

DATE: November 15, 2017

ALPHABETICAL AND POSITIONAL LISTING OF VARIABLES

-----ALPHABETICAL LISTING OF VARIABLES-----

| <u>START</u> | <u>END</u> | <u>NAME</u> | <u>DESCRIPTION</u> |
|--------------|------------|-------------|--|
| 1 | 8 | DUPERSID | ENCRYPTED PERSON ID (DUID + PID) |
| 84 | 85 | PREGCAT | MULTUM PREGNANCY CATEGORY |
| 24 | 83 | RXDRGNAM | MULTUM MEDICINE NAME (IMPUTED) |
| 9 | 23 | RXRECIDX | UNIQUE RX/PRESCRIBED MEDICINE IDENTIFIER |
| 86 | 88 | TC1 | MULTUM THERAPEUTIC CLASS #1 |
| 89 | 91 | TC1S1 | MULTUM THERAPEUTIC SUB-CLASS #1 FOR TC1 |
| 92 | 94 | TC1S1_1 | MULTUM THERAPEUT SUB-SUB-CLASS FOR TC1S1 |
| 95 | 97 | TC1S1_2 | MULTUM THERAPEUT SUB-SUB-CLASS FOR TC1S1 |
| 98 | 100 | TC1S2 | MULTUM THERAPEUTIC SUB-CLASS #2 FOR TC1 |
| 101 | 103 | TC1S2_1 | MULTUM THERAPEUT SUB-SUB-CLASS FOR TC1S2 |
| 104 | 105 | TC1S3 | MULTUM THERAPEUTIC SUB-CLASS #3 FOR TC1 |
| 106 | 107 | TC1S3_1 | MULTUM THERAPEUT SUB-SUB-CLASS FOR TC1S3 |
| 108 | 110 | TC2 | MULTUM THERAPEUTIC CLASS #2 |
| 111 | 113 | TC2S1 | MULTUM THERAPEUTIC SUB-CLASS #1 FOR TC2 |
| 114 | 116 | TC2S1_1 | MULTUM THERAPEUT SUB-SUB-CLASS FOR TC2S1 |
| 117 | 119 | TC2S1_2 | MULTUM THERAPEUT SUB-SUB-CLASS FOR TC2S1 |
| 120 | 122 | TC2S2 | MULTUM THERAPEUTIC SUB-CLASS #2 FOR TC2 |
| 123 | 125 | TC3 | MULTUM THERAPEUTIC CLASS #3 |
| 126 | 128 | TC3S1 | MULTUM THERAPEUTIC SUB-CLASS #1 FOR TC3 |

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ALPHABETICAL AND POSITIONAL LISTING OF VARIABLES

-----POSITIONAL LISTING OF VARIABLES-----

| <u>START</u> | <u>END</u> | <u>NAME</u> | <u>DESCRIPTION</u> |
|--------------|------------|-------------|--|
| 1 | 8 | DUPERSID | ENCRYPTED PERSON ID (DUID + PID) |
| 9 | 23 | RXRECIDX | UNIQUE RX/PRESCRIBED MEDICINE IDENTIFIER |
| 24 | 83 | RXDRGNAM | MULTUM MEDICINE NAME (IMPUTED) |
| 84 | 85 | PREGCAT | MULTUM PREGNANCY CATEGORY |
| 86 | 88 | TC1 | MULTUM THERAPEUTIC CLASS #1 |
| 89 | 91 | TC1S1 | MULTUM THERAPEUTIC SUB-CLASS #1 FOR TC1 |
| 92 | 94 | TC1S1_1 | MULTUM THERAPEUT SUB-SUB-CLASS FOR TC1S1 |
| 95 | 97 | TC1S1_2 | MULTUM THERAPEUT SUB-SUB-CLASS FOR TC1S1 |
| 98 | 100 | TC1S2 | MULTUM THERAPEUTIC SUB-CLASS #2 FOR TC1 |
| 101 | 103 | TC1S2_1 | MULTUM THERAPEUT SUB-SUB-CLASS FOR TC1S2 |
| 104 | 105 | TC1S3 | MULTUM THERAPEUTIC SUB-CLASS #3 FOR TC1 |
| 106 | 107 | TC1S3_1 | MULTUM THERAPEUT SUB-SUB-CLASS FOR TC1S3 |
| 108 | 110 | TC2 | MULTUM THERAPEUTIC CLASS #2 |
| 111 | 113 | TC2S1 | MULTUM THERAPEUTIC SUB-CLASS #1 FOR TC2 |
| 114 | 116 | TC2S1_1 | MULTUM THERAPEUT SUB-SUB-CLASS FOR TC2S1 |
| 117 | 119 | TC2S1_2 | MULTUM THERAPEUT SUB-SUB-CLASS FOR TC2S1 |
| 120 | 122 | TC2S2 | MULTUM THERAPEUTIC SUB-CLASS #2 FOR TC2 |
| 123 | 125 | TC3 | MULTUM THERAPEUTIC CLASS #3 |
| 126 | 128 | TC3S1 | MULTUM THERAPEUTIC SUB-CLASS #1 FOR TC3 |

