .62           .64         .62           .64         .62           .64         .62</th> <th>81         56           84         0           35         0           34         6           14         0           72         4           50         5           55         3           94         1           49         3           41         0           -         6           100         -           64         100           -         6           0.6         0           0.6         0           0.61         0           0.62         0           0.63         10           -         -           0.61         0           0.77         -           0.78         -           0.79         -           0.70         0           0.61         0           0.79         -           0.79         -           0.79         -           0.70         -           0.70         -           0.70         -           0.70         -           0.70</th> <th>117         54           172         00           172         01           19        </th> <th>.13         71           .96         .0           .33         .13           .36         .1           .31         .1           .22         .0           .92         .2           .43         .4           .57         .2           .16         .2           .17         .11           .0         .6           .0         .6           .0         .6           .0         .6           .0         .6           .0         .6           .0         .6           .0         .7           .13         .1           .22         .0           .37         14           .01         .0           .22         .0           .31         .1           .33         .1           .31         .1           .33         .1           .33         .1           .31         .1           .33         .1           .33         .1           .34         .2           .35         .1</th> <th>58         66           59         00           229         0           32         15           08         2           21         1           09         0           88         1           447         3           08         2           147         3           08         2           106         0           00         0           06         33           7.71         9           5.51         25           6.69         13           3.1         1.5           8.88         3           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -</th> <th>.87         71.           .12         0.           .33         13.           .19         1.           .59         0.           .59         0.           .50         0.           .53         1.           .55         3.           .55         3.           .55         3.           .55         3.           .55         2.           .51         16           .11         0.           .52         30.           .51         18.           .66         0.           .73         1           .14         -           -         -           .17         0           .13         13.</th> <th>31         63           324         62           62         17           51         2           48         1           03         0           03         0           64         1           80         3           322         3           305         2           066         2           075         7           075         7           075         7           075         7           075         7           075         7           076         18           07         18           07         9           07         9           07         9           07         9           08         9           095         3           095         3           095         3           095         3           005         10           005         10           005         10           005         10           005         10           005</th> <th>.83         5.           .48         .45           .45         11           .45         .12           .62         .63           .51         .84           .84         .36           .02         .4           .49         9           .24         .78           .663         .60           .663         .02           .01         -           -         .03           .29         -           -         .16           .91         .91</th> <th>4.01 5<br/>0.84<br/>3.69<br/>2.81<br/>0.09<br/>2.81<br/>1.59<br/>2.02<br/>0.25<br/>9.54<br/>9.53<br/>1.59<br/>2.02<br/>3.37<br/>1<br/>9.39<br/>3.30<br/>2.52<br/>3.10<br/>0.21<br/>8.13<br/>0.68<br/>1.59<br/>2.52<br/>3.10<br/>1.59<br/>2.52<br/>3.10<br/>2.52<br/>3.10<br/>2.52<br/>3.10<br/>2.52<br/>3.10<br/>2.52<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>3.10<br/>5.55<br/>5.55<br/>5.35<br/>1.59<br/>5.35<br/>1.59</th> <th>8.30 5<br/>0.93 4<br/>1.90 1<br/>2.19 0<br/>0.21 2<br/>1.39 0<br/>0.21 2<br/>1.39 0<br/>0.24 1<br/>1.36 1<br/>3.30 0<br/>26 9<br/>7.73 9<br/>1.64 1<br/>8.04 1<br/>5.01 2<br/>3.11 1<br/>1.89 3<br/>3.81 4<br/>.39 3<br/>3.81 4<br/>.39 1<br/>2.76 1<br/>.77</th> <th>8.23<br/>0.85<br/>0.85<br/>3.71<br/>2.90<br/>0.11<br/>2.35<br/>3.73<br/>4.72<br/>1.53<br/>3.28<br/>1.27<br/>0.21<br/>9.41<br/>9.92<br/>7.14<br/>9.94<br/>9.92<br/>7.14<br/>0.82<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-</th> | .30         68.           .31         0.           .38         0.           .42         0.           .42         0.           .66         0.           .97         0.           .97         0.           .97         0.           .78         3.           .28         1.           .78         3.           .97         0.           .57         99.          
.778         24.           .33         200.           .98         12.           .16         -           -         0.           .98         12.           .51         4.           -         0.           .90         .422           .51         4.           -         -           .51         4.           .51         4.           .51         -           .51         -           .51         -           .51         -           .72         0.  | .52         55           .52         50           .52         9           .52         9           .52         29           .52         4           .03         33           .08         0           .03         39           .57         4           .62         2           .63         2           .08         0           .57         4           .62         2           .08         0           .62         2           .08         0           .42         99           .62         2           .77         8           .991         6           .991         6           .51         2           .51         2           .51         2           .51         2           .51         2           .51         2           .51         2           .51         2           .51         2           .51         2           .55         3           .75     | .43 61<br>.94 17<br>.96 4<br>.56 2<br>.16 6<br>.57 10<br>.79 1<br>.97 2<br>.25 4<br>.10 1<br>.70 6<br>.66 6<br>.66 6<br>.66 6<br>.66 6<br>.66 7<br>.79 1<br>.70 6<br>.66 6<br>.66 6<br>.66 7<br>.79 1<br>.70 6<br>.66 4<br>.66 7<br>.50 7<br>.22 .46 1<br>.22 .46 1<br>.23 .46 1<br>.24 .46  | .26         59           .23         15           .41         2           .23         15           .41         2           .123         15           .41         2           .51         .41           .23         15           .41         2           .123         15           .12         .16           .76         2           .52         .4           .73         .3           .20         0.94           .33         0           .33         0           .4.63         21           .4.63         21           .4.63         21           .59         0           .4.22         99           -         -           -         -           .3.38         7           .3.39         3.39           .3.39         3.39           .3.39         3.39           .3.39         3.39           .3.39         3.39           .3.39         3.39  | .46         61           .17         0           .99         16           .67         2           .11         0           .99         16           .83         2           .11         0           .95         2           .11         0           .95         2           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .11         0           .12         1           .13         0           .13         0           .13         0           .14         0           .15         0           .16         0           .17         0           .18         0           .19   
   | .96         51.           .59         .0.           .64         2.           .83         5.           .19         0.           .66         .6.           .91         7.           .15         4.           .63         2.           .63         2.           .63         2.           .64         38.           .61         5           .64         38.           .61         5           .64         38.           .62         34           .62         34           .62         34           .62         34           .62         34           .62         34           .62         34           .62         34           .62         34           .62         34           .62         38           .63         .61           .64         .62           .62         .62           .63         .62           .64         .62           .64         .62           .64         .62   | 81         56           84         0           35         0           34         6           14         0           72         4           50         5           55         3           94         1           49         3           41         0           -         6           100         -           64         100           -         6           0.6         0           0.6         0           0.61         0           0.62         0           0.63         10           -         -           0.61         0           0.77         -           0.78         -           0.79         -           0.70         0           0.61         0           0.79         -           0.79         -           0.79         -           0.70         -           0.70         -           0.70         -           0.70         -           0.70 | 117         54           172         00           172         01           19   
   | .13         71           .96         .0           .33         .13           .36         .1           .31         .1           .22         .0           .92         .2           .43         .4           .57         .2           .16         .2           .17         .11           .0         .6           .0         .6           .0         .6           .0         .6           .0         .6           .0         .6           .0         .6           .0         .7           .13         .1           .22         .0           .37         14           .01         .0           .22         .0           .31         .1           .33         .1           .31         .1           .33         .1           .33         .1           .31         .1           .33         .1           .33         .1           .34         .2           .35         .1   
   
   
   
   
   
   
   
   
   
   | 58         66           59         00           229         0           32         15           08         2           21         1           09         0           88         1           447         3           08         2           147         3           08         2           106         0           00         0           06         33           7.71         9           5.51         25           6.69         13           3.1         1.5           8.88         3           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -                                  | .87         71.           .12         0.           .33         13.           .19         1.           .59         0.           .59         0.           .50         0.           .53         1.           .55         3.           .55         3.           .55         3.           .55         3.           .55         2.           .51         16           .11         0.           .52         30.           .51         18.           .66         0.           .73         1           .14         -           -         -           .17         0           .13         13.  | 31         63           324         62           62         17           51         2           48         1           03         0           03         0           64         1           80         3           322         3           305         2           066         2           075         7           075         7           075         7           075         7           075         7           075         7           076         18           07         18           07         9           07         9           07         9           07         9           08         9           095         3           095         3           095         3           095         3           005         10           005         10           005         10           005         10           005         10           005  
   | .83         5.           .48         .45           .45         11           .45         .12           .62         .63           .51         .84           .84         .36           .02         .4           .49         9           .24         .78           .663         .60           .663         .02           .01         -           -         .03           .29         -           -         .16           .91         .91   | 4.01 5<br>0.84<br>3.69<br>2.81<br>0.09<br>2.81<br>1.59<br>2.02<br>0.25<br>9.54<br>9.53<br>1.59<br>2.02<br>3.37<br>1<br>9.39<br>3.30<br>2.52<br>3.10<br>0.21<br>8.13<br>0.68<br>1.59<br>2.52<br>3.10<br>1.59<br>2.52<br>3.10<br>2.52<br>3.10<br>2.52<br>3.10<br>2.52<br>3.10<br>2.52<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>3.10<br>5.55<br>5.55<br>5.35<br>1.59<br>5.35<br>1.59  | 8.30 5<br>0.93 4<br>1.90 1<br>2.19 0<br>0.21 2<br>1.39 0<br>0.21 2<br>1.39 0<br>0.24 1<br>1.36 1<br>3.30 0<br>26 9<br>7.73 9<br>1.64 1<br>8.04 1<br>5.01 2<br>3.11 1<br>1.89 3<br>3.81 4<br>.39 3<br>3.81 4<br>.39 1<br>2.76 1<br>.77  | 8.23<br>0.85<br>0.85<br>3.71<br>2.90<br>0.11<br>2.35<br>3.73<br>4.72<br>1.53<br>3.28<br>1.27<br>0.21<br>9.41<br>9.92<br>7.14<br>9.94<br>9.92<br>7.14<br>0.82<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-  
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| sint<br>TicCont<br>Mgg<br>Mgg<br>Na,<br>Na,<br>Na,<br>Na,<br>Na,<br>Na,<br>Na,<br>Na,<br>Na,<br>Na,   | 2, 67, 20, 15, 20, 20, 20, 20, 30, 20, 30, 20, 30, 20, 30, 20, 30, 20, 30, 20, 30, 20, 30, 20, 30, 20, 20, 20, 20, 20, 20, 20, 20, 20, 2   
  | 1.32         66           1.41         0           1.41         0           1.67         15           1.67         15           1.37         3           1.37         3           1.37         3           1.37         3           1.37         3           1.36         3           1.36         2           1.36         2           1.36         2           1.36         2           1.36         2           1.37         3           1.36         2           1.37         3           1.36         2           1.37         3           1.36         2           1.37         3           1.36         2           1.37         3           1.48         11           1.99         12           1.69         1           -         -           -         -           -         -           9.97         1           1.78         1   
  | 30         67         0           67         0         67         0           67         0         1         7         1           7.1         15         26         1         1           121         2         2         1         1           0.88         0         0.11         0         3           7.72         3         3.95         2         2.3         0           0.04         0         0.04         0         0         4.44         14.7           7.71         16         6.44         2.44         2.44         4.64         31         7.71         0           -   
   
