

**TABLE 4: PROJECTED POPULATION BY REGION AND SEX, 2021-2050**

| Region/Sex           | 2021              | 2022              | 2023              | 2024              | 2025              | 2026              | 2027              | 2028              | 2029              | 2030              | 2031              | 2032              |
|----------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| <b>National</b>      | <b>30,832,019</b> | <b>31,548,148</b> | <b>32,275,647</b> | <b>33,007,618</b> | <b>33,742,380</b> | <b>34,378,768</b> | <b>35,090,075</b> | <b>35,804,385</b> | <b>36,520,432</b> | <b>37,237,375</b> | <b>37,957,148</b> | <b>38,679,317</b> |
| Male                 | 15,200,440        | 15,554,744        | 15,913,608        | 16,273,744        | 16,634,362        | 16,945,836        | 17,293,617        | 17,642,328        | 17,991,397        | 18,340,446        | 18,690,479        | 19,041,295        |
| Female               | 15,631,579        | 15,993,404        | 16,362,039        | 16,733,874        | 17,108,018        | 17,432,932        | 17,796,458        | 18,162,057        | 18,529,035        | 18,896,929        | 19,266,669        | 19,638,022        |
| <b>Western</b>       | <b>2,060,585</b>  | <b>2,106,523</b>  | <b>2,153,191</b>  | <b>2,200,146</b>  | <b>2,247,279</b>  | <b>2,288,102</b>  | <b>2,333,731</b>  | <b>2,379,553</b>  | <b>2,425,486</b>  | <b>2,471,477</b>  | <b>2,517,649</b>  | <b>2,563,975</b>  |
| Male                 | 1,045,227         | 1,068,601         | 1,092,273         | 1,116,026         | 1,139,809         | 1,160,349         | 1,183,282         | 1,206,275         | 1,229,292         | 1,252,306         | 1,275,385         | 1,298,515         |
| Female               | 1,015,358         | 1,037,922         | 1,060,918         | 1,084,120         | 1,107,470         | 1,127,753         | 1,150,449         | 1,173,278         | 1,196,194         | 1,219,171         | 1,242,264         | 1,265,460         |
| <b>Central</b>       | <b>2,859,821</b>  | <b>2,936,148</b>  | <b>3,013,687</b>  | <b>3,091,703</b>  | <b>3,170,016</b>  | <b>3,237,844</b>  | <b>3,313,658</b>  | <b>3,389,791</b>  | <b>3,466,109</b>  | <b>3,542,523</b>  | <b>3,619,239</b>  | <b>3,696,210</b>  |
| Male                 | 1,390,987         | 1,428,208         | 1,465,922         | 1,503,781         | 1,541,702         | 1,574,465         | 1,611,050         | 1,647,738         | 1,684,468         | 1,721,198         | 1,758,035         | 1,794,957         |
| Female               | 1,468,834         | 1,507,940         | 1,547,765         | 1,587,922         | 1,628,314         | 1,663,379         | 1,702,608         | 1,742,053         | 1,781,641         | 1,821,325         | 1,861,204         | 1,901,253         |
| <b>Greater Accra</b> | <b>5,455,692</b>  | <b>5,623,395</b>  | <b>5,793,761</b>  | <b>5,965,173</b>  | <b>6,137,240</b>  | <b>6,286,269</b>  | <b>6,452,843</b>  | <b>6,620,120</b>  | <b>6,787,804</b>  | <b>6,955,697</b>  | <b>7,124,253</b>  | <b>7,293,371</b>  |
| Male                 | 2,679,063         | 2,761,600         | 2,845,260         | 2,929,267         | 3,013,430         | 3,086,164         | 3,167,389         | 3,248,852         | 3,330,416         | 3,411,990         | 3,493,804         | 3,575,811         |
| Female               | 2,776,629         | 2,861,795         | 2,948,501         | 3,035,906         | 3,123,810         | 3,200,105         | 3,285,454         | 3,371,268         | 3,457,388         | 3,543,707         | 3,630,449         | 3,717,560         |