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| <u>NAME</u> | <u>DESCRIPTION</u> | <u>FORMAT</u> | <u>TYPE</u> | <u>START</u> | <u>END</u> |
|-----------------|---|---------------|-------------|--------------|-------------------|
| <u>DUPERSID</u> | <u>ENCRYPTED PERSON ID (DUID + PID)</u> | <u>8.0</u> | <u>CHAR</u> | <u>1</u> | <u>8</u> |
| | <u>VALUE</u> | | | | <u>UNWEIGHTED</u> |
| | VALID ID | | | | 293,379 |
| | TOTAL | | | | 293,379 |
| <u>RXRECIDX</u> | <u>UNIQUE RX/PRESCRIBED MEDICINE IDENTIFIER</u> | <u>15.0</u> | <u>CHAR</u> | <u>9</u> | <u>23</u> |
| | <u>VALUE</u> | | | | <u>UNWEIGHTED</u> |
| | VALID ID | | | | 293,379 |
| | TOTAL | | | | 293,379 |
| <u>RXDRGNAM</u> | <u>MULTUM MEDICINE NAME (IMPUTED)</u> | <u>60.0</u> | <u>CHAR</u> | <u>24</u> | <u>83</u> |
| | <u>VALUE</u> | | | | <u>UNWEIGHTED</u> |
| | -9 NOT ASCERTAINED | | | | 5,521 |
| | A-ZZZZZZZZZZ | | | | 287,858 |
| | TOTAL | | | | 293,379 |
| <u>PREGCAT</u> | <u>MULTUM PREGNANCY CATEGORY</u> | <u>2.0</u> | <u>CHAR</u> | <u>84</u> | <u>85</u> |
| | <u>VALUE</u> | | | | <u>UNWEIGHTED</u> |
| | -9 NOT ASCERTAINED | | | | 4,427 |
| | A CONTROLLED STUDIES SHOW NO RISK | | | | 8,484 |
| | B NO EVIDENCE OF RISK IN HUMANS | | | | 52,260 |
| | C RISK CANNOT BE RULED OUT | | | | 133,332 |
| | D POSITIVE EVIDENCE OF RISK | | | | 42,189 |
| | N FDA HAS NOT CLASSIFIED THE RX | | | | 19,115 |
| | X CONTRAINDICATED IN PREGNANCY | | | | 33,572 |
| | TOTAL | | | | 293,379 |

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| <u>NAME</u> | <u>DESCRIPTION</u> | <u>FORMAT</u> | <u>TYPE</u> | <u>START</u> | <u>END</u> |
|--------------|--|---------------|-------------|--------------|-------------------|
| <u>TC1</u> | <u>MULTUM THERAPEUTIC CLASS #1</u> | <u>3.0</u> | <u>NUM</u> | <u>86</u> | <u>88</u> |
| | <u>VALUE</u> | | | | <u>UNWEIGHTED</u> |
| | -9 NOT ASCERTAINED | | | | 4,427 |
| | 1 ANTI-INFECTIVES | | | | 14,888 |
| | 20 ANTINEOPLASTICS | | | | 2,094 |
| | 28 BIOLOGICALS | | | | 149 |
| | 40 CARDIOVASCULAR AGENTS | | | | 70,223 |
| | 57 CENTRAL NERVOUS SYSTEM AGENTS | | | | 49,140 |
| | 81 COAGULATION MODIFIERS | | | | 4,893 |
| | 87 GASTROINTESTINAL AGENTS | | | | 14,676 |
| | 97 HORMONES/HORMONE MODIFIERS | | | | 20,774 |
| | 105 MISCELLANEOUS AGENTS | | | | 2,509 |
| | 113 GENITOURINARY TRACT AGENTS | | | | 1,642 |
| | 115 NUTRITIONAL PRODUCTS | | | | 9,823 |
| | 122 RESPIRATORY AGENTS | | | | 18,918 |
| | 133 TOPICAL AGENTS | | | | 11,368 |
| | 218 ALTERNATIVE MEDICINES | | | | 330 |
| | 242 PSYCHOTHERAPEUTIC AGENTS | | | | 18,070 |
| | 254 IMMUNOLOGIC AGENTS | | | | 508 |
| | 358 METABOLIC AGENTS | | | | 48,947 |
| | TOTAL | | | | 293,379 |
| <u>TC1S1</u> | <u>MULTUM THERAPEUTIC SUB-CLASS #1 FOR TC1</u> | <u>3.0</u> | <u>NUM</u> | <u>89</u> | <u>91</u> |
| | <u>VALUE</u> | | | | <u>UNWEIGHTED</u> |
| | -1 INAPPLICABLE | | | | 4,427 |
| | 2 AMEBICIDES | | | | 254 |
| | 3 ANTHELMINTICS | | | | 25 |
| | 4 ANTIFUNGALS | | | | 608 |
| | 5 ANTIMALARIAL AGENTS | | | | 988 |
| | 6 ANTITUBERCULOSIS AGENTS | | | | 179 |
| | 7 ANTIVIRAL AGENTS | | | | 1,317 |
| | 8 CARBAPENEMS | | | | 1 |
| | 9 CEPHALOSPORINS | | | | 1,122 |
| | 10 LEPROSTATICS | | | | 27 |
| | 11 MACROLIDE DERIVATIVES | | | | 3,152 |
| | 12 MISCELLANEOUS ANTIBIOTICS | | | | 767 |
| | 13 PENICILLINS | | | | 4,096 |
| | 14 QUINOLONES | | | | 1,194 |
| | 15 SULFONAMIDES | | | | 127 |
| | 16 TETRACYCLINES | | | | 372 |
| | 17 URINARY ANTI-INFECTIVES | | | | 326 |
| | 18 AMINOGLYCOSIDES | | | | 18 |
| | 19 ANTIHYPERLIPIDEMIC AGENTS | | | | 23,299 |
| | 21 ALKYLATING AGENTS | | | | 18 |
| | 23 ANTIMETABOLITES | | | | 709 |
| | 24 ANTINEOPLASTIC HORMONES | | | | 1,226 |
| | 25 MISCELLANEOUS ANTINEOPLASTICS | | | | 94 |
| | 32 COLONY STIMULATING FACTORS | | | | 27 |
| | (CONT'D ON NEXT PAGE) | | | | |