  | 1.19         66           6.65         0           6.61         15           2.25         1           1.53         2           0.1         0           9.97         0           9.97         0           2.11         1           1.10         99            0           0   
  | .25         68           .25         68           .43         .0           .54         .14           .21         .0           .91         .0           .91         .0           .91         .0           .91         .0           .91         .0           .91         .0           .91         .0           .93         .0           .94         .1           .93         .0           .01         .22           .99         .0           .35         .34           .79         .7           .135         .34           .79         .7           .11            .42         .99           .11 </td <td>.30         68.           .318         0.           .38         7           .42         0.           .42         0.           .42         0.           .42         0.           .97         0.           .97         0.           .97         0.           .70         2.           .70         2.           .70         2.           .70         3.           .70         3.           .70         2.           .710         2.           .720         0.           .73         20.           .74         3.3           .78         2.4.           .78         2.4.           .78         2.4.           .78         2.4.           .78         2.4.           .78         2.4.           .79         2.           .78         2.           .79         2.           .71         4.           .72         0.</td> <td>.52         55           .52         50           .52         9           .52         9           .52         4           .03         3           .00         0           .02         3           .03         3           .04         0           .05         1           .62         2           .08         0           .10         0           .10         0           .10         9           .51         2           .52         23           .51         2           .51         2           .51         2           .51         2           .51         2           .51         2           .51         1           .51         1           .51         1           .51         1           .51         1           .51         1           .75         5           .75         5</td> <td>.43         61           .94         17           .94         17           .94         17           .66         .08           .67         .10           .97         .2           .43         .16           .97         .2           .41         .10           .70         .2           .66         .06           .40         16           .95         4.0           .40         16           .95         4.0           .95         4.0           .80         .4           .88         .2           .92         .46           .92         .44</td> <td>.26         59           .46         1           .23         15           .41         2           .123         15           .41         2           .121         44           .76         2           .52         4.1           .73         3           .74         73           .73         3.3           .73         3.3           .73         3.3           .74         99           8.63         21           .71.5         4           -         -           -         -           .1.25         2           .29         4           -         -           .1.38         7           .1.39         7           .2.39         3</td> <td>.46         61           .47         0           .49         16           .47         29           .48         2           .41         0           .95         2           .41         0           .95         2           .48         10           .48         100           .87         24           .87         24           .87         24           .99         6           .48         100           .87         24           .34         6           .99         24           .34         6           .34         6           .99         24           .34         6           .34         6           .34         6           .34         6           .34         6           .34         6           .34         6           .34         6           .34         6           .34         6           .34         6           .34         7           .35</td> <td>.96         51.           .59         .0.           .64         2.           .64         2.           .66         .1.           .90         .66           .61         .5           .63         .2.           .63         .2.           .63         .2.           .64         .3.           .65         .99           .45         .4.           .64         .3.           .45         .4.           .45         .4.           .45         .4.           .46         .3.           .45         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.</td> <td>81         56           84         0           35         0           35         0           34         6           14         0           72         4           50         5           53         6           41         0           25         0           64         100           64         100           64         100           64         100           65         8           60         0           61         0           63         10           35         10           57         10           64         100           65         10           66         10           792         24           41         0           66         1           792         24</td> <td>17         54           17         54           172         00           172         00           10         19           45         3           48         3           48         3           47         3           47         3           48         0           44         3           48         0           44         3           48         0           48         0           48         0           48         0           48         0           48         0           48         0           53         7           72         24           0         9           53         7           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -</td> <td>.13         71           .96         .0           .33         .13           .36         1           .31         .13           .33         .12           .83         .0           .83         .13           .36         1           .31         .1           .31         .1           .33    
    .1           .57         .2           .37         .14           .37         .14           .33         .10           .4.         .00           .31         .1           .33         .10           .33         .10           .33         .10           .33         .10           .33         .10           .33         .10           .22         .00           .22         .00           .31         .1           .33         .10           .34         .10           .35         .10           .36         .10           .37         .14           .38         .10           .31         .1</td> <td>.58         66           .59         60           .29         00           .32         15           .08         2           .09         0           .88         1           .47         3           .69         33           .61         29           .62         33           .71         9           .69         33           .71         51           .69         33           .69         33           .61         39           .63         33           .88         3           .88         3           .88         3           .88         3           .88         3           .88         3           .88         3           .87         1           .57         3           .55         0</td> <td>.87         71.           12         0.           .12         3           .33         13.           .19         1.           .59         0.           .50         0.           .53         1.           .53         3.           .53         3.           .55         3.           .55         3.           .55         3.           .55         3.           .52         30.           .15         18.           .52         30.           .52         30.           .52         30.           .52         30.           .52         30.           .52         30.           .52         30.           .52         30.           .52         30.           .52         30.           .53         1.           .54            .52            .33            .31            .31            .31            .31        </td> <td>31         63           324         62           62         17           63         12           64         1           80         3           322         3           64         1           80         3           61         15           62         17           63         1005           64         1           80         3           64         1           80         3           75         1           75         1           75         1           75         1           75         1           75         4           70         -           70         -           70         -           70         -           70         -           70         -           70         -           70         -           70         -           70         -           70         -           70         -      70         -      70</td> <td>.83         5.           .48         .45           .45         11           .45         .12           .63         .51           .62         .63           .63         .51           .64         .36           .02         .36           .03         .24           .78         .69           .00         2           .01         -           -         -           .03         .29           -         -           .166         .91</td> <td>4.01 5<br/>0.84<br/>8.31 1<br/>3.69<br/>2.81<br/>0.09<br/>2.81<br/>0.09<br/>2.81<br/>1.59<br/>2.02<br/>0.25<br/>9.54 9<br/>9.39<br/>3.37 1<br/>2.33<br/>0.25<br/>9.39<br/>3.37 1<br/>2.52<br/>2.02<br/>0.25<br/>9.39<br/>3.37<br/>2.52<br/>2.53<br/>3.31<br/>0.59<br/>2.55<br/>3.37<br/>2.55<br/>3.37<br/>3.37<br/>2.55<br/>3.37<br/>3.37<br/>2.55<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.37<br/>3.57<br/>3.57<br/>3.57<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.55<br/>5.</td> <td>8.30 5<br/>0.93 4<br/>1.90 2<br/>1.90 2<br/>2.19 4<br/>0.21 2<br/>2.19 4<br/>1.36 1<br/>2.19 4<br/>1.38 4<br/>1.39 4<br/>1.06 1<br/>1.89 4<br/>1.89 4<br/></td> <td>8.23         0.85         0.852         3.71         2.90         0.11         2.35         3.73         4.72         1.53         3.28         9.41         3.55         9.02         7.14         0.82         -         5.85         1.06         -         5.38         1.61</td>  | .30         68.           .318         0.           .38         7           .42         0.           .42         0.           .42         0.           .42         0.           .97         0.           .97         0.           .97         0.           .70         2.           .70         2.           .70         2.           .70         3.           .70         3.           .70         2.           .710         2.           .720         0.           .73         20.           .74         3.3           .78         2.4.           .78         2.4.           .78         2.4.           .78         2.4.           .78         2.4.           .78         2.4.           .79         2.           .78         2.           .79         2.           .71         4.           .72         0.  | .52         55           .52         50           .52         9           .52         9           .52         4           .03         3           .00         0           .02         3           .03         3           .04         0           .05         1           .62         2           .08         0           .10         0           .10         0           .10         9           .51         2           .52         23           .51         2           .51         2           .51         2           .51         2           .51         2           .51         2           .51         1           .51         1           .51         1           .51         1           .51         1           .51         1           .75         5           .75         5  | .43         61           .94         17           .94         17           .94         17           .66         .08           .67         .10           .97         .2           .43         .16           .97         .2           .41         .10           .70         .2           .66         .06           .40         16           .95         4.0           .40         16           .95         4.0           .95         4.0           .80         .4           .88         .2           .92         .46           .92         .44  
   | .26         59           .46         1           .23         15           .41         2           .123         15           .41         2           .121         44           .76         2           .52         4.1           .73         3           .74         73           .73         3.3           .73         3.3           .73         3.3           .74         99           8.63         21           .71.5         4           -         -           -         -           .1.25         2           .29         4           -         -           .1.38         7           .1.39         7           .2.39         3   | .46         61           .47         0           .49         16           .47         29           .48         2           .41         0           .95         2           .41         0           .95         2           .48         10           .48         100           .87         24           .87         24           .87         24           .99         6           .48         100           .87         24           .34         6           .99         24           .34         6           .34         6           .99         24           .34         6           .34         6           .34         6           .34         6           .34         6           .34         6           .34         6           .34         6           .34         6           .34         6           .34         6           .34         7           .35   
  | .96         51.           .59         .0.           .64         2.           .64         2.           .66         .1.           .90         .66           .61         .5           .63         .2.           .63         .2.           .63         .2.           .64         .3.           .65         .99           .45         .4.           .64         .3.           .45         .4.           .45         .4.           .45         .4.           .46         .3.           .45         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.         .4.           .4.   | 81         56           84         0           35         0           35         0           34         6           14         0           72         4           50         5           53         6           41         0           25         0           64         100           64         100           64         100           64         100           65         8           60         0           61         0           63         10           35         10           57         10           64         100           65         10           66         10           792         24           41         0           66         1           792         24  | 17         54           17         54           172         00           172         00           10         19           45         3           48         3           48         3           47         3           47         3           48         0           44         3           48         0           44         3           48         0           48         0           48         0           48         0           48         0           48         0           48         0           53         7           72         24           0         9           53         7           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -  
  | .13         71           .96         .0           .33         .13           .36         1           .31         .13           .33         .12           .83         .0           .83         .13           .36         1           .31         .1           .31         .1           .33         .1           .57         .2           .37         .14           .37         .14           .33         .10           .4.         .00           .31         .1           .33         .10           .33         .10           .33         .10           .33         .10           .33         .10           .33         .10           .22         .00           .22         .00           .31         .1           .33         .10           .34         .10           .35         .10           .36         .10           .37         .14           .38         .10           .31         .1  
   
   
   
   
   
   
   
   
   
  | .58         66           .59         60           .29         00           .32         15           .08         2           .09         0           .88         1           .47         3           .69         33           .61         29           .62         33           .71         9           .69         33           .71         51           .69         33           .69         33           .61         39           .63         33           .88         3           .88         3           .88         3           .88         3           .88         3           .88         3           .88         3           .87         1           .57         3           .55         0  | .87         71.           12         0.           .12         3           .33         13.           .19         1.           .59         0.           .50         0.           .53         1.           .53         3.           .53         3.           .55         3.           .55         3.           .55         3.           .55         3.           .52         30.           .15         18.           .52         30.           .52         30.           .52         30.           .52         30.           .52         30.           .52         30.           .52         30.           .52         30.           .52         30.           .52         30.           .53         1.           .54            .52            .33            .31            .31            .31            .31   | 31         63           324         62           62         17           63         12           64         1           80         3           322         3           64         1           80         3           61         15           62         17           63         1005           64         1           80         3           64         1           80         3           75         1           75         1           75         1           75         1           75         1           75         4           70         -           70         -           70         -           70         -           70         -           70         -           70         -           70         -           70         -           70         -           70         -           70         -      70         -      70  
  | .83         5.           .48         .45           .45         11           .45         .12           .63         .51           .62         .63           .63         .51           .64         .36           .02         .36           .03         .24           .78         .69           .00         2           .01         -           -         -           .03         .29           -         -           .166         .91   | 4.01 5<br>0.84<br>8.31 1<br>3.69<br>2.81<br>0.09<br>2.81<br>0.09<br>2.81<br>1.59<br>2.02<br>0.25<br>9.54 9<br>9.39<br>3.37 1<br>2.33<br>0.25<br>9.39<br>3.37 1<br>2.52<br>2.02<br>0.25<br>9.39<br>3.37<br>2.52<br>2.53<br>3.31<br>0.59<br>2.55<br>3.37<br>2.55<br>3.37<br>3.37<br>2.55<br>3.37<br>3.37<br>2.55<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.37<br>3.57<br>3.57<br>3.57<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5.55<br>5. | 8.30 5<br>0.93 4<br>1.90 2<br>1.90 2<br>2.19 4<br>0.21 2<br>2.19 4<br>1.36 1<br>2.19 4<br>1.38 4<br>1.39 4<br>1.06 1<br>1.89 4<br>1.89 4<br>   | 8.23         0.85         0.852         3.71         2.90         0.11         2.35         3.73         4.72         1.53         3.28         9.41         3.55         9.02         7.14         0.82         -         5.85         1.06         -         5.38         1.61  
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| sisis<br>Tii<br>All,<br>Fee,<br>Fee,<br>Fee,<br>Gaca<br>Caca<br>Caca<br>Caca<br>Caca<br>Caca<br>Caca<br>Caca  | 22         67           22         00           202         00           203         15           203         0           203         0           203         0           203         0           203         0           203         0           203         0           203         0           203         0           203         0           203         0           203         0           203         0           204         0           205         0           203         0           204         0           205         0           203         0           204         0           205         0           204         0           205         0           204         0           205         0           205         0           206         0           207         0           208         0           209         0           200  
  | .122         66           .41         0           .41         0           .67         15           .67         15           .67         15           .67         15           .67         15           .667         15           .667         15           .667         15           .100         2           .56         3           .36         22           .56         3           .36         62           .67         16           .67         7           .53         24           .685         17           .11         31           .99         12           .647         2           .647         2           .647         2           .647         2           .647         2           .647         2           .647         2           .647         2           .647         2           .647         2           .647         2           .647         2  
  | .30         67         67         0           .67         0         71         15           .26         1         1         21         2           .21         .21         2         0         0           .63         .3         .72         3         0           .63         .3         .95         .2         .0           .23         .0         .0         .0         .0           .41         .24         .0         .44         .44           .44         .43         .17         .10  
   