| <b>Volta</b>         | <b>1,659,040</b>  | <b>1,679,652</b>  | <b>1,700,591</b>  | <b>1,721,658</b>  | <b>1,742,806</b>  | <b>1,761,123</b>  | <b>1,781,595</b>  | <b>1,802,155</b>  | <b>1,822,764</b>  | <b>1,843,399</b>  | <b>1,864,115</b>  | <b>1,884,901</b>  |
| Male                 | 790,685           | 800,562           | 810,541           | 820,533           | 830,521           | 839,130           | 848,737           | 858,361           | 867,987           | 877,607           | 887,249           | 896,909           |
| Female               | 868,355           | 879,090           | 890,050           | 901,125           | 912,285           | 921,993           | 932,858           | 943,794           | 954,777           | 965,792           | 976,866           | 987,992           |
| <b>Eastern</b>       | <b>2,925,653</b>  | <b>2,959,585</b>  | <b>2,994,055</b>  | <b>3,028,737</b>  | <b>3,063,552</b>  | <b>3,093,705</b>  | <b>3,127,409</b>  | <b>3,161,254</b>  | <b>3,195,182</b>  | <b>3,229,152</b>  | <b>3,263,257</b>  | <b>3,297,474</b>  |
| Male                 | 1,436,951         | 1,453,714         | 1,470,643         | 1,487,591         | 1,504,524         | 1,519,116         | 1,535,398         | 1,551,707         | 1,568,018         | 1,584,316         | 1,600,650         | 1,617,014         |
| Female               | 1,488,702         | 1,505,871         | 1,523,412         | 1,541,146         | 1,559,028         | 1,574,589         | 1,592,011         | 1,609,547         | 1,627,164         | 1,644,836         | 1,662,607         | 1,680,460         |
| <b>Ashanti</b>       | <b>5,440,463</b>  | <b>5,517,037</b>  | <b>5,594,826</b>  | <b>5,673,094</b>  | <b>5,751,660</b>  | <b>5,819,707</b>  | <b>5,895,765</b>  | <b>5,972,144</b>  | <b>6,048,709</b>  | <b>6,125,370</b>  | <b>6,202,334</b>  | <b>6,279,553</b>  |
| Male                 | 2,679,914         | 2,717,816         | 2,756,132         | 2,794,523         | 2,832,912         | 2,866,019         | 2,902,969         | 2,939,993         | 2,977,035         | 3,014,056         | 3,051,169         | 3,088,353         |
| Female               | 2,760,549         | 2,799,221         | 2,838,694         | 2,878,571         | 2,918,748         | 2,953,688         | 2,992,796         | 3,032,151         | 3,071,674         | 3,111,314         | 3,151,165         | 3,191,200         |
| <b>Western North</b> | <b>880,921</b>    | <b>900,582</b>    | <b>920,556</b>    | <b>940,652</b>    | <b>960,825</b>    | <b>978,298</b>    | <b>997,826</b>    | <b>1,017,438</b>  | <b>1,037,097</b>  | <b>1,056,781</b>  | <b>1,076,542</b>  | <b>1,096,370</b>  |
| Male                 | 451,948           | 462,066           | 472,313           | 482,596           | 492,891           | 501,782           | 511,710           | 521,664           | 531,627           | 541,590           | 551,580           | 561,593           |
| Female               | 428,973           | 438,516           | 448,243           | 458,056           | 467,934           | 476,516           | 486,116           | 495,774           | 505,470           | 515,191           | 524,962           | 534,777           |

|                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| <b>Ahafo</b>      | <b>564,668</b>   | <b>574,002</b>   | <b>583,483</b>   | <b>593,024</b>   | <b>602,600</b>   | <b>610,894</b>   | <b>620,165</b>   | <b>629,475</b>   | <b>638,808</b>   | <b>648,152</b>   | <b>657,533</b>   | <b>666,945</b>   |
| Male              | 285,340          | 290,076          | 294,867          | 299,671          | 304,476          | 308,623          | 313,252          | 317,892          | 322,534          | 327,175          | 331,828          | 336,491          |