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| <u>NAME</u> | <u>DESCRIPTION</u> | <u>FORMAT</u> | <u>TYPE</u> | <u>START</u> | <u>END</u> |
|--------------|--|---------------|-------------|--------------|-------------------|
| <u>TC1S1</u> | <u>MULTUM THERAPEUTIC SUB-CLASS #1 FOR TC1</u> | <u>3.0</u> | <u>NUM</u> | <u>89</u> | <u>91</u> |
| | <u>VALUE</u> | | | | <u>UNWEIGHTED</u> |
| | (CONT'D FROM PREVIOUS PAGE) | | | | |
| | 36 ERYTHROPOIESIS-STIMULATING AGENTS | | | | 122 |
| | 38 VIRAL VACCINES | | | | 22 |
| | 42 ANGIOTENSIN CONVERTING ENZYME INHIBITORS | | | | 12,407 |
| | 43 ANTIADRENERGIC AGENTS, PERIPHERALLY ACTING | | | | 2,376 |
| | 44 ANTIADRENERGIC AGENTS, CENTRALLY ACTING | | | | 1,208 |
| | 45 ANTIANGINAL AGENTS | | | | 1,627 |
| | 46 ANTIARRHYTHMIC AGENTS | | | | 5,305 |
| | 47 BETA-ADRENERGIC BLOCKING AGENTS | | | | 13,559 |
| | 48 CALCIUM CHANNEL BLOCKING AGENTS | | | | 6,055 |
| | 49 DIURETICS | | | | 11,241 |
| | 51 MISCELLANEOUS CARDIOVASCULAR AGENTS | | | | 184 |
| | 52 PERIPHERAL VASODILATORS | | | | 23 |
| | 53 VASODILATORS | | | | 408 |
| | 54 VASOPRESSORS | | | | 59 |
| | 55 ANTIHYPERTENSIVE COMBINATIONS | | | | 10,778 |
| | 56 ANGIOTENSIN II INHIBITORS | | | | 4,683 |
| | 58 ANALGESICS | | | | 23,352 |
| | 64 ANTICONVULSANTS | | | | 9,028 |
| | 65 ANTIEMETIC/ANTIVERTIGO AGENTS | | | | 2,355 |
| | 66 ANTIPARKINSON AGENTS | | | | 1,325 |
| | 67 ANXIOLYTICS, SEDATIVES, AND HYPNOTICS | | | | 5,371 |
| | 71 CNS STIMULANTS | | | | 3,767 |
| | 73 MUSCLE RELAXANTS | | | | 2,923 |
| | 80 MISC CENTRAL NERVOUS SYSTEM AGENTS | | | | 271 |
| | 82 ANTICOAGULANTS | | | | 2,194 |
| | 83 ANTIPLATELET AGENTS | | | | 2,610 |
| | 85 MISCELLANEOUS COAGULATION MODIFIERS | | | | 89 |
| | 88 ANTACIDS | | | | 331 |
| | 90 ANTIDIARRHEALS | | | | 286 |
| | 91 DIGESTIVE ENZYMES | | | | 138 |
| | 92 GALLSTONE SOLUBILIZING AGENTS | | | | 54 |
| | 94 H2 ANTAGONISTS | | | | 1,964 |
| | 95 LAXATIVES | | | | 1,120 |
| | 96 MISCELLANEOUS GI AGENTS | | | | 254 |
| | 98 ADRENAL CORTICAL STEROIDS | | | | 3,203 |
| | 99 ANTIDIABETIC AGENTS | | | | 21,449 |
| | 101 SEX HORMONES | | | | 7,913 |
| | 103 THYROID HORMONES | | | | 8,484 |
| | 104 IMMUNOSUPPRESSIVE AGENTS | | | | 380 |
| | 106 ANTIDOTES | | | | 58 |
| | 107 CHELATING AGENTS | | | | 131 |
| | 108 CHOLINERGIC MUSCLE STIMULANTS | | | | 82 |
| | 110 MISCELLANEOUS UNCATEGORIZED AGENTS | | | | 186 |
| | 116 IRON PRODUCTS | | | | 2,105 |
| | 117 MINERALS AND ELECTROLYTES | | | | 3,770 |
| | 119 VITAMINS | | | | 2,529 |
| | 120 VITAMIN AND MINERAL COMBINATIONS | | | | 1,417 |
| | 121 INTRAVENOUS NUTRITIONAL PRODUCTS | | | | 2 |
| | (CONT'D ON NEXT PAGE) | | | | |

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| <u>NAME</u> | <u>DESCRIPTION</u> | <u>FORMAT</u> | <u>TYPE</u> | <u>START</u> | <u>END</u> |
|--------------|--|---------------|-------------|--------------|-------------------|
| <u>TC1S1</u> | <u>MULTUM THERAPEUTIC SUB-CLASS #1 FOR TC1</u> | <u>3.0</u> | <u>NUM</u> | <u>89</u> | <u>91</u> |
| | <u>VALUE</u> | | | | <u>UNWEIGHTED</u> |
| | (CONT'D FROM PREVIOUS PAGE) | | | | |
| | 123 ANTIHISTAMINES | | | | 3,298 |
| | 124 ANTITUSSIVES | | | | 252 |
| | 125 BRONCHODILATORS | | | | 9,181 |
| | 127 DECONGESTANTS | | | | 67 |
| | 128 EXPECTORANTS | | | | 308 |
| | 129 MISCELLANEOUS RESPIRATORY AGENTS | | | | 38 |
| | 130 RESPIRATORY INHALANT PRODUCTS | | | | 953 |
| | 131 ANTI-ASTHMATIC COMBINATIONS | | | | 2 |
| | 132 UPPER RESPIRATORY COMBINATIONS | | | | 2,306 |
| | 134 ANORECTAL PREPARATIONS | | | | 32 |
| | 135 ANTISEPTIC AND GERMICIDES | | | | 141 |
| | 136 DERMATOLOGICAL AGENTS | | | | 4,296 |
| | 147 OPHTHALMIC PREPARATIONS | | | | 3,851 |
| | 148 OTIC PREPARATIONS | | | | 337 |
| | 151 VAGINAL PREPARATIONS | | | | 14 |
| | 192 ANTIRHEUMATICS | | | | 556 |
| | 194 ANTIGOUT AGENTS | | | | 1,313 |
| | 219 NUTRACEUTICAL PRODUCTS | | | | 330 |
| | 240 LINCOMYCIN DERIVATIVES | | | | 265 |
| | 243 LEUKOTRIENE MODIFIERS | | | | 2,513 |
| | 247 NASAL PREPARATIONS | | | | 2,697 |
| | 249 ANTIDEPRESSANTS | | | | 14,682 |
| | 251 ANTIPSYCHOTICS | | | | 3,388 |
| | 253 ANOREXIANTS | | | | 14 |
| | 256 INTERFERONS | | | | 106 |
| | 263 IMPOTENCE AGENTS | | | | 145 |
| | 264 URINARY ANTISPASMODICS | | | | 1,279 |
| | 265 URINARY PH MODIFIERS | | | | 35 |
| | 266 MISCELLANEOUS GENITOURINARY TRACT AGENTS | | | | 162 |
| | 272 PROTON PUMP INHIBITORS | | | | 9,741 |
| | 277 5-AMINOSALICYLATES | | | | 222 |
| | 288 5-ALPHA-REDUCTASE INHIBITORS | | | | 691 |
| | 293 GLUCOSE ELEVATING AGENTS | | | | 8 |
| | 295 GROWTH HORMONES | | | | 57 |
| | 303 AGENTS FOR PULMONARY HYPERTENSION | | | | 175 |
| | 312 CHOLINERGIC AGONISTS | | | | 57 |
| | 313 CHOLINESTERASE INHIBITORS | | | | 656 |
| | 320 SMOKING CESSATION AGENTS | | | | 1,496 |
| | 340 ALDOSTERONE RECEPTOR ANTAGONISTS | | | | 25 |
| | 342 RENIN INHIBITORS | | | | 110 |
| | 354 H. PYLORI ERADICATION AGENTS | | | | 16 |
| | 355 FUNCTIONAL BOWEL DISORDER AGENTS | | | | 550 |
| | 359 PERIPHERALLY ACTING ANTI-OBESITY AGENTS | | | | 8 |
| | 378 DRUGS USED IN ALCOHOL DEPENDENCE | | | | 21 |
| | 398 BCR-ABL TYROSINE KINASE INHIBITORS | | | | 12 |
| | 401 CD20 MONOCLONAL ANTIBODIES | | | | 9 |
| | 404 EGFR INHIBITORS | | | | 26 |
| | 406 GLYCOPEPTIDE ANTIBIOTICS | | | | 50 |
| | (CONT'D ON NEXT PAGE) | | | | |