  | 1.19         66           6.65         0           6.61         15           2.25         1           1.25.3         2           2.53         0           0.97         0           .97         0           .97         0           .97         0           .97         0           .97         0           .97         0           .97         0           .97         0           .97         0           .97         0           .97         0           .98         2           .95         3           .95         3           .95         2           .95         2           .95         2           .95         2           .90         -           .90         -           .91         1           .92         -           .93         2           .94         2           .95         5   
  | .25         68           .43         0           .43         1           .54         14           .21         0           .73         3           .73         3           .19         0           .19         0           .91         0           .41         4           .42         99           .41         74           .42         99           .00         .2           .35         34           .42         99           .42         99           .01         .2           .35         34           .479         .7           .11         .77           .58         .2           .55         .55           .55         .55           .75         .75           .25         .75           .42         .42           .75         .42           .42         .43           .43         .44           .44         .44           .45         .45           .55         .55  
  | .30         68.           .30         60.           .38         0.           .42         0.           .47         3.           .06         0.           .70         2.           .70         2.           .71         24.           .72         2.           .73         33           .74         33.           .75         99.           .77         2.           .78         24.           .79         .71           .71         24.           .73         33           .74         3.3           .78         24.           .79         .72           .71         .74           .72         .7           .73         .7           .74         .7           .75         .7           .75         .7           .74         .7           .75         .7           .74         .7           .75         .7           .7         .7           .7         .7           .7         .7     <           | .52         55           .52         55           .52         29           .52         29           .52         24           .53         4           .52         4           .53         4           .52         4           .53         4           .54         1           .62         2           .63         2           .54         1           .62         2           .64         2           .61         0           .62         2           .63         2           .64         2           .65         2           .65         2           .66         2           .61         0           .62         2           .63         0           .75         55           .75         5           .75         5           .75         5           .75         5           .75         5           .75         5   | -43 61<br>-77 c ()<br>-94 11<br>-98 14<br>-56 25<br>-16 ()<br>-79 1<br>-70 ()<br>-70 ()<br>-  | .26         59           .66         1           .23         15           .41         2           .123         15           .41         2           .123         15           .41         2           .52         4           .76         2           .73         3           .73         3.33           .033         0           .09         9           .4.2         99           .6.3         21           .55         4           .000         266           .15         4           .000         266           .5.8         21           .6.96         1           -         -           .3.3         7           .2.29         4           .3.30         7           .3.30         7           .3.30         7           .3.30    
    7           .3.30         7           .3.30         7           .3.30         7           .3.30         7           .3.30         7     <  | .46         61           .47         .99           .67         .2           .99         .16           .67         .2           .11         .0           .95         .2           .74         .4           .16         .3           .81         .0           .141         .3           .73         .26           .74         .4           .81         .0           .141         .3           .73         .26           .74         .4           .81         .0           .73         .4           .73         .26           .73         .26           .73         .26           .73         .26           .73         .26           .73         .26           .74         .34           .73         .26           .74         .4           .73         .26           .74         .27           .73         .26           .74         .4           .75         .77           .73         .4 </td <td>.96         51           .59         .0           .647         16.           .647         16.           .647         16.           .647         16.           .647         16.           .647         16.           .647         16.           .641         19           .661         .663           .633         .2           .645         .663           .646         .0           .657         .661           .661         .5           .644         .384   &lt;</td> <td>81         56           34         6           35         0           34         6           50         5           55         6           394         1           40         3           41         0           -         6           -         6           -         0           -         6           -         0</td> <td>117         54           177         00           19         45           3         34           3         34           3         34           3         77           8         3           47         3           52         3           48         0           20         1           1.24         0           0.88         n           .09         99           7.53         7           .53         7           .53         7           .74         3           .77         29           .25         37           .78         3           .38         0           .775         7           .88         1           .38         0           .75         7           .83         0           .75         7           .83         0           .655         4           .19         1</td> <td>.13         71           .96         .0           .33         .13           .36         1           .31         .13           .36         .1           .31         .36           .33         .12           .39         .12           .39         .12           .11         .16           .12         .0           .34         100           .37         14           .01         .34           .03         .10           .12         .0           .37         .14           .01         .34           .03         .10           .03         .10           .03         .10           .01         .13           .14         .16.3           .250         .13           .31         .1           .63         .1           .87         .1           .887         .1           .82         .2           .32         .33</td> <td>58         66           59         00           229         0           32         15           08         2           211         1           09         0           88         1           447         3           08         2           449         1           29         0           60         33           71         9           69         33           71         9           51         25           69         16           -         31           15         55           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -</td> <td>.87         71.           .12         0.           .33         13.           .19         1.           .59         0.           .59         0.           .50         0.           .53         1.           .55         3.           .55         3.           .55         2.           .55         3.           .55         2.           .55         3.           .52         30.           .515         18.           .29         35.           .20         35.           .73         1           .14         -           -         -           .17         1.           .23         0           .23         0           .23         0           .23         0           .24         .26</td> <td>31         63           324         62           62         17           51         2           48         1           80         3           644         1           800         3           644         1           800         3           644         1           800         3           647         1           800         5           905         100           644         22           0.05         100           644         22           0.05         100           644         22           0.2         16           6.69         29           6.61         18
          2.23         2           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -<!--</td--><td>.83         5.           .48         .45           .45         11           .45         .11           .45         .11           .45         .12           .63         .51           .62         .63           .63         .51           .84         .36           .02         .43           .24         .78           .669         3           .00         2           .01         -           -         .03           .229         -           .116         .91           -         .12</td><td>4.01 5<br/>0.84<br/>3.69<br/>2.81<br/>4.28<br/>7.07<br/>4.29<br/>2.02<br/>0.25<br/>2.02<br/>0.25<br/>3.37<br/>1.59<br/>5.35<br/>-<br/>-<br/>5.35<br/>-<br/>5.35</td><td>8.30 5<br/>0.93 4<br/>1.90 1<br/>1.90 2<br/>1.90 2<br/>2.19 6.72 1<br/>2.19 6.72 2<br/>1.39 0.68 0<br/>0.68 0<br/>0.26 9.73 9<br/>1.06 1<br/>1.64 1<br/>1.64 1<br/>1.64 1<br/>1.64 3<br/>1.64 1<br/>1.64 1<br/>1.64 1<br/>1.64 1<br/>1.64 1<br/>1.64 1<br/>1.64 1<br/>1.64 1<br/>1.64 0<br/>0.65 1<br/>0.65 1<br/>1.64 1<br/>1.</td><td>a.23         0.85         0.71         2.90         0.11         2.35         3.71         2.90         0.11         2.35         3.73         4.72         1.53         3.28         1.27         0.21         9.41         3.55         9.04         9.92         7.14         -      -        -      -&lt;</td></td> | .96         51           .59         .0           .647         16.           .647         16.           .647         16.           .647         16.           .647         16.           .647         16.           .647         16.           .641         19           .661         .663           .633         .2           .645         .663           .646         .0           .657         .661           .661         .5           .644         .384   <   | 81         56           34         6           35         0           34         6           50         5           55         6           394         1           40         3           41         0           -         6           -         6           -         0           -         6           -         0   | 117         54           177         00           19         45           3         34           3         34           3         34           3         77           8         3           47         3           52         3           48         0           20         1           1.24         0           0.88         n           .09         99           7.53         7           .53         7           .53         7           .74         3           .77         29           .25         37           .78         3           .38         0           .775         7           .88         1           .38         0           .75         7           .83         0           .75         7           .83         0           .655         4           .19         1   | .13         71           .96         .0           .33         .13           .36         1           .31         .13           .36         .1           .31         .36           .33         .12           .39         .12           .39         .12           .11         .16           .12         .0           .34         100           .37         14           .01         .34           .03         .10           .12         .0           .37         .14           .01         .34          
.03         .10           .03         .10           .03         .10           .01         .13           .14         .16.3           .250         .13           .31         .1           .63         .1           .87         .1           .887         .1           .82         .2           .32         .33   
   
   
   
   
   
   
   