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| <u>NAME</u> | <u>DESCRIPTION</u> | <u>FORMAT</u> | <u>TYPE</u> | <u>START</u> | <u>END</u> |
|----------------|---|---------------|-------------|--------------|-------------------|
| <u>TC1S1</u> | <u>MULTUM THERAPEUTIC SUB-CLASS #1 FOR TC1</u> | <u>3.0</u> | <u>NUM</u> | <u>89</u> | <u>91</u> |
| | <u>VALUE</u> | | | | <u>UNWEIGHTED</u> |
| | (CONT'D FROM PREVIOUS PAGE) | | | | |
| | 409 BONE RESORPTION INHIBITORS | | | | 2,870 |
| | 411 CALCITONIN | | | | 108 |
| | 412 UTEROTONIC AGENTS | | | | 5 |
| | 414 ANTIDIURETIC HORMONES | | | | 88 |
| | 418 PARATHYROID HORMONE AND ANALOGS | | | | 37 |
| | 419 GONADOTROPIN-RELEASING HORMONE ANTAGONIST | | | | 1 |
| | 422 ANTITHYROID AGENTS | | | | 159 |
| | 426 SYNTHETIC OVULATION STIMULANTS | | | | 33 |
| | 427 TOCOLYTIC AGENTS | | | | 16 |
| | TOTAL | | | | 293,379 |
| <u>TC1S1 1</u> | <u>MULTUM THERAPEUT SUB-SUB-CLASS FOR TC1S1</u> | <u>3.0</u> | <u>NUM</u> | <u>92</u> | <u>94</u> |
| | <u>VALUE</u> | | | | <u>UNWEIGHTED</u> |
| | -1 INAPPLICABLE | | | | 103,971 |
| | 59 MISCELLANEOUS ANALGESICS | | | | 2,352 |
| | 60 NARCOTIC ANALGESICS | | | | 2,154 |
| | 61 NONSTEROIDAL ANTI-INFLAMMATORY AGENTS | | | | 6,172 |
| | 62 SALICYLATES | | | | 1,879 |
| | 63 ANALGESIC COMBINATIONS | | | | 387 |
| | 69 BENZODIAZEPINES | | | | 2,518 |
| | 70 MISC ANXIOLYTICS, SEDATIVES AND HYPNOTICS | | | | 2,853 |
| | 77 MISCELLANEOUS ANTIPSYCHOTIC AGENTS | | | | 404 |
| | 79 PSYCHOTHERAPEUTIC COMBINATIONS | | | | 60 |
| | 89 ANTICHOLINERGICS/ANTISPASMODICS | | | | 494 |
| | 102 CONTRACEPTIVES | | | | 5,150 |
| | 126 METHYLXANTHINES | | | | 171 |
| | 137 TOPICAL ANTI-INFECTIVES | | | | 84 |
| | 138 TOPICAL STEROIDS | | | | 1,509 |
| | 139 TOPICAL ANESTHETICS | | | | 273 |
| | 140 MISCELLANEOUS TOPICAL AGENTS | | | | 232 |
| | 141 TOPICAL STEROIDS WITH ANTI-INFECTIVES | | | | 157 |
| | 143 TOPICAL ACNE AGENTS | | | | 695 |
| | 144 TOPICAL ANTIPSORIATICS | | | | 79 |
| | 154 LOOP DIURETICS | | | | 4,488 |
| | 155 POTASSIUM-SPARING DIURETICS | | | | 1,010 |
| | 156 THIAZIDE DIURETICS | | | | 5,693 |
| | 157 CARBONIC ANHYDRASE INHIBITORS | | | | 50 |
| | 159 FIRST GENERATION CEPHALOSPORINS | | | | 707 |
| | 160 SECOND GENERATION CEPHALOSPORINS | | | | 157 |
| | 161 THIRD GENERATION CEPHALOSPORINS | | | | 258 |
| | 163 OPHTHALMIC ANTI-INFECTIVES | | | | 519 |
| | 164 OPHTHALMIC GLAUCOMA AGENTS | | | | 2,136 |
| | 165 OPHTHALMIC STEROIDS | | | | 268 |
| | 166 OPHTHALMIC STEROIDS WITH ANTI-INFECTIVES | | | | 155 |
| | 167 OPHTHALMIC ANTI-INFLAMMATORY AGENTS | | | | 302 |
| | (CONT'D ON NEXT PAGE) | | | | |

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| <u>NAME</u> | <u>DESCRIPTION</u> | <u>FORMAT</u> | <u>TYPE</u> | <u>START</u> | <u>END</u> |
|----------------|---|---------------|-------------|--------------|-------------------|
| <u>TC1S1 1</u> | <u>MULTUM THERAPEUT SUB-SUB-CLASS FOR TC1S1</u> | <u>3.0</u> | <u>NUM</u> | <u>92</u> | <u>94</u> |
| | <u>VALUE</u> | | | | <u>UNWEIGHTED</u> |
| | (CONT'D FROM PREVIOUS PAGE) | | | | |
| | 168 OPHTHALMIC LUBRICANTS AND IRRIGATIONS | | | | 125 |
| | 169 MISCELLANEOUS OPHTHALMIC AGENTS | | | | 10 |
| | 170 OTIC ANTI-INFECTIVES | | | | 40 |
| | 171 OTIC STEROIDS WITH ANTI-INFECTIVES | | | | 167 |
| | 173 HMG-COA REDUCTASE INHIBITORS | | | | 18,566 |
| | 175 PROTEASE INHIBITORS | | | | 233 |
| | 176 NRTIS | | | | 123 |
| | 177 MISCELLANEOUS ANTIVIRALS | | | | 1 |
| | 178 SKELETAL MUSCLE RELAXANTS | | | | 2,913 |
| | 179 SKELETAL MUSCLE RELAXANT COMBINATIONS | | | | 10 |
| | 180 ADRENERGIC BRONCHODILATORS | | | | 5,310 |
| | 181 BRONCHODILATOR COMBINATIONS | | | | 2,848 |
| | 182 ANDROGENS AND ANABOLIC STEROIDS | | | | 178 |
| | 183 ESTROGENS | | | | 2,131 |
| | 184 GONADOTROPINS | | | | 18 |
| | 185 PROGESTINS | | | | 126 |
| | 186 SEX HORMONE COMBINATIONS | | | | 310 |
| | 191 NARCOTIC ANALGESIC COMBINATIONS | | | | 8,680 |
| | 193 ANTIMIGRAINE AGENTS | | | | 715 |
| | 195 5HT3 RECEPTOR ANTAGONISTS | | | | 153 |
| | 196 PHENOTHIAZINE ANTIEMETICS | | | | 631 |
| | 197 ANTICHOLINERGIC ANTIEMETICS | | | | 914 |
| | 198 MISCELLANEOUS ANTIEMETICS | | | | 657 |
| | 200 SUCCINIMIDE ANTICONVULSANTS | | | | 4 |
| | 201 BARBITURATE ANTICONVULSANTS | | | | 267 |
| | 203 BENZODIAZEPINE ANTICONVULSANTS | | | | 3,171 |
| | 205 ANTICHOLINERGIC ANTIPARKINSON AGENTS | | | | 337 |
| | 208 SSRI ANTIDEPRESSANTS | | | | 8,869 |
| | 209 TRICYCLIC ANTIDEPRESSANTS | | | | 1,559 |
| | 210 PHENOTHIAZINE ANTIPSYCHOTICS | | | | 65 |
| | 211 PLATELET AGGREGATION INHIBITORS | | | | 2,610 |
| | 213 SULFONYLUREAS | | | | 4,885 |
| | 214 BIGUANIDES | | | | 7,118 |
| | 215 INSULIN | | | | 5,021 |
| | 216 ALPHA-GLUCOSIDASE INHIBITORS | | | | 15 |
| | 217 BISPHOSPHONATES | | | | 2,870 |
| | 222 PENICILLINASE RESISTANT PENICILLINS | | | | 16 |
| | 224 AMINOPENICILLINS | | | | 3,111 |
| | 225 BETA-LACTAMASE INHIBITORS | | | | 503 |
| | 226 NATURAL PENICILLINS | | | | 466 |
| | 227 NNRTIS | | | | 18 |
| | 228 ADAMANTANE ANTIVIRALS | | | | 49 |
| | 229 PURINE NUCLEOSIDES | | | | 532 |
| | 231 THIOCARBAMIDE DERIVATIVES | | | | 158 |
| | 232 RIFAMYCIN DERIVATIVES | | | | 18 |
| | 234 MISCELLANEOUS ANTITUBERCULOSIS AGENTS | | | | 3 |
| | 235 POLYENES | | | | 88 |
| | 236 AZOLE ANTIFUNGALS | | | | 376 |
| | (CONT'D ON NEXT PAGE) | | | | |