   
  | 58         66           59         00           229         0           32         15           08         2           211         1           09         0          
88         1           447         3           08         2           449         1           29         0           60         33           71         9           69         33           71         9           51         25           69         16           -         31           15         55           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -   | .87         71.           .12         0.           .33         13.           .19         1.           .59         0.           .59         0.           .50         0.           .53         1.           .55         3.           .55         3.           .55         2.           .55         3.           .55         2.           .55         3.           .52         30.           .515         18.           .29         35.           .20         35.           .73         1           .14         -           -         -           .17         1.           .23         0           .23         0           .23         0           .23         0           .24         .26  | 31         63           324         62           62         17           51         2           48         1           80         3           644         1           800         3           644         1           800         3           644         1           800         3           647         1           800         5           905         100           644         22           0.05         100           644         22           0.05         100           644         22           0.2         16           6.69         29           6.61         18           2.23         2           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         - </td <td>.83         5.           .48         .45           .45         11           .45         .11           .45         .11           .45         .12           .63         .51           .62         .63           .63         .51           .84         .36           .02         .43           .24         .78           .669         3           .00         2           .01         -           -         .03           .229         -           .116         .91           -         .12</td> <td>4.01 5<br/>0.84<br/>3.69<br/>2.81<br/>4.28<br/>7.07<br/>4.29<br/>2.02<br/>0.25<br/>2.02<br/>0.25<br/>3.37<br/>1.59<br/>5.35<br/>-<br/>-<br/>5.35<br/>-<br/>5.35</td> <td>8.30 5<br/>0.93 4<br/>1.90 1<br/>1.90 2<br/>1.90 2<br/>2.19 6.72 1<br/>2.19 6.72 2<br/>1.39 0.68 0<br/>0.68 0<br/>0.26 9.73 9<br/>1.06 1<br/>1.64 1<br/>1.64 1<br/>1.64 1<br/>1.64 3<br/>1.64 1<br/>1.64 1<br/>1.64 1<br/>1.64 1<br/>1.64 1<br/>1.64 1<br/>1.64 1<br/>1.64 1<br/>1.64 0<br/>0.65 1<br/>0.65 1<br/>1.64 1<br/>1.</td> <td>a.23         0.85         0.71         2.90         0.11         2.35         3.71         2.90         0.11         2.35         3.73         4.72         1.53         3.28         1.27         0.21         9.41         3.55         9.04         9.92         7.14         -      -        -      -&lt;</td> | .83         5.           .48         .45           .45         11           .45         .11           .45         .11           .45         .12           .63         .51           .62         .63           .63         .51           .84         .36           .02         .43           .24         .78           .669         3           .00         2           .01         -           -         .03           .229         -           .116         .91           -         .12   | 4.01 5<br>0.84<br>3.69<br>2.81<br>4.28<br>7.07<br>4.29<br>2.02<br>0.25<br>2.02<br>0.25<br>3.37<br>1.59<br>5.35<br>-<br>-<br>5.35<br>-<br>5.35  | 8.30 5<br>0.93 4<br>1.90 1<br>1.90 2<br>1.90 2<br>2.19 6.72 1<br>2.19 6.72 2<br>1.39 0.68 0<br>0.68 0<br>0.26 9.73 9<br>1.06 1<br>1.64 1<br>1.64 1<br>1.64 1<br>1.64 3<br>1.64 1<br>1.64 1<br>1.64 1<br>1.64 1<br>1.64 1<br>1.64 1<br>1.64 1<br>1.64 1<br>1.64 0<br>0.65 1<br>0.65 1<br>1.64 1<br>1. | a.23         0.85         0.71         2.90         0.11         2.35         3.71         2.90         0.11         2.35         3.73         4.72         1.53         3.28         1.27         0.21         9.41         3.55         9.04         9.92         7.14         -      -        -      -<  
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| sic<br>TicCon<br>Man<br>Maga<br>Man<br>Mgg<br>Maga<br>Kg2<br>CaCco<br>CaCcon<br>Naja<br>Kg2<br>CaCcon<br>CaCcon<br>Naja<br>Kg2<br>CaCcon<br>Naja<br>Naja<br>Naja<br>Naja<br>Naja<br>Naja<br>Naja<br>Naj   | 202         67           202         67           202         67           203         15           203         15           203         15           203         15           203         15           203         15           203         15           203         15           203         13           203         33  
  | .122         66           .41         0           .41         0           .67         15           .67         15           .67         15           .67         15           .67         15           .67         16           .67         15           .67         16           .66         0           .56         3           .56         2           .67         10           .56         3           .682         1           .67         10           .68         17           .67         11           .99         12           .669         11           .11         11           .99         12           .67         7           .7         -           .7         -           .97         1           .97         1           .97         1           .44         0           .144         0   
  | 30         67         0           67         0         67         0           67         0         1         67         0           71         15         1         1         2         1         1           121         2         0         0         0         0         0           63         3         3         7         3         9         5         2         1         1         0 <t< td=""><td>1.19         66           6.65         0           6.61         15           1.25         1           1.53         2           1.53         2           0.1         0           9.7         0           0.58         4           7.1         3           9.95         3           7.10         3.82           9.52         1.5           5.26         -           -         0           1.43         22           -         -           1.42         1           4.43         22           -         -           -         0           -         -           -         1.42           4.43         22           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -&lt;</td><td>.25         68         68           .43         .0         .54         14           .21         .0         .73         .3         .54         14           .21         .0         .73         .3         .54         14           .21         .0         .73         .3         .54         .14           .19         .0         .19         .0         .14         .14         .14         .14         .14         .14         .14         .14         .14         .14         .14         .14         .14         .14         .14         .16         .12         .20         .22         .11         .23         .14         .15         .12         .13         .14         .15         .15         .11          .15         .55         .5                                      </td><td>.30         68.           .31         0.           .38         0.           .42         0.           .47         3.           .66         0.           .97         0.           .97         0.           .97         0.           .97         0.           .97         0.           .98         1.           .78         2.           .78         2.           .78         2.           .78         2.           .78         2.           .78         2.           .78         2.           .78         2.           .78         2.           .78         2.           .78         2.           .79            .78         2.           .79            .90            .91            .92            .93            .94            .93            .94            .95        </td><td>552         55           552         60           552         29           6         552           4         30           9         3           900         55           4         3           900         5           57         4           62         23           900         557           4         10           0         08           0         08           910         6           552         23           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -</td><td>-43 61<br/>-43 61<br/>-77 62<br/>-94 17<br/>-94 17<br/>-94 17<br/>-77 -94 17<br/>-77 -94 17<br/>-77 -95<br/>-77 -13<br/>-77 -77 -13<br/>-77 -13<br/>-7</td><td>.26         59           .23         15           .41         2           .43         15           .41         2           .43         15           .41         2           .43         15           .122         4           .76         2           .52         4           .73         3.3           .73         3.3           .99         0           .99         0           .42         99           .6.5         21           .98         21           .99         0           .42         99           .53         30           .99         -           .99         -           .99         -           .99         -           .99         -           .90         20           .91         -           .92         0           .93         .93           .93         .93           .93         .93           .93         .93           .93         .93      <tr td=""></tr></td><td>.46         61           .47         0           .49         16           .49         16           .49         16           .40         .41           .41         .41           .41         .41           .41         .43           .41         .43           .41         .43           .41         .44           .43         .44           .44         .44           .44         .44           .44         .44           .44         .44           .44         .44           .45         .44           .46         .44           .47         .44           .48         .44           .44         .44           .45         .44           .46         .44           .47         .44           .48         .44           .49         .44           .41         .44           .42         .44           .43         .44           .44         .44           .45         .44           .44</td><td>.96         51           .59         .0           .647        
1.6           .647         1.6           .647         1.6           .647         1.6           .661         .6           .633         .2           .641         .5           .643         .2           .643         .2           .644         .3           .645         .4           .641         .5           .641         .5           .644         .3           .35         .2           .34         .4           .62         .3           .440         1           .62         .3           .433         .2           .643         .3           .34         .2           .34         .2           .312         1           .312         .3           .312         .3           .34         .3           .35         .3           .36         .3           .37         .37</td><td>81         56           84         0           35         0           35         0           34         6           50         5           55         3           94         1           49         3           41         0           25         0           64         100           -         6           0         0           0.2         0           0.2         1           0.2         0           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.4         1           0.57         1</td><td>17         54           17         54           172         00           19         11           45         3           48         3           48         3           52         3           52         3           53         7           224         0           08         n           09         99           -53         7           -77         29           .25         37           -7         -           .38         0           .75         7           .88         1           -         -           -         -           .655         4           .37         1           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -      &lt;</td><td>.13         71           .96         .0           .83         13           .36         1           .31         .1           .32         .0           .83         .0           .36         1           .31         .1           .31         .1           .31         .1           .31         .1           .57         .2           .12         .0           .3.         .1      <t< td=""><td>.58         66           .59         66           .29         0           .32         15           .08         2           .09         0           .09         0           .09         0           .08         1           .47         3           .08         2           .08         2           .08         2           .08         2           .08         2           .08         2           .08         2           .01         19           .69         33           .51         25           .69         16           .43         31           .55         0           .55         0               .114         0</td><td>.87         71.           .12         0.           .12         3.           .13         13.           .19         1.           .59         0.           .50         0.           .50         0.           .50         0.           .50         0.           .50         0.           .51         1.           .52         30.           .51         16           .11         0.           .52         30.           .52         30.           .52         30.           .53         1.           .52         30.           .53         1.           .54         .57           .37         1           .13  </td><td>31         63           324         62           62         17           551         2           48         1           103         0           644         1           800         3           0.55         2           22         3           0.05         2           0.05         2           0.05         7           1.05         n           .05         100           .044         22           .05         1           .05         10           .05         10           .05         2           .05         3           .05         3           .05         11           .05         3           .05         4           .05         3           .05         3           .05         3           .05         3           .05         3           .05         3           .05         3           .05         3           .05         3           .06</td></t<><td>.83         5.48           .44         11           .45         11           .45         11           .45         11           .45         11           .45         11           .45         11           .62         .63           .51         .64           .62         .63           .64         .36           .02         .24           .78         .69           .001         -           -         .003           .29         -           .16         .91           -         -           .7         .76</td><td>4.01 5<br/>0.84<br/>3.69<br/>2.81<br/>0.09<br/>4.28<br/>7.07<br/>4.29<br/>2.02<br/>0.29<br/>9.54<br/>9.39<br/>1.59<br/>3.37<br/>1.59<br/>3.37<br/>1.59<br/>3.37<br/>1.59<br/>5.35<br/>5.535<br/>5.535<br/>1.59<br/>M.</td><td>8.30 (5)<br/>0.93 (5)<br/>1.90 (2)<br/>2.19 (6)<br/>0.21 (2)<br/>2.19 (6)<br/>72 (4)<br/>1.36 (1)<br/>0.68 (1)<br/>0.68 (1)<br/>0.68 (1)<br/>0.68 (1)<br/>1.08 (1)<br/>0.68 (1)<br/>1.08 (1)<br/>1.08 (1)<br/>1.08 (1)<br/>1.08 (1)<br/>1.08 (1)<br/>1.08 (1)<br/>1.09 (1)</td><td>8.23<br/>0.85<br/>0.85<br/>3.71<br/>2.90<br/>0.11<br/>2.35<br/>3.73<br/>4.72<br/>1.53<br/>3.28<br/>1.27<br/>0.21<br/>9.41<br/>3.55<br/>9.04<br/>9.92<br/>7.14<br/>0.82<br/>-<br/>-<br/>5.88<br/>1.61<br/>-<br/>5.38<br/>1.61<br/>-<br/>5.38<br/>1.61<br/>-<br/>5.38<br/>1.61<br/>-<br/>5.38<br/>1.61<br/>-<br/>5.38<br/>1.61<br/>-<br/>5.38<br/>1.61<br/>-<br/>5.38<br/>1.62<br/>-<br/>5.38<br/>1.62<br/>-<br/>5.38<br/>1.62<br/>-<br/>5.38<br/>1.62<br/>-<br/>5.58<br/>1.64<br/>-<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5</td></td></t<> | 1.19         66           6.65         0           6.61         15           1.25         1           1.53         2           1.53         2           0.1         0           9.7         0           0.58         4           7.1         3           9.95         3           7.10         3.82           9.52         1.5           5.26         -           -         0           1.43         22           -         -           1.42         1           4.43         22           -         -           -         0           -         -    
      -         1.42           4.43         22           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -<  | .25         68         68           .43         .0         .54         14           .21         .0         .73         .3         .54         14           .21         .0         .73         .3         .54         14           .21         .0         .73         .3         .54         .14           .19         .0         .19         .0         .14         .14         .14         .14         .14         .14         .14         .14         .14         .14         .14         .14         .14         .14         .14         .16         .12         .20         .22         .11         .23         .14         .15         .12         .13         .14         .15         .15         .11          .15         .55         .5   
   
   | .30         68.           .31         0.           .38         0.           .42         0.           .47         3.           .66         0.           .97         0.           .97         0.           .97         0.           .97         0.           .97         0.           .98         1.           .78         2.           .78         2.           .78         2.           .78         2.           .78         2.           .78         2.           .78         2.           .78         2.           .78         2.           .78         2.           .78         2.           .79            .78         2.           .79            .90            .91            .92            .93            .94            .93            .94            .95  | 552         55           552         60           552         29           6         552           4         30           9         3           900         55           4         3           900         5           57         4           62         23           900         557           4         10           0         08           0         08           910         6           552         23           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -   | -43 61<br>-43 61<br>-77 62<br>-94 17<br>-94 17<br>-94 17<br>-77 -94 17<br>-77 -94 17<br>-77 -95<br>-77 -13<br>-77 -77 -13<br>-77 -13<br>-7   | .26         59           .23         15           .41         2           .43         15           .41         2           .43         15           .41         2           .43         15           .122         4           .76         2           .52         4           .73         3.3           .73         3.3           .99         0           .99         0           .42         99           .6.5         21           .98         21           .99         0           .42         99           .53         30           .99         -           .99         -           .99         -           .99         -           .99         -           .90         20           .91         -           .92         0           .93         .93           .93         .93           .93         .93           .93         .93           .93         .93 <tr td=""></tr>  | .46         61           .47         0           .49         16           .49         16           .49         16           .40         .41           .41         .41           .41         .41           .41         .43           .41         .43           .41         .43           .41         .44           .43         .44           .44         .44           .44         .44           .44         .44           .44         .44           .44         .44           .45         .44           .46         .44           .47         .44           .48         .44           .44         .44           .45         .44           .46         .44           .47         .44           .48         .44           .49         .44           .41         .44           .42         .44           .43         .44           .44         .44           .45         .44           .44   
  | .96         51           .59         .0           .647         1.6           .647         1.6           .647         1.6           .647         1.6           .661         .6           .633         .2           .641         .5           .643         .2           .643         .2           .644         .3           .645         .4           .641         .5           .641         .5           .644         .3           .35         .2           .34         .4           .62         .3           .440         1           .62         .3           .433         .2           .643         .3           .34         .2           .34         .2           .312         1           .312         .3           .312         .3           .34         .3           .35         .3           .36      
  .3           .37         .37   | 81         56           84         0           35         0           35         0           34         6           50         5           55         3           94         1           49         3           41         0           25         0           64         100           -         6           0         0           0.2         0           0.2         1           0.2         0           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.2         1           0.4         1           0.57         1      | 17         54           17         54           172         00           19         11           45         3           48         3           48         3           52         3           52         3           53         7           224         0           08         n           09         99           -53         7           -77         29           .25         37           -7         -           .38         0           .75         7           .88         1           -         -           -         -           .655         4           .37         1           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -           -         -      <  | .13         71           .96         .0           .83         13           .36         1           .31         .1           .32         .0           .83         .0           .36         1           .31         .1           .31         .1           .31         .1           .31         .1           .57         .2           .12         .0           .3.         .1 <t< td=""><td>.58         66           .59         66           .29         0           .32         15           .08         2           .09         0           .09         0           .09         0           .08         1           .47         3           .08         2           .08         2           .08         2           .08         2           .08         2           .08         2           .08         2           .01         19           .69         33           .51         25           .69         16           .43         31           .55         0           .55         0               .114         0</td><td>.87         71.           .12         0.           .12         3.           .13         13.           .19         1.           .59         0.           .50         0.           .50         0.           .50         0.           .50         0.           .50         0.           .51         1.           .52         30.           .51         16           .11         0.           .52         30.           .52         30.           .52         30.           .53         1.           .52         30.           .53         1.           .54         .57           .37         1           .13  </td><td>31         63           324         62           62         17           551         2           48         1           103         0           644         1           800         3           0.55         2           22         3           0.05         2           0.05         2           0.05         7           1.05         n           .05         100           .044         22           .05         1           .05         10           .05         10           .05         2           .05         3           .05         3           .05         11           .05         3           .05         4           .05         3           .05         3           .05         3           .05         3           .05         3           .05         3           .05         3           .05         3           .05         3           .06</td></t<> <td>.83         5.48           .44         11           .45         11           .45         11           .45         11           .45         11           .45         11           .45         11        
  .62         .63           .51         .64           .62         .63           .64         .36           .02         .24           .78         .69           .001         -           -         .003           .29         -           .16         .91           -         -           .7         .76</td> <td>4.01 5<br/>0.84<br/>3.69<br/>2.81<br/>0.09<br/>4.28<br/>7.07<br/>4.29<br/>2.02<br/>0.29<br/>9.54<br/>9.39<br/>1.59<br/>3.37<br/>1.59<br/>3.37<br/>1.59<br/>3.37<br/>1.59<br/>5.35<br/>5.535<br/>5.535<br/>1.59<br/>M.</td> <td>8.30 (5)<br/>0.93 (5)<br/>1.90 (2)<br/>2.19 (6)<br/>0.21 (2)<br/>2.19 (6)<br/>72 (4)<br/>1.36 (1)<br/>0.68 (1)<br/>0.68 (1)<br/>0.68 (1)<br/>0.68 (1)<br/>1.08 (1)<br/>0.68 (1)<br/>1.08 (1)<br/>1.08 (1)<br/>1.08 (1)<br/>1.08 (1)<br/>1.08 (1)<br/>1.08 (1)<br/>1.09 (1)</td> <td>8.23<br/>0.85<br/>0.85<br/>3.71<br/>2.90<br/>0.11<br/>2.35<br/>3.73<br/>4.72<br/>1.53<br/>3.28<br/>1.27<br/>0.21<br/>9.41<br/>3.55<br/>9.04<br/>9.92<br/>7.14<br/>0.82<br/>-<br/>-<br/>5.88<br/>1.61<br/>-<br/>5.38<br/>1.61<br/>-<br/>5.38<br/>1.61<br/>-<br/>5.38<br/>1.61<br/>-<br/>5.38<br/>1.61<br/>-<br/>5.38<br/>1.61<br/>-<br/>5.38<br/>1.61<br/>-<br/>5.38<br/>1.62<br/>-<br/>5.38<br/>1.62<br/>-<br/>5.38<br/>1.62<br/>-<br/>5.38<br/>1.62<br/>-<br/>5.58<br/>1.64<br/>-<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5.58<br/>5</td>  
   