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| <u>NAME</u> | <u>DESCRIPTION</u> | <u>FORMAT</u> | <u>TYPE</u> | <u>START</u> | <u>END</u> |
|----------------|---|---------------|-------------|--------------|-------------------|
| <u>TC1S1 1</u> | <u>MULTUM THERAPEUT SUB-SUB-CLASS FOR TC1S1</u> | <u>3.0</u> | <u>NUM</u> | <u>92</u> | <u>94</u> |
| | <u>VALUE</u> | | | | <u>UNWEIGHTED</u> |
| | (CONT'D FROM PREVIOUS PAGE) | | | | |
| | 237 MISCELLANEOUS ANTIFUNGALS | | | | 144 |
| | 238 ANTIMALARIAL QUINOLINES | | | | 480 |
| | 239 MISCELLANEOUS ANTIMALARIALS | | | | 495 |
| | 241 FIBRIC ACID DERIVATIVES | | | | 1,842 |
| | 244 NASAL LUBRICANTS AND IRRIGATIONS | | | | 37 |
| | 245 NASAL STEROIDS | | | | 2,393 |
| | 246 NASAL ANTIHISTAMINES AND DECONGESTANTS | | | | 267 |
| | 248 TOPICAL EMOLLIENTS | | | | 194 |
| | 252 BILE ACID SEQUESTRANTS | | | | 231 |
| | 261 HEPARINS | | | | 89 |
| | 262 COUMARINS AND INDANDIONES | | | | 2,104 |
| | 267 OPHTHALMIC ANTIHISTAMINES, DECONGESTANTS | | | | 307 |
| | 268 VAGINAL ANTI-INFECTIVES | | | | 14 |
| | 271 THIAZOLIDINEDIONES | | | | 2,076 |
| | 274 CARDIOSELECTIVE BETA BLOCKERS | | | | 11,479 |
| | 275 NON-CARDIOSELECTIVE BETA BLOCKERS | | | | 2,080 |
| | 276 DOPAMINERGIC ANTIPARKINSONISM AGENTS | | | | 988 |
| | 278 COX-2 INHIBITORS | | | | 1,013 |
| | 280 THIOXANTHENES | | | | 55 |
| | 281 NEURAMINIDASE INHIBITORS | | | | 138 |
| | 282 MEGLITINIDES | | | | 163 |
| | 285 FACTOR XA INHIBITORS | | | | 1 |
| | 286 MYDRIATICS | | | | 29 |
| | 290 TOPICAL ANTIBIOTICS | | | | 487 |
| | 291 TOPICAL ANTIVIRALS | | | | 46 |
| | 292 TOPICAL ANTIFUNGALS | | | | 488 |
| | 296 INHALED CORTICOSTEROIDS | | | | 949 |
| | 298 MAST CELL STABILIZERS | | | | 4 |
| | 299 ANTICHOLINERGIC BRONCHODILATORS | | | | 852 |
| | 301 GLUCOCORTICOIDS | | | | 3,141 |
| | 302 MINERALOCORTICOIDS | | | | 62 |
| | 304 MACROLIDES | | | | 3,152 |
| | 306 PHENYLPIPERAZINE ANTIDEPRESSANTS | | | | 1,282 |
| | 307 TETRACYCLIC ANTIDEPRESSANTS | | | | 395 |
| | 308 SSRI ANTIDEPRESSANTS | | | | 2,577 |
| | 311 DIBENZAZEPINE ANTICONVULSANTS | | | | 506 |
| | 314 ANTIDIABETIC COMBINATIONS | | | | 1,337 |
| | 316 CHOLESTEROL ABSORPTION INHIBITORS | | | | 928 |
| | 317 ANTIHYPERLIPIDEMIC COMBINATIONS | | | | 1,732 |
| | 327 ANTIVIRAL COMBINATIONS | | | | 197 |
| | 328 ANTIMALARIAL COMBINATIONS | | | | 13 |
| | 330 ANTIVIRAL INTERFERONS | | | | 23 |
| | 341 ATYPICAL ANTIPSYCHOTICS | | | | 2,804 |
| | 345 FATTY ACID DERIVATIVE ANTICONVULSANTS | | | | 716 |
| | 346 GAMMA-AMINOBUTYRIC ACID REUPTAKE INHIBITORS | | | | 4 |
| | 347 GAMMA-AMINOBUTYRIC ACID ANALOGS | | | | 2,621 |
| | 348 TRIAZINE ANTICONVULSANTS | | | | 665 |
| | 350 PYRROLIDINE ANTICONVULSANTS | | | | 372 |
| | (CONT'D ON NEXT PAGE) | | | | |

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| <u>NAME</u> | <u>DESCRIPTION</u> | <u>FORMAT</u> | <u>TYPE</u> | <u>START</u> | <u>END</u> |
|----------------|---|---------------|-------------|--------------|-------------------|
| <u>TC1S1 1</u> | <u>MULTUM THERAPEUT SUB-SUB-CLASS FOR TC1S1</u> | <u>3.0</u> | <u>NUM</u> | <u>92</u> | <u>94</u> |
| | <u>VALUE</u> | | | | <u>UNWEIGHTED</u> |
| | (CONT'D FROM PREVIOUS PAGE) | | | | |
| | 351 CARBONIC ANHYDRASE INHIBITOR ANTICONVULSA | | | | 702 |
| | 362 CHLORIDE CHANNEL ACTIVATORS | | | | 56 |
| | 366 INTEGRASE STRAND TRANSFER INHIBITOR | | | | 3 |
| | 370 OTIC STEROIDS | | | | 6 |
| | 371 DIPEPTIDYL PEPTIDASE 4 INHIBITORS | | | | 512 |
| | 372 AMYLIN ANALOGS | | | | 25 |
| | 373 INCRETIN MIMETICS | | | | 297 |
| | 380 TOPICAL DEBRIDING AGENTS | | | | 22 |
| | 381 TOPICAL DEPIGMENTING AGENTS | | | | 19 |
| | 382 TOPICAL ANTIHISTAMINES | | | | 6 |
| | 385 GROUP I ANTIARRHYTHMICS | | | | 675 |
| | 386 GROUP II ANTIARRHYTHMICS | | | | 616 |
| | 387 GROUP III ANTIARRHYTHMICS | | | | 441 |
| | 388 GROUP IV ANTIARRHYTHMICS | | | | 2,285 |
| | 389 GROUP V ANTIARRHYTHMICS | | | | 1,288 |
| | 392 OTIC ANESTHETICS | | | | 50 |
| | 393 CERUMENOLYTICS | | | | 74 |
| | 394 TOPICAL ASTRINGENTS | | | | 2 |
| | 395 TOPICAL KERATOLYTICS | | | | 3 |
| | TOTAL | | | | 293,379 |
| <u>TC1S1 2</u> | <u>MULTUM THERAPEUT SUB-SUB-CLASS FOR TC1S1</u> | <u>3.0</u> | <u>NUM</u> | <u>95</u> | <u>97</u> |
| | <u>VALUE</u> | | | | <u>UNWEIGHTED</u> |
| | -1 INAPPLICABLE | | | | 291,987 |
| | 140 MISCELLANEOUS TOPICAL AGENTS | | | | 1 |
| | 185 PROGESTINS | | | | 176 |
| | 186 SEX HORMONE COMBINATIONS | | | | 1,087 |
| | 286 MYDRIATICS | | | | 15 |
| | 290 TOPICAL ANTIBIOTICS | | | | 26 |
| | 395 TOPICAL KERATOLYTICS | | | | 87 |
| | TOTAL | | | | 293,379 |

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| <u>NAME</u> | <u>DESCRIPTION</u> | <u>FORMAT</u> | <u>TYPE</u> | <u>START</u> | <u>END</u> |
|----------------|---|---------------|-------------|-------------------|------------|
| <u>TC1S2</u> | <u>MULTUM THERAPEUTIC SUB-CLASS #2 FOR TC1</u> | <u>3.0</u> | <u>NUM</u> | <u>98</u> | <u>100</u> |
| | <u>VALUE</u> | | | <u>UNWEIGHTED</u> | |
| | -1 INAPPLICABLE | | | | 279,770 |
| | 5 ANTIMALARIAL AGENTS | | | | 4 |
| | 12 MISCELLANEOUS ANTIBIOTICS | | | | 244 |
| | 15 SULFONAMIDES | | | | 737 |
| | 16 TETRACYCLINES | | | | 495 |
| | 18 AMINOGLYCOSIDES | | | | 1 |
| | 47 BETA-ADRENERGIC BLOCKING AGENTS | | | | 717 |
| | 48 CALCIUM CHANNEL BLOCKING AGENTS | | | | 2,285 |
| | 50 INOTROPIC AGENTS | | | | 1,288 |
| | 53 VASODILATORS | | | | 502 |
| | 65 ANTIEMETIC/ANTIVERTIGO AGENTS | | | | 1,021 |
| | 66 ANTIPARKINSON AGENTS | | | | 381 |
| | 67 ANXIOLYTICS, SEDATIVES, AND HYPNOTICS | | | | 2,298 |
| | 95 LAXATIVES | | | | 6 |
| | 120 VITAMIN AND MINERAL COMBINATIONS | | | | 1,169 |
| | 146 MOUTH AND THROAT PRODUCTS | | | | 138 |
| | 151 VAGINAL PREPARATIONS | | | | 342 |
| | 253 ANOREXIANTS | | | | 174 |
| | 289 ANTIHYPERURICEMIC AGENTS | | | | 919 |
| | 340 ALDOSTERONE RECEPTOR ANTAGONISTS | | | | 888 |
| | TOTAL | | | | 293,379 |
| <u>TC1S2 1</u> | <u>MULTUM THERAPEUT SUB-SUB-CLASS FOR TC1S2</u> | <u>3.0</u> | <u>NUM</u> | <u>101</u> | <u>103</u> |
| | <u>VALUE</u> | | | <u>UNWEIGHTED</u> | |
| | -1 INAPPLICABLE | | | | 288,616 |
| | 68 BARBITURATES | | | | 148 |
| | 69 BENZODIAZEPINES | | | | 2,150 |
| | 198 MISCELLANEOUS ANTIEMETICS | | | | 1,021 |
| | 205 ANTICHOLINERGIC ANTIPARKINSON AGENTS | | | | 381 |
| | 238 ANTIMALARIAL QUINOLINES | | | | 4 |
| | 268 VAGINAL ANTI-INFECTIVES | | | | 342 |
| | 274 CARDIOSELECTIVE BETA BLOCKERS | | | | 24 |
| | 275 NON-CARDIOSELECTIVE BETA BLOCKERS | | | | 693 |
| | TOTAL | | | | 293,379 |
| <u>TC1S3</u> | <u>MULTUM THERAPEUTIC SUB-CLASS #3 FOR TC1</u> | <u>2.0</u> | <u>NUM</u> | <u>104</u> | <u>105</u> |
| | <u>VALUE</u> | | | <u>UNWEIGHTED</u> | |
| | -1 INAPPLICABLE | | | | 291,977 |
| | 67 ANXIOLYTICS, SEDATIVES, AND HYPNOTICS | | | | 1,402 |
| | TOTAL | | | | 293,379 |
| <u>TC1S3 1</u> | <u>MULTUM THERAPEUT SUB-SUB-CLASS FOR TC1S3</u> | <u>2.0</u> | <u>NUM</u> | <u>106</u> | <u>107</u> |
| | <u>VALUE</u> | | | <u>UNWEIGHTED</u> | |
| | -1 INAPPLICABLE | | | | 291,977 |
| | 69 BENZODIAZEPINES | | | | 1,021 |
| | 70 MISC ANXIOLYTICS, SEDATIVES AND HYPNOTICS | | | | 381 |
| | TOTAL | | | | 293,379 |

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| <u>NAME</u> | <u>DESCRIPTION</u> | <u>FORMAT</u> | <u>TYPE</u> | <u>START</u> | <u>END</u> |
|-------------|------------------------------------|---------------|-------------|--------------|-------------------|
| <u>TC2</u> | <u>MULTUM THERAPEUTIC CLASS #2</u> | <u>3.0</u> | <u>NUM</u> | <u>108</u> | <u>110</u> |
| | <u>VALUE</u> | | | | <u>UNWEIGHTED</u> |
| | -1 INAPPLICABLE | | | | 281,942 |
| | 57 CENTRAL NERVOUS SYSTEM AGENTS | | | | 604 |
| | 81 COAGULATION MODIFIERS | | | | 1,973 |
| | 87 GASTROINTESTINAL AGENTS | | | | 712 |
| | 97 HORMONES/HORMONE MODIFIERS | | | | 1,276 |
| | 105 MISCELLANEOUS AGENTS | | | | 1,152 |
| | 113 GENITOURINARY TRACT AGENTS | | | | 207 |
| | 115 NUTRITIONAL PRODUCTS | | | | 264 |
| | 122 RESPIRATORY AGENTS | | | | 2,071 |
| | 133 TOPICAL AGENTS | | | | 303 |
| | 218 ALTERNATIVE MEDICINES | | | | 13 |
| | 242 PSYCHOTHERAPEUTIC AGENTS | | | | 1,695 |
| | 254 IMMUNOLOGIC AGENTS | | | | 287 |
| | 331 RADIOLOGIC AGENTS | | | | 34 |
| | 358 METABOLIC AGENTS | | | | 846 |
| | TOTAL | | | | 293,379 |