   
   
   
   
   
   
   
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  | .83         5.48           .44         11           .45         11           .45         11           .45         11           .45         11           .45         11           .45         11           .62         .63           .51         .64           .62         .63           .64         .36           .02         .24           .78         .69           .001         -           -         .003           .29         -           .16         .91           -         -           .7         .76   | 4.01 5<br>0.84<br>3.69<br>2.81<br>0.09<br>4.28<br>7.07<br>4.29<br>2.02<br>0.29<br>9.54<br>9.39<br>1.59<br>3.37<br>1.59<br>3.37<br>1.59<br>3.37<br>1.59<br>5.35<br>5.535<br>5.535<br>1.59<br>M.   | 8.30 (5)<br>0.93 (5)<br>1.90 (2)<br>2.19 (6)<br>0.21 (2)<br>2.19 (6)<br>72 (4)<br>1.36 (1)<br>0.68 (1)<br>0.68 (1)<br>0.68 (1)<br>0.68 (1)<br>1.08 (1)<br>0.68 (1)<br>1.08 (1)<br>1.08 (1)<br>1.08 (1)<br>1.08 (1)<br>1.08 (1)<br>1.08 (1)<br>1.09 (1)   | 8.23<br>0.85<br>0.85<br>3.71<br>2.90<br>0.11<br>2.35<br>3.73<br>4.72<br>1.53<br>3.28<br>1.27<br>0.21<br>9.41<br>3.55<br>9.04<br>9.92<br>7.14<br>0.82<br>-<br>-<br>5.88<br>1.61<br>-<br>5.38<br>1.61<br>-<br>5.38<br>1.61<br>-<br>5.38<br>1.61<br>-<br>5.38<br>1.61<br>-<br>5.38<br>1.61<br>-<br>5.38<br>1.61<br>-<br>5.38<br>1.62<br>-<br>5.38<br>1.62<br>-<br>5.38<br>1.62<br>-<br>5.38<br>1.62<br>-<br>5.58<br>1.64<br>-<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5.58<br>5 |   |  |  
   
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ている岩石が多い.すなわち,最下部流紋岩層には 黒雲母,下部石英安山岩層では単斜輝石・斜方輝石 ・角閃石・黒雲母,中部石英安山岩層・上部石英安 山岩層では角閃石・黒雲母が含まれている.このう ち含有鉱物の検討を行なった最下部流紋岩類(H-01), 下部石英安山岩類 (H-12, H-15, H-23, H-47, H-51, H-54, H-61, H-62, H-67, H-69, H-70, H-71, H-95)

について簡単に記載する。

最下部流紋岩類は一般に塊状で斑晶,マトリック スともに斜長石(斑晶:An 25-32;マトリックス: An 15-28)・アルカリ長石・石英・黒雲母からなる。 匹見層群中ではもっとも再結晶作用が著しく,一見 花崗斑岩様外観を呈する。

下部石英安山岩類は優黒色で本質岩片を含む。再



第2図 A-F-M図

結晶のため溶結構造は認め難い. 斑晶は破片状のも のが多く、斜長石(An 24-70)・アルカリ長石・石英 ・単斜輝石・斜方輝石・緑色角閃石・黒雲母および チタン鉄鉱からなる. 輝石類はほとんど周縁部がへ スティングサイト質角閃石によって交代されている. 黒雲母は赤褐色の多色性が強い.このことはTiO2が 多い(第6表)以外にFe2O3/(Fe2O3+FeO)が小さ いためであるとされている(HAYAMA, 1959).また 屈折率が高い(1.656-1.668).

田万川層群及び相当層:分析に供したのはⅢ期流 紋デイサイトに対比される試料(浜田岩体:T-04, T-13, T-14, T-15, T-20)であり,これらの岩石は 一般に青灰色~紫灰色を示し,鏡下では弱い溶結構 造を呈する.斑晶は石英・斜長石(An 24-44)・普 通角閃石・変質黒雲母よりなり,いずれも破片状で ある.またアルカリ長石斑晶に乏しい(<2 vol.%). マトリックスは細かい石英・斜長石およびそれらの 結晶片・岩石片・軽石片・Fe-Ti酸化鉱物・スフェ ーンを含む.Fe-Ti酸化鉱物全容量の約80%以上は 磁鉄鉱が占める.この点,匹見層群の同質火山岩中 にはチタン鉄鉱のみしか含まれないのと対象的であ り,その差異が注目される:

### 全岩組成

第2表に鉱物分析を行なった岩石の主成分化学組 成を示す。未公表データをも含めて化学組成を検討 すると、火山岩類のSiO<sub>2</sub>は約52~79wt.%の範囲を 有し、関門層群(C-01)、および田万川層群(T-09) には玄武岩質安山岩がみられる.A-F-M図(第2図) 上ではどの層群の火山岩類もほぼ DALY(1933)の カルク・アルカリ岩系に近い位置にプロットされる。 しかし層群別にみると関門層群は他層群の同質火山 岩類に比較しMgOに富む\*また匹見・阿武両層群の 構成岩石は他層群の火山岩類よりもFeOに富み、ソ レアイト系列寄りの化学組成を示す。類似の傾向は 濃飛流紋岩においても指摘されている(山田ほか、 1971).このような濃飛流紋岩との化学組成の類似性 は後述のK<sub>2</sub>O/Na<sub>2</sub>Oとに関しても認められ、両者共 にK<sub>2</sub>O/Na<sub>2</sub>O>1のものが多い(第3図).

第3図はSiO<sub>2</sub>とK<sub>2</sub>O/Na<sub>2</sub>O比との関係を示す図で、 参考としてMUKAE (1958)による山陰グリーン・タ フ構成岩のデータおよび濃飛流紋岩のデータ(山田 ほか、1971)をも併せ示す。この図より明らかなよ うに、白亜紀火山岩相互間および第三紀火山岩相互 間では層群間での差がほとんど認められないのに、 白亜紀火山岩類全体と第三紀火山岩類全体とを比較 する時には両者間にかなり明瞭な差が存在する。す なわち、田万川層群とその相当層の火山岩類はグリ ーン・タフ地域の火山岩類と同様に白亜紀火山岩類 に比べてK<sub>2</sub>O/Na<sub>2</sub>O比が低い.類似の化学組成に関 する差は広島帯の白亜紀深成岩類と第三紀深成岩類 とを比較した場合にも認められている(SHIBATA et al., 1960;大庭, 1966;村上, 1959, 1960, 1969;

<sup>\*</sup> 火山岩中のFe-Ti酸化鉱物・硫化鉱物の鉱物組合せ、容量比 などについては層群別に同質岩を比較した場合にも顕著な 相異がみられる。これらFe-Ti酸化鉱物・硫化鉱物の産状、 化学組成などについては稿を改めて論じる予定である。

<sup>\*</sup> この点、山崎ほか(1969)、氏家(1970)によって記載され た瀬戸内岩石区のカルク・アルカリ岩類に類似するが、鉱 物組合せの上では異なる。



第3図 K<sub>2</sub>O/Na<sub>2</sub>O-SiO<sub>2</sub>図 △:関門層群, ①:周南層群, 〇:匹見層群, ●:阿武層群, □:田万川 層群及び相当層, ■:山陰グリーン・タフ地域の火山岩類, +: 濃飛流紋 岩類(図上の線は中生代火山岩類と第三紀火山岩類の大体の境界を表わす)

ISHIHARA, 1971;沢田, 1978). この事実と他の地質 学的データをも併せ考えると, すでに村上(1959)に よって指摘されているように, 古第三紀田万川層群 とその相当層における火成活動はグリーン・タフ火 成活動の先駆をなすものとしてとらえることができ る.

#### 鉱物組成

火山岩中の輝石・角閃石・黒雲母斑晶の定量分析 は広島大学理学部の日本電子製JXA-5型のEPMAを 用いて行なった.分析条件,使用した標準試料,測 定結果の補正計算などはSUZUKI(1977, p. 248-249) の記載と同じである.

1. 輝石

火山岩中の有色鉱物には新鮮なものが少ないが,

その中でも輝石はもっとも保存のよい有色鉱物であ る.これを含む岩石の化学組成は層群によりかなり 異なる.全岩のSiO<sub>2</sub>量との関係をみると、田万川層 群ではほぼSiO<sub>2</sub>=60%以下の火山岩にのみ輝石(大 部分単斜輝石)が含まれるのに対し、関門層群・周 南層群ではSiO<sub>2</sub>=65%以下の岩石に含有(ほとんど 単斜輝石)が認められ、匹見層群ではほぼSiO<sub>2</sub>=65 -70%の火山岩中に普遍的に輝石(斜方輝石+単斜 輝石)の含有が認められる.

次に輝石類\*の化学組成を検討してみよう.分析結 果\*\*を第3,4表に示す.まず単斜輝石ではもっと

石基中のものには新鮮なものが少ないので定量は関門層 群の1試料(C-01)を除き、斑晶についてのみ行なわれた。

<sup>\*\*</sup> 数ポイントの平均化学組成。角閃石・黒雲母についても 同様。

#### 今岡照喜・村上允英

C-01\*\*\* C-02 s-02 s-04 s-21 s-74 S-83 K-03 H-15 C-01 s-06 S-07 S-10 s-11 s-12 No. 51.10 51.38 50.78 50.75 51.74 SiO<sub>2</sub> 51.47 51.81 51.88 51.22 50.00 51.30 50.72 51.22 50.67 51.72 TiO<sub>2</sub> Al<sub>2</sub>O 0.62 0.08 0.32 0.20 0.48 0.68 0.62 0.74 0.53 0.44 0.62 0.53 0.63 0.32 0.23 3.36 2.87 3.33 0.91 1.20 1.47 2.05 2.49 1.65 1.11 1.72 1.86 1.82 1.42 1.03 0.08 n.d. 14.90 n.d. 9.77 n.d Cr<sub>2</sub>C FeO\* 0 59 0.91 n.d. 0.07 n.d. n.d. 0 13 n d 0 09 0.08 0.11 6.97 4.66 11.83 9.74 12.97 10.86 10.83 12.39 11.62 14.51 14.61 14.54 MnO 0.22 0.26 0.08 0.45 0 47 0 29 0 43 0.20 0.40 0.46 0.46 0.43 0.48 0.46 0.52 18.19 15.39 11.89 15.08 13.16 12.48 18.03 16.98 15.68 14.53 ΜαΟ 15.66 13.81 19.32 20.61 19.63 CaO 18.44 18.20 22.37 21.09 19.62 19.53 19.94 19.62 19.45 19.78 18.96 20.84 0.28 0.27 0.48 0.25 0.51 0.29 0.25 0.25 Na<sub>2</sub>O 0.36 0.21 0.06 0.27 ĸ₂ó n.d. n.d. n.d. n.d. 0.00 n.d. 0.01 n.d. 0.01 0.00 n.d. 0.00 0.04 n.d. n.d. 100.34 99.46 100.74 100.25 99.86 100.56 99.24 99.83 99.52 100.32 99.85 99.91 100.15 100.23 100.60 Tota Numbers of cations on the basis of 6 oxygens 1.885 1.914 1.890 1.924 1.962 1.917 1.912 1.891 1.926 1.931 1.941 1.922 1.911 1.961 1.969 Si ăī₹¥ 0.109 0.059 0.078 0.115 0.086 0.110 0.040 0 038 0.065 0.088 0.073 0.050 0.081 0.039 0.031 0.030 0.039 0.016 0.003 0.025 0.015 Al Ti 0.033 0.017 0.002 0.009 0.005 0.014 0 019 0.017 0.021 0.015 0.013 0.018 0.015 0 018 0.009 0.007 0.026 0.002 0.003 0.003 0.002 0.004 0.002 Cr Fe 0.017 0.476 0.015 0.213 0.240 0.142 0.342 0.339 0.308 0.374 0.306 0.463 0.411 0.392 0.365 0.460 0.463 0.009 0.015 0.017 0.014 0.013 0.014 0.015 0.015 Mn 0.007 0.003 0.880 0.819 0.743 0.993 0.993 0.922 0.863 0.677 0.841 0.876 0.751 0.779 0.829 0.705 0.641 Mg Ca Na 0.791 0.802 0.801 0.802 0.791 0.770 0.848 0.723 0.721 0.873 0.851 0.826 0.016 0.021 0.021 0.004 0.018 0.020 .034 0.018 .020 0.034 0.026 0.015 0.018 0.023 0.038 ٥ Ó 0.000 0.001 0.001 0.000 0.000 0.002 к 36.8 41.1 40.4 41.0 39.7 39.7 40.1 39.5 40.3 40.4 39.5 39.5 43.1 Ca 37.3 45.0 51.3 47.5 41 . 7 34.5 41.7 44.1 41.2 43.9 37.0 37.9 39.2 41.5 36.1 24.4 32.5 50.6 Ma 16.0 19.0 24.4 19.1 23.5 21.8 20.4 Fe\*\* 11.4 12.6 7.5 17.2 25.1 17.3 16.2 т-02 т-09 т-10 т-11 T-31 т-33 т-34 H-69 H-70 H-71 A-10 T-01 H-23 H-62 H-67 No. 51.74 52.15 51.26 51.62 52.01 SiO<sub>2</sub> 50.81 50.52 51.38 51.18 50.84 52.52 51.98 51.17 49.71 50.19 0.40 0.47 0.54 0.53 0.75 0.49 0.40 TiO<sub>2</sub> Al<sub>2</sub>O<sub>3</sub> 0.10 0.57 0.57 0.17 0 08 0.16 0.13 0.20 2.56 0.79 0.46 0.64 0.60 0.71 1.49 2.57 1.50 2.81 2.76 1.69 2.19 2.23 0.27 0.09 n.d. n.d. Cr<sub>2</sub>O<sub>3</sub> FeO\* n.d. 19.02 n.d. n.d. n.d. 7.78 n.d. n.d. 0.03 n.d. n.d. n.d. 19.09 20.79 16.97 12.89 9.73 7.03 6.26 7.79 10.63 10.01 9.65 19.46 20.54 0.51 0.28 0.50 1.27 0.58 0.88 0.66 0.50 0.38 0.38 0.40 0.26 0.24 MnO 14.65 14.51 20.26 9.02 6.91 10.14 13.57 15.76 15.19 15.89 16.13 15.03 15.52 8.40 MqO 19.95 21.47 21.54 20.53 CaO 20.05 19.34 0.26 20.15 0.16 19.75 0.23 20.32 20.28 19.54 21.11 19.36 22.18 0.31 0.37 0.21 0.19 . 37 0.25 0.26 0.28 0.33 0 0 .36 0 Na<sub>2</sub>O 0.13 0.00 n.d. K<sub>2</sub>Ô 0.00 0.05 n.d. 0.03 n.d. n.d. 0.00 0.04 0.00 n.d. 0.00 n.d. 100.70 99.98 100.44 100.40 100.25 99.41 100.06 100.97 100.37 99.80 99.41 99.56 100.01 Tota] 100.97 99.38 Numbers of cations on the basis of 6 oxygens 1.902 1.913 1,921 1.998 1.971 1.978 1.963 1.922 1,918 1,926 1,937 Siv Alvi Al 1.981 1.959 1.979 1.941 0.079 0.074 0.074 0.063 0.019 0.059 0.098 0.037 0.021 0.002 0.028 0.022 0.028 0.010 0.008 0.015 0.029 0.034 0.034 0.042 0.022 0.035 0.003 0.015 0.015 0.021 0.002 0.004 0.011 0.013 Тi 0.003 0.005 0.005 0.006 0.016 0.016 0.014 0.011 0.001 0.005 0.008 0.003 Cr Fe 0.331 0.299 0.616 0.641 0.627 0.681 0.668 0.545 0.407 0.243 0.303 0.217 0.192 0.241 0.311 0.022 0.016 0.016 0.012 0.012 0.013 0.008 0.007 0.009 0.017 0.016 Mn 0.042 0.019 0.029 0.025 0.581 0.766 0.845 Mg 0.505 0.493 0.404 0.462 0.878 0.875 0.881 0.831 0.865 0.814 0.804 0.799 0.819 0.848 0.846 0.849 0.870 0.856 0.807 Ca 0.832 0.816 0.850 0.830 0.014 0.013 0.026 0.027 0.018 0 018 0.021 0 022 0.027 0.024 Na 0.009 0.020 0.012 0.017 0.016 0.000 0.000 0.000 к 0.000 0.003 0.002 0.000 0.002 0.000 41.8 42.9 39.7 41.9 42.2 42.7 40.0 43.6 44.6 Ca 41.7 40.7 42.5 42.8 42.4 40.1 44.4 43.7 44.9 24.7 23.1 29.4 38.7 45.2 44.2 43.0 41.5 41.7 25.3 26.4 20.8 Mg Fe\*\* 21.2 10.2 12.9 17.3 16.7 28.4 16.4 33.0 32.9 32.8 36.4 34.5

第3表 単斜輝石の組成 (No.は第2表に対応)

FeO\*: Total Fe as FeO,

Fe\*\*: Fe + Mn, C-01\*\*\*: Cpx. of groundmass

もFeに富むものは匹見層群火山岩中のもので, augite(Ca<sub>43.1</sub>Mg<sub>32.5</sub>Fe<sub>24.4</sub>)からferro-augite (Ca<sub>41.8</sub> Mg<sub>22.0</sub>Fe<sub>36.2</sub>)にわたる化学組成を有し,晶出径路は Skaergaardの晶出径路(BROWN, 1957; BROWN and VINCENT, 1963; NWE, 1975)よりもCa寄りで, CARMICHAEL (1960, 1963)の記載によるBritish & Icelandic Tertiary acid glass 中の輝石やSHI-MAZU and TAKANO (1977)により記載されてい る津川-只見地域の中新世真珠岩中の輝石に類似\* しているが, それらより若干Caに富む(第4図). こ Analyst: T.Imaoka

れらの火山岩類はソレアイト系列と考えられている ことから匹見層群火山岩類との類似性は興味ある問 題である。田万川層群火山岩中の単斜輝石は第4図 にみられるように匹見層群中のものに比較しMgに 富み, diopside - salite に近い magnesian augite (Ca44.6 Mg45.2 Fe10.2 - Ca39.7 Mg43.0 Fe17.3)の組成を

TiO<sub>2</sub>, Al<sub>2</sub>O<sub>3</sub>, Na<sub>2</sub>O含有量についても津川-只見地域のものに類似している.SHIMAZU and TAKANO (1977)が指摘しているように、これらの成分はアルカリ岩系火山岩中の輝石に較べ、低い値をもつ。



Sk: Skaergaard trends, Tg: British & Icelandic Tertiary acid glasses

第4表 斜方輝石の組成(No.は第2表に対応)

No.	H-23	H-47	H-51	H-62	H-70	H-71	н-95
SiO2	48.85	48.28	49.78	49.25	48.73	49.57	50.02
TiO <sub>2</sub>	0.28	0.16	0.19	0.17	0.13	0.38	0.23
Al <sub>2</sub> Õ <sub>3</sub>	0.73	0.38	0.47	0.38	0.35	0.88	0.70
Cr <sub>2</sub> 03	0.05	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
FeO*	35.13	40.03	36.69	36.04	38.27	32.35	30.88
MnO	0.92	1.48	1.10	1.02	1.10	0.85	0.90
MqO	11.85	9.10	10.80	12.47	10.57	14.07	15.12
CaO	1.29	1.36	1.49	1.35	1.37	1.66	1.24
Na <sub>2</sub> O	0.03	0.08	0.07	0.05	0.03	0.05	0.05
к₂õ	n.d.	0.02	0.00	0.05	0.00	0.00	0.00
Total	99.13	100.89	100.59	100.78	100.55	99.81	99.14
	Number	s of ca	ations of	on the b	basis of	б охуд	ens
Si	1.973	1.968	1.991	1,963	1.971	1.960	1,975
Al	0.027	0.018	0.009	0.018	0.017	0.040	0.025
AlVI	0.008	-	0.013	-	_	0.001	0.007
Ti	0.008	0.005	0.006	0.005	0.004	0.011	0.007
Cr	0.002	-	-	-	-	-	-
Fe	1.183	1.360	1.227	1.201	1.290	1.066	1.016
Mn	0.032	0.051	0.037	0.034	0.038	0.029	0.030
Mg	0.712	0.553	0.643	0.740	0.636	0.828	0.889
Ca	0.056	0.060	0.064	0.058	0.059	0.070	0.052
Na	0.003	0.006	0.005	0.004	0.003	0.004	0.004
ĸ	-	0.001	0.000	0.003	0.000	0.000	0.000
Ca	2.8	3.0	3.2	2.9	2.9	3.5	2.6
Mq	35.9	27.3	32.7	36.4	31.4	41.6	44.7
Fe**	61.3	69.7	64.1	60.7	65.7	54.9	52.7
	FeO*: To	otal Fe	as FeO	,			
	Fe**: Fe	e + Mn			Analy	st: T.I	maoka

示す。周南・阿武層群中のものは田万川層群中の輝 石に比較しFeに富み、匹見層群中の単斜輝石との中 間位置にプロットされる。ここで注目に値するのは 関門層群安山岩中の単斜輝石である。分析数はわず か2試料であるが、いずれも著しくMgに富み(Mg O=18wt.%)、endiopsideあるいはendiopsideに近 いaugiteに属する。またこれらの単斜輝石は他層群 火山岩中の単斜輝石に比較し、 $Al_2O_3(1.8-3.3wt.$ %),  $Cr_2O_3(max.0.91wt.%)$ に富む.またこれを含む岩石が玄武岩質安山岩で後期中生代火山岩中もっとも塩基性である点も特異で、今後成因面からの細かい検討が必要である.なお、この単斜輝石に類似のものは最近泉南層群(山田・村上、1978), 濃飛流紋岩類中の安山岩(原山、1978)からも報告されている.