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| <u>NAME</u> | <u>DESCRIPTION</u> | <u>FORMAT</u> | <u>TYPE</u> | <u>START</u> | <u>END</u> |
|--------------|--|---------------|-------------|--------------|-------------------|
| <u>TC2S1</u> | <u>MULTUM THERAPEUTIC SUB-CLASS #1 FOR TC2</u> | <u>3.0</u> | <u>NUM</u> | <u>111</u> | <u>113</u> |
| | <u>VALUE</u> | | | | <u>UNWEIGHTED</u> |
| | -1 INAPPLICABLE | | | | 281,942 |
| | 19 ANTIHYPERLIPIDEMIC AGENTS | | | | 846 |
| | 64 ANTICONVULSANTS | | | | 555 |
| | 66 ANTIPARKINSON AGENTS | | | | 49 |
| | 83 ANTIPLATELET AGENTS | | | | 1,973 |
| | 93 GI STIMULANTS | | | | 612 |
| | 101 SEX HORMONES | | | | 271 |
| | 104 IMMUNOSUPPRESSIVE AGENTS | | | | 78 |
| | 106 ANTIDOTES | | | | 34 |
| | 109 LOCAL INJECTABLE ANESTHETICS | | | | 23 |
| | 110 MISCELLANEOUS UNCATEGORIZED AGENTS | | | | 62 |
| | 117 MINERALS AND ELECTROLYTES | | | | 264 |
| | 123 ANTIHISTAMINES | | | | 1,285 |
| | 125 BRONCHODILATORS | | | | 71 |
| | 127 DECONGESTANTS | | | | 4 |
| | 128 EXPECTORANTS | | | | 3 |
| | 129 MISCELLANEOUS RESPIRATORY AGENTS | | | | 192 |
| | 130 RESPIRATORY INHALANT PRODUCTS | | | | 516 |
| | 146 MOUTH AND THROAT PRODUCTS | | | | 104 |
| | 151 VAGINAL PREPARATIONS | | | | 199 |
| | 192 ANTIRHEUMATICS | | | | 1,033 |
| | 249 ANTIDEPRESSANTS | | | | 1,465 |
| | 251 ANTIPSYCHOTICS | | | | 230 |
| | 257 IMMUNOSUPPRESSIVE MONOCLONAL ANTIBODIES | | | | 209 |
| | 263 IMPOTENCE AGENTS | | | | 169 |
| | 265 URINARY PH MODIFIERS | | | | 38 |
| | 277 5-AMINOSALICYLATES | | | | 85 |
| | 332 RADIOLOGIC ADJUNCTS | | | | 34 |
| | 355 FUNCTIONAL BOWEL DISORDER AGENTS | | | | 15 |
| | 363 PROBIOTICS | | | | 13 |
| | 377 PROLACTIN INHIBITORS | | | | 50 |
| | 417 SELECTIVE ESTROGEN RECEPTOR MODULATORS | | | | 630 |
| | 420 ANTIANDROGENS | | | | 69 |
| | 423 AROMATASE INHIBITORS | | | | 256 |
| | TOTAL | | | | 293,379 |

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| <u>NAME</u> | <u>DESCRIPTION</u> | <u>FORMAT</u> | <u>TYPE</u> | <u>START</u> | <u>END</u> |
|----------------|---|---------------|-------------|-------------------|------------|
| <u>TC2S1 1</u> | <u>MULTUM THERAPEUT SUB-SUB-CLASS FOR TC2S1</u> | <u>3.0</u> | <u>NUM</u> | <u>114</u> | <u>116</u> |
| | <u>VALUE</u> | | | <u>UNWEIGHTED</u> | |
| | -1 INAPPLICABLE | | | | 287,155 |
| | 76 MISCELLANEOUS ANTIDEPRESSANTS | | | | 1,321 |
| | 89 ANTICHOLINERGICS/ANTISPASMODICS | | | | 15 |
| | 102 CONTRACEPTIVES | | | | 176 |
| | 174 MISCELLANEOUS ANTIHYPERLIPIDEMIC AGENTS | | | | 528 |
| | 180 ADRENERGIC BRONCHODILATORS | | | | 71 |
| | 185 PROGESTINS | | | | 79 |
| | 199 HYDANTOIN ANTICONVULSANTS | | | | 507 |
| | 209 TRICYCLIC ANTIDEPRESSANTS | | | | 144 |
| | 210 PHENOTHIAZINE ANTIPSYCHOTICS | | | | 230 |
| | 211 PLATELET AGGREGATION INHIBITORS | | | | 1,973 |
| | 269 MISCELLANEOUS VAGINAL AGENTS | | | | 199 |
| | 276 DOPAMINERGIC ANTIPARKINSONISM AGENTS | | | | 49 |
| | 279 GONADOTROPIN-RELEASING HORMONE AND ANALOG | | | | 16 |
| | 296 INHALED CORTICOSTEROIDS | | | | 461 |
| | 297 MUCOLYTICS | | | | 26 |
| | 317 ANTIHYPERLIPIDEMIC COMBINATIONS | | | | 318 |
| | 351 CARBONIC ANHYDRASE INHIBITOR ANTICONVULSA | | | | 48 |
| | 374 CARDIAC STRESSING AGENTS | | | | 34 |
| | 407 INHALED ANTI-INFECTIVES | | | | 29 |
| | TOTAL | | | | 293,379 |
| <u>TC2S1 2</u> | <u>MULTUM THERAPEUT SUB-SUB-CLASS FOR TC2S1</u> | <u>3.0</u> | <u>NUM</u> | <u>117</u> | <u>119</u> |
| | <u>VALUE</u> | | | <u>UNWEIGHTED</u> | |
| | -1 INAPPLICABLE | | | | 293,203 |
| | 185 PROGESTINS | | | | 176 |
| | TOTAL | | | | 293,379 |
| <u>TC2S2</u> | <u>MULTUM THERAPEUTIC SUB-CLASS #2 FOR TC2</u> | <u>3.0</u> | <u>NUM</u> | <u>120</u> | <u>122</u> |
| | <u>VALUE</u> | | | <u>UNWEIGHTED</u> | |
| | -1 INAPPLICABLE | | | | 292,797 |
| | 270 ANTIPSORIATICS | | | | 582 |
| | TOTAL | | | | 293,379 |
| <u>TC3</u> | <u>MULTUM THERAPEUTIC CLASS #3</u> | <u>3.0</u> | <u>NUM</u> | <u>123</u> | <u>125</u> |
| | <u>VALUE</u> | | | <u>UNWEIGHTED</u> | |
| | -1 INAPPLICABLE | | | | 293,341 |
| | 115 NUTRITIONAL PRODUCTS | | | | 38 |
| | TOTAL | | | | 293,379 |

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| <u>NAME</u> | <u>DESCRIPTION</u> | <u>FORMAT</u> | <u>TYPE</u> | <u>START</u> | <u>END</u> |
|--------------|--|---------------|-------------|--------------|-------------------|
| <u>TC3S1</u> | <u>MULTUM THERAPEUTIC SUB-CLASS #1 FOR TC3</u> | <u>3.0</u> | <u>NUM</u> | <u>126</u> | <u>128</u> |
| | <u>VALUE</u> | | | | <u>UNWEIGHTED</u> |
| | -1 INAPPLICABLE | | | | 293,341 |
| | 117 MINERALS AND ELECTROLYTES | | | | 38 |
| | TOTAL | | | | 293,379 |