斜方輝石は現在のところ,匹見層群中のものだけ が分析されている。第4図のとおりhypersthene (Ca<sub>2.6</sub> Mg<sub>44.7</sub> Fe<sub>52.6</sub>)からeulite(Ca<sub>3.0</sub> Mg<sub>27.3</sub> Fe<sub>69.7</sub>) に及ぶ比較的広い組成範囲を有することが特徴であ る。

#### 2. 角閃石

含有する岩石が少ないため、関門・周南・田万川 各層群の火山岩中の斑晶が分析された。分析結果を 第5表に示す。この表より明らかなように匹見層群 中のものは $Al_2O_3 = 6.4 - 8.6$ wt. %で8%前後のも のが多いが、田万川層群中のものはそれらより低い ( $Al_2O_3 = 6.0 - 7.1$ wt.%)。LEAKE (1968)の分類区 分によれば、前者はmagnesian hastingsitic homblende · ferro-homblende · ferro-edenitic homblende (*mg*値: 0.286 - 0.418, 第5表)に属し、後 者の角閃石はすべてmagnesio-homblende (*mg*値 : 0.679 - 0.729) である。関門・周南層群中の角閃

#### 今岡照喜・村上允英

第5表 角閃石の組成(No.は第2表に対応)

No.	C-01	S-02	H-12	H-23	H-47	H-54	H-61	H-69	н-70	T-04	T-13	T-14	т-15	T-20	
	54.34 0.13 1.87 10.29 0.29 17.95 11.87 0.38 0.11	44.45 2.07 8.44 15.78 0.29 13.80 11.42 1.60 1.03	42.08 2.13 8.17 25.72 0.63 6.17 10.69 2.02 0.95	42.57 1.59 7.53 26.78 0.71 5.77 10.04 1.95 0.98	41.76 1.98 8.03 24.36 0.46 7.06 10.46 2.07 1.23	45.29 0.83 6.91 22.20 0.48 9.11 10.58 1.69 1.05	42.97 1.69 7.92 25.78 0.64 5.94 10.09 1.95 1.00	40.15 2.00 8.57 26.68 0.64 6.16 10.31 1.70 1.05	42.23 1.78 7.90 25.77 0.63 6.18 10.32 1.82 1.03	49.08 1.22 7.06 12.15 0.32 14.80 11.04 1.54 0.35	46.97 1.24 6.58 11.70 0.62 18.61 10.81 1.40 0.40	47.81 1.31 6.74 12.50 0.66 16.03 11.13 1.44 0.40	49.12 1.28 6.01 12.16 0.60 16.35 10.80 1.25 0.34	47.35 1.18 6.40 12.20 0.69 17.38 10.96 1.39 0.34	
Total	97.23	98.88	98.56	97.92	97.41	98.14	97.98	97.26	97.66	97.56	98.33	98.02	97.91	97.89	
	Numbe	rs of (	cation	s on tl	he basi	is of	23 oxy	jens							
SiIV AlVI Al Ti Fe Mn Mg Ca Na K	7.767 0.233 0.081 0.014 1.229 0.035 3.822 1.817 0.105 0.021	6.580 1.420 0.053 0.230 1.953 0.036 3.044 1.812 0.459 0.194	6.584 1.416 0.090 0.250 3.358 0.084 1.439 1.791 0.613 0.190	6.720 1.280 0.121 0.189 3.535 0.094 1.356 1.699 0.598 0.198	$\begin{array}{c} 6.585\\ 1.415\\ 0.076\\ 0.234\\ 3.202\\ 0.062\\ 1.657\\ 1.765\\ 0.633\\ 0.248 \end{array}$	6.940 1.060 0.185 0.095 2.835 0.062 2.078 1.735 0.502 0.204	6.734 1.266 0.196 0.200 3.379 0.085 1.386 1.693 0.591 0.199	$\begin{array}{c} 6.427\\ 1.573\\ 0.040\\ 0.240\\ 3.559\\ 0.086\\ 1.468\\ 1.764\\ 0.526\\ 0.214\\ \end{array}$	6.659 1.341 0.127 0.211 3.397 0.084 1.452 1.743 0.557 0.207	7.123 0.877 0.330 1.334 1.474 0.039 3.200 1.716 0.433 0.065	6.808 1.125 	$\begin{array}{c} 6.961 \\ 1.039 \\ 0.115 \\ 0.151 \\ 1.516 \\ 0.081 \\ 3.474 \\ 1.733 \\ 0.406 \\ 0.074 \end{array}$	$\begin{array}{c} 7.118\\ 0.882\\ 0.142\\ 0.139\\ 1.469\\ 0.074\\ 3.528\\ 1.674\\ 0.350\\ 0.062 \end{array}$	6.903 1.097 0.003 0.130 1.487 0.085 3.775 1.711 0.392 0.063	
mg**	0.751	0.605	0.295	0.272	0.337	0.418	0.286	0.287	0.294	0.679	0.729	0.685	0.696	0.706	
	Fe0*:	Total	Fe as	Fe0, 1	ng**=Mo	g/Mg+F	∋+Mn	Analyst: T.Imaoka							



石の分析は各々1個ずつであるが,前者は石基中の 輝石を交代したアクチノ閃石(mg値:0.751),後者 は斑晶をなすmagnesio-hornblende(mg:0.605) である.またKANISAWA (1975), MURAKAMI (1977), TANAKA (1977) により指摘されているようにAl<sup>IV</sup> とFe/(Fe+Mg)比との間には相関がみられ, Al<sup>IV</sup>の 増加に伴いFe/(Fe+Mg)比が増加する.

# 3. 黒雲母

火山岩中の黒雲母は普遍的に顕著な緑泥石化作用 をうけているため、分析の行なわれたのは匹見層群 のデイサイト質~流紋岩質凝灰岩中の黒雲母斑晶の みである、分析結果を第6表に示す、この表に示さ れているように、匹見層群中の黒雲母はAl2O3に乏 しく (12.0~13.6wt.%), TiO2に富む (2.3~5.6 wt.%). これらの特徴はNockolds (1947)によって 指摘された輝石と共存する場合のカルク・アルカリ 岩中の黒雲母の性質をよく表わしている。またSi+ Al<sup>IV</sup>が不足する場合が多くANNERSTEN (1974), KANISAWA (1972) が指摘しているように、四面体 層中にTiが入っている可能性が強い.mg値は 0.268 ~0.451で小さい.第6図は匹見層群産黒雲母と広島 帯深成岩中の黒雲母(MURAKAMI, 1969),領家帯花 崗岩類及び片麻岩類中の黒雲母(TSUBOI, 1938;MI-YASHIRO, 1956; HAYAMA, 1964; SHIBATA et al., 1966;HONMA, 1974;KUTSUKAKE, 1977) 田万川带 深成岩中の黒雲母(田万川岩体:MURAKAMI, 1969 ;浜田岩体:今岡、未公表資料)などとの組成関係を 示す。この図より明らかなように、匹見層群産黒雲 母は田万川帯深成岩中のものや、領家帯深成岩中の ものと異なり、広島帯深成岩中の黒雲母に類似して おり、また全岩組成との関連でみた場合にも匹見層 群の黒雲母のFe/Mg比は全岩のFe/Mg比とほぼ1 :1の対応を示す(第7図)点においても類似して いる。

### 考察および結論

ー般にカルク・アルカリ岩系火山岩では,酸性の 岩石中の有色鉱物はほとんど角閃石・黒雲母等の含

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No.	H-01	H-12	H-15	н-47	H-51	H-54	H-61	H-62	H-67	н-69	H-70	H-71	H-95
$SiO_2$ TiO_2 Al_2O_3 FeO* MnO MgO CaO Na_2O KaO	35.35 3.76 12.25 27.65 0.41 6.77 0.01 0.14 8.94	35.16 4.56 13.27 27.75 0.44 6.16 0.03 0.07 8 99	36.32 3.99 12.03 26.88 0.36 6.90 0.02 0.11 9.08	35.10 5.10 12.37 28.19 0.34 6.36 0.01 0.17 8.72	35.41 5.15 12.54 28.91 0.34 6.00 0.02 0.16 8.77	37.49 3.74 12.50 26.53 0.38 7.63 0.05 0.20 9.00	35.44 4.39 13.26 28.01 0.42 6.10 0.03 0.08 9.08	36.52 3.54 12.00 27.39 0.33 7.07 0.06 0.05 8.64	34.97 5.75 12.32 25.47 0.36 8.17 0.05 0.14 8.66	34.34 5.40 13.56 27.19 0.49 6.67 0.04 0.11 8.70	35.21 4.96 12.68 27.40 0.54 6.08 0.00 0.13 9.06	35.28 4.55 12.07 25.79 0.31 7.27 0.02 0.15 9.23	35.12 2.63 13.31 23.82 0.29 11.11 0.10 0.14 8.78
Total	95.28	96.43	95.69	96.36	97.30	97.52	96.81	95.60	95.89	96.50	96.06	94.67	95.30
SiIV AlVI Al Ti Fe Mn Mg Ca Na K	5.660 2.311 0.453 3.701 0.056 1.615 0.002 0.043 1.825	5.556 2.444 0.027 0.542 3.667 0.059 1.450 0.005 0.005 0.021 1.812	5.753 2.245 0.475 3.560 0.049 1.628 0.004 0.033 1.834	5.563 2.310 0.607 3.736 0.046 1.501 0.002 0.051 1.762	5.569 2.323 0.609 3.801 0.045 1.405 0.004 0.049 1.759	5.791 2.209 0.063 0.434 3.415 0.049 1.756 0.009 0.059 1.772	5.582 2.418 0.043 0.519 3.688 0.056 1.431 0.005 0.025 1.824	5.783 2.217 0.024 0.422 3.627 0.044 1.668 0.010 0.014 1.745	5.507 2.283 	5.414 2.519 0.640 3.584 0.065 1.566 0.007 0.034 1.749	5.588 2.372 0.592 3.636 0.072 1.437 0.000 0.040 1.834	5.653 2.275 	5.514 2.458 0.309 3.116 0.039 2.597 0.018 0.042 1.755
mg**	0.301	0.280	0.311	0.284	0.268	0.336	0.277	0.312	0.361	0.300	0.279	0.332	0.451
	Fe0*:	≥O*: Total Fe as FeO, mg**=Mg/Mg+Fe+Mn									t: T. 1	ımaoka	



水鉱物で、輝石類は玄武岩〜安山岩およびデイサイ イトの一部にしか含まれないことが多い.したがっ て輝石の晶出径路は短く、典型的なソレアイト岩系 の岩石中の輝石のように著しくFeに富んだものは通 常含まれない.例えば、LOWDER(1970)は New BritainのTalasea のカルク・アルカリ岩系の火山 岩(SiO<sub>2</sub>=58-72wt.%)において、岩石の分化に 伴う輝石斑晶のFe/Mg比の変化は僅かであることを 報告した.類似の例はJAKES and WHITE(1972)、 WALSH(1975)などによっても報告されている.本 論文中の火山岩のうち関門・周南・阿武・田万川各 層群の火山岩中の輝石は分析個数は少ないが,ほぼ 上記の一般のカルク・アルカリ岩中の輝石の組成お よびその晶出径路に類似している.

次に輝石類のFe/Mg比を全岩組成との関連の上 で検討する。第7図は火山岩中の有色鉱物のFeO/ (FeO+MgO)と全岩のFeO/(FeO+MgO) との比を 全岩のSiO2wt.%に対してプロットしたものである。 この比の高いことは岩石中のFeおよびMgの大部分 がこれら有色鉱物の成分として消費されていること を示し,比の低いことは,これら有色鉱物以外にか なりの量のFe-Ti酸化鉱物の存在することを示唆す る\*第7図をみると匹見層群産輝石類はこの比がも っとも高く,田万川火山岩中の輝石はその比がもっ とも小さい。この差異は匹見層群火山岩中にはFe-Ti 酸化鉱物が一般に少なく,かつチタン鉄鉱のみが含 まれるのに対し,田万川層群火山岩中には磁鉄鉱が 多量に含まれているという記載事実に矛盾しない。

かつてFODOR (1971) はNew MexicoのMogollon Plateau 産カルク・アルカリ玄武岩~ラタイト (SiO<sub>2</sub> = 50-66wt.%) 中の単斜輝石が、岩石の分化 に伴ってFs 5mol.%, wo 8mol.%しか変化しない 点に注目して、その原因を高酸素分圧化におけるFe の磁鉄鉱としての晶出に求めた。田万川層群産単斜 輝石はおそらくこのNew Mexico産火山岩のように hydrous magmatic stateにおける高酸素分圧下で

この他にも緑泥石、バスタイトなど含鉄鉱物も含まれるが、
 一般にその量は少ない。



(FeOt + MgO) { / {全岩のFeOt / (FeOt + MgO) } 比との関係

生成されたものであろう。

一方匹見火山岩中の輝石はかなりの酸性岩中にも 含まれるばかりでなく、Feに富んだ組成を有する。 火山岩類は全岩のA-F-M図ではカルク・アルカリ岩 系列に近いトレンドを有するが、他の火山岩類に比 ベ若干FeO側に寄っており、典型的なカルク・アル カリ岩であるとは言い難い、いずれにしてもかなり の酸性岩にFeに富んだ輝石類がほぼ安定に含まれる 事実は、全岩のFe/Mg比との関係および共存する Fe-Ti酸化鉱物がチタン鉄鉱であることも併せ、匹 見層群の火山岩類が、他層群火山岩類に較べて、低 水蒸気圧下(あるいは高温)で、しかもおそらく低 酸素分圧下で晶出作用を行なったことを示唆してい るように考えられる。周南層群についてはデータ の少ないため確定的なことはいえないがおそらく上 記両者の中間的性状のものと推定される。これらの 推論は次のように角閃石の化学組成からも帰結され る.

かつてGILBERT (1966) はferropargasite の安定 領域がfo2の増大によって著しく減少することを報告 した.また最近POPP et al. (1977) は $Mg_7Si_8O_{22}$ (OH)2-FerSi\_8O\_22(OH)2 系の実験において赤鉄鉱-磁鉄鉱緩衝(HM buffer)で決定される $fo_2$ では725 – 630℃においてFe端成分は14~22 mole%しか固溶し ないが,さらに $fo_2$ を低下させニッケルーニッケル酸 化物緩衝(NNO buffer)で決定されるf∞では 725-600℃において54~65mole %固溶することを明らか にした.以上2つの実験データより角閃石のFe/Mg 比とその晶出時におけるf∞との校に密接な関係が存 在することが明らかである.匹見層群産角閃石は, 全岩のFe/Mg比においてほぼisochemical な田万川 層群火山岩中の角閃石に較べFeに富んでいる.この 事実は輝石の場合と同様に匹見層群の火山岩類が田 万川層群火山岩類に比較して低酸素分圧下で生成さ れたことと関係していると推論される.

さらに角閃石の $A^{IV}$ についてみると、匹見層群火 山岩中の角閃石の $A^{IV}$ は約1.06~1.57である。一方、 他の火山岩中の角閃石では0.88~1.04で前者に比べ 低い。角閃石の $A^{IV}$ と $f_{02}$ との関係は既にCZAMANSKE and WONES (1973), KANISAWA (1975), MURAKAMI (1977), TANAKA (1977) によって論じられ,  $f_{02}$ の 増加に伴ない $AI^{IV}$ の減少することが指摘されている が、上記の推論はこれらの議論とも矛盾しない。

黒雲母については,匹見層群火山岩中にしか新鮮 な試料が保存されていないので,他層群火山岩中の ものと比較できない.

以上主に輝石・角閃石のデータより,匹見層群火 山岩類はもっとも低水蒸気圧・低酸素分圧下で,一 方田万川層群火山岩類はもっとも高水蒸気圧・高酸 素分圧下で形成されたとの推論が可能である.

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## 文 献

- ANNERSTEN, H., 1974: Mössbauer studies of natural biotites. *Am. Mineral.*, 59, 143-151.
- BROWN, G.M., 1957: Pyroxenes from early and middle stages of fractionation of the Skaergaard intrusion, East Greenland. *Mineral. Mag.*, 31, 511-543.

, and VINCENT, E.A., 1963: Pyroxenes from the late stages of fractionation of the Skaergaard intrusion, East Greenland. *Jour. Petrol.*, 4, 175-197.

CARMICHAEL, I.S.E., 1960: The pyroxenes and olivines from some Tertiary acid glasses. *Ibid.*, 1, 309-336.

, 1963: The occurrence of magnesian pyroxenes and magnetite in porphyritic acid glasses. *Mineral. Mag.*, **33**, 394-403.

- CZAMANSKE, G.K., and WONES, D.R., 1973: Oxydation during magmatic differentiation, Finmarka complex, Oslo Area, Norway: Part 2, The mafic silicates. *Jour. Petrol.*, 14, 349-380.
- DALY, R.A., 1933: Igneous rocks and the depth of the earth. McGraw-Hill, New York.
- FODOR, R.V., 1971: Fe content in pyroxenes from a calc-alkalic volcanic suite, New Mexico, U.S.A. *Earth Planet. Sci. Lett.* **11**, 385-390.
- GILBERT, M.C., 1966: Synthesis and stability relations of the hornblende ferropargasite. *Am. Jour. Sci.*, **264**, 698-742.
- 原山智,1978a:北アルプス笠ヶ岳・穂高岳周辺の白亜紀 火山岩及び深成岩類一特に造岩鉱物の特徴について、 日本地質学会講演要旨,314.
- , 1978b: 濃飛流紋岩中の玄武岩質安山岩自破砕溶
   岩中より見い出された chromian endiopside. 三鉱学
   会昭和53年秋季講演会要旨集, 107.
- HAYAMA, Y., 1959: Some considerations on the color of biotite and its relation to metamorphism. *Jour. Geol. Soc. Japan.*, **65**, 21-30.

, 1964: Progressive metamorphism of pelitic and psammitic rocks in the Komagane district, Nagano Pref., central Japan. *Jour. Fac. Sci. Univ. Tokyo*, sec. II, **15**, 321-369.

- HONMA, H., 1974: Chemical feature of biotites from metamorphic and granitic rocks of the Yanai district in the Ryoke Belt, Japan. Jour. Japan. Assoc. Mineral. Petrol. Econ. Geol., 69, 390-402.
- ICHIKAWA, K., MURAKAMI, N., HASE, A., and WADA-TSUMI, K., 1968: Late Mesozoic igneous activity in the inner side of Southwest Japan. *Pacific Geol.*,

1, 97-118.

- ISHIHARA, S., 1971: Modal and chemical composition of the granitic rocks related to the major molybdenum and tungsten deposits in the inner zone of Southwest Japan. *Jour. Geol. Soc. Japan.* 77, 441-452.
- JAKES, P., and WHITE, A.J.R., 1972: Hornblendes from calc-alkaline volcanic rocks of island arcs and continental margins. *Am. Mineral.*, **57**, 887-902.
- KANISAWA, S., 1972: Coexisting biotites and hornblendes from some granitic rocks in southern Kitakami Mountains, Japan. Jour. Japan. Assoc. Mineral. Petrol. Econ. Geol., 67, 332-344.

, 1975: Chemical composition of hornblendes of some Ryoke granites, Central Japan. *Ibid.*, **70**, 200-211.

- KAWADA, K., 1971: Geology and petrology of the Nohi Rhyolites, with special reference to those along the Hida River. *Geol. Surv. Japan, Rept.* no. 243, 1-51.
- KUTSUKAKE, T., 1977: Petrological studies on the Ryoke metamorphic rocks in the Toyone-mura area, Aichi Prefecture, Japan. *Mem. Fac. Sci. Kyoto Univ.*, Ser. Geol. & Mineral., XLIII, 49-110.
- LEAKE, B.E., 1968: A catalog of analyzed calciferous and subcalciferous amphiboles together with their nomenclature and associated minerals. *Geol. Soc. Am. Spec. Paper.* no. 98, 1-210.
- LOWDER, G.G., 1970: The volcanoes and caldera of Talasea, New Britain: mineralogy. *Contrib. Mineral. Petrol.*, **26**, 324-340.

MIYASHIRO, A., 1956: Data on garnet-biotite equilibria in some metamorphic rocks in the Ryoke zone. *Jour. Geol. Soc. Japan.*, **62**, 700-702.

MUKAE, M., 1958: Volcanostratigraphical study on the • Miocene volcanism in the Shimane Prefecture,

- Japan. Jour. Sci. Hiroshima Univ., [C]. 2, 129-172. 村上 允英, 1959:西中国の第三紀深成岩類, 岩鉱, 43, 167-178
- ------, 1960:中国西部における白亜紀及び第三紀火 成活動。山口大理科報告,**11.**21-126。

, 1969:山陰西部における新第三紀堆積盆地との関連よりみた後期中生代~古第三紀火山岩層の構造. 日本地質学会第76年学術大会討論会資料, 77-84.

MURAKAMI, N., 1969: Two contrastive trends of evolution of biotites in granitic rocks. *Jour. Japan.* Assoc. Mineral. Petrol. Econ. Geol., **62**, 223-248.

村上允英,1973:古第三紀田万川陥没体の形成機構に関 する一考察.地質学論集,no.9,93-105.

MURAKAMI, N., 1974: Some problems concerning late

Mesozoic to early Tertiary igneous activity on the inner side of Southwest Japan. *Pacific Geol.*, 8, 139-151.

- ——, 1977: Compositional variations of some constituent minerals of the late Mesozoic to early Tertiary granitic rocks of Southwest Japan. *Geol. Soc. Malaysia Bulletin*, **9**, 75-89.
- 村上 た英・長谷晃, 1967:西南日本内帯における後期中 生代火山岩層の層序と対比.地団研専報, no.13, 1-24.
- MURAKAMI, N., and MATSUSATO, H., 1970: Intrusive volcanic breccias in the late Mesozoic Zenjoji-yama formation in Western Chugoku and their possible relevance to the fnrmation of cauldron structure. *Jour. Japan. Assoc. Mineral. Petrol. Econ. Geol.*, **64**, 73-94.
- 西野英之・村上允英、1965:中国西部に於ける後期中生 代酸性岩類の火山層序学的研究(I)山口県篠目南部地 域の酸性火山岩類、山口大理科報告,15,9-19.
- ・ーーー・三浦清・井上多津男・栂恒雄・関
   達也、1974:西中国背稜および周辺地域の後期中生代
   火砕岩類。日本地質学会第81回学術大会講演要旨、45--46。
- Nockolds, S.R., 1947: The relation between chemical composition and paragenesis in the biotite micas of igneous rocks. *Am. Jour. Sci.*, **245**, 401-420.
- NWE, Y.Y., 1975: Two different pyroxene crystallization trends in the trough bands of the Skaergaard intrusion, East Greenland. *Contrib. Mineral. Petrol.*, 49, 285-300.
- 大庭昇,1966:四万十累帯西部における花崗岩質岩類の 地質学的意義。鹿児島大理科報告,no.15,13-14.
- POPP, R.K., GILBERT, M.C., and CRAIG, J. R., 1977: Stability of Fe-Mg amphiboles with respect to oxygen fugacity. *Am. Mineral.*, **62**, 1-12.
- 沢田順弘,1978:島根県掛合陥没体に伴われる貫入複合 体―非アルカリ岩のマグマ型と岩石系列に関する2, 3の問題―.地質雑,84,177-200.
- SHIBATA, H., 1961: Chemical composition of Japanese granitic rocks in regard to petrographic provinces. Part IX. Normative minerals. Sci. Rept. Tokyo Kyoiku Daigaku, Sec. C, 8, 19-32.
- of aluminium in mafic minerals in plutonic and metamorphic rocks. *Ibid.*, **86**, 1-35.
- SHIMAZU, M., and TAKANO, M., 1977: Ca-Fe rich pyroxenes in Miocene prelites from the Tsugawa and Tadami areas, Northeast Japan. *Jour. Japan. Assoc. Mineral. Petrol. Econ. Geol.*, **72**, 399-411.
- SUZUKI, M., 1977: Polymetamorphism in the Hida me-

tamorphic belt, Central Japan. Jour. Sci. Hiroshima Univ., Ser. C, 7, 217-296.

- TANAKA, H., 1977: Petrochemistry of some Mesozoic granitic rocks in the northern Abukuma mountains. *Jour. Japan. Assoc. Mineral. Petrol. Econ. Geol.*, 72, 373-382.
- TSUBOI, S., 1938: Petrological notes (19)-(32). Japan. Jour. Geol. Geogr., 15, 125-129.
- 通産省, 1969:昭和44年度益田地域広域調査報告書.
- -----, 1970:昭和45年度益田地域広域調查報告書.
- ———, 1971:昭和46年度益田地域広域調査報告書.
- 氏家治、1970:四国北東部の第三紀火山岩類の岩石学的 研究.岩鉱、**63、**43-62.
- WALSH, J.N., 1975: Clinopyroxenes and biotites from the Center III igneous complex, Ardnamurchan, Argyllshire. *Mineral. Mag.*, 40, 335-345.
- 山田直利・河田清雄・諸橋毅,1971:火砕流堆積物としての濃飛流紋岩.地球科学,25,52-88.
- ・村上允英,1978:泉南層群産高マグネシア安
   山岩.三鉱学会昭和53年秋季講演会講演要旨集,108.
- 山崎貞治, 1969:大阪府二上山地域におけるカルク・ア ルカリ岩系マグマの分化,岩鉱, 62, 249-263.
- 吉田博直,1961:中国地方中部の後期中生代の火成活動。 広大地学研究報告,8,1-39.