| Female            | 279,328          | 283,926          | 288,616          | 293,353          | 298,124          | 302,271          | 306,913          | 311,583          | 316,274          | 320,977          | 325,705          | 330,454          |
| <b>Bono</b>       | <b>1,208,649</b> | <b>1,241,830</b> | <b>1,275,539</b> | <b>1,309,454</b> | <b>1,343,499</b> | <b>1,372,986</b> | <b>1,405,944</b> | <b>1,439,041</b> | <b>1,472,219</b> | <b>1,505,438</b> | <b>1,538,788</b> | <b>1,572,250</b> |
| Male              | 596,676          | 613,098          | 629,739          | 646,445          | 663,179          | 677,637          | 693,783          | 709,974          | 726,184          | 742,395          | 758,653          | 774,949          |
| Female            | 611,973          | 628,732          | 645,800          | 663,009          | 680,320          | 695,349          | 712,161          | 729,067          | 746,035          | 763,043          | 780,135          | 797,301          |
| <b>Bono East</b>  | <b>1,203,400</b> | <b>1,238,114</b> | <b>1,273,379</b> | <b>1,308,862</b> | <b>1,344,479</b> | <b>1,375,328</b> | <b>1,409,808</b> | <b>1,444,434</b> | <b>1,479,144</b> | <b>1,513,898</b> | <b>1,548,789</b> | <b>1,583,796</b> |
| Male              | 603,136          | 620,576          | 638,251          | 655,997          | 673,774          | 689,135          | 706,289          | 723,492          | 740,716          | 757,942          | 775,218          | 792,533          |
| Female            | 600,264          | 617,538          | 635,128          | 652,865          | 670,705          | 686,193          | 703,519          | 720,942          | 738,428          | 755,956          | 773,571          | 791,263          |
| <b>Oti</b>        | <b>747,248</b>   | <b>760,050</b>   | <b>773,056</b>   | <b>786,142</b>   | <b>799,277</b>   | <b>810,654</b>   | <b>823,370</b>   | <b>836,140</b>   | <b>848,940</b>   | <b>861,757</b>   | <b>874,625</b>   | <b>887,535</b>   |
| Male              | 377,392          | 383,884          | 390,452          | 397,037          | 403,627          | 409,314          | 415,662          | 422,025          | 428,392          | 434,757          | 441,140          | 447,535          |
| Female            | 369,856          | 376,166          | 382,604          | 389,105          | 395,650          | 401,340          | 407,708          | 414,115          | 420,548          | 427,000          | 433,485          | 440,000          |
| <b>Northern</b>   | <b>2,310,928</b> | <b>2,399,787</b> | <b>2,490,056</b> | <b>2,580,881</b> | <b>2,672,051</b> | <b>2,751,015</b> | <b>2,839,276</b> | <b>2,927,909</b> | <b>3,016,757</b> | <b>3,105,717</b> | <b>3,195,028</b> | <b>3,284,636</b> |
| Male              | 1,141,705        | 1,185,680        | 1,230,278        | 1,275,076        | 1,319,973        | 1,358,788        | 1,402,137        | 1,445,620        | 1,489,163        | 1,532,715        | 1,576,400        | 1,620,190        |
| Female            | 1,169,223        | 1,214,107        | 1,259,778        | 1,305,805        | 1,352,078        | 1,392,227        | 1,437,139        | 1,482,289        | 1,527,594        | 1,573,002        | 1,618,628        | 1,664,446        |
| <b>Savannah</b>   | <b>653,277</b>   | <b>674,595</b>   | <b>696,252</b>   | <b>718,041</b>   | <b>739,914</b>   | <b>758,859</b>   | <b>780,033</b>   | <b>801,297</b>   | <b>822,613</b>   | <b>843,955</b>   | <b>865,382</b>   | <b>886,879</b>   |
| Male              | 327,687          | 338,408          | 349,271          | 360,181          | 371,112          | 380,559          | 391,110          | 401,692          | 412,287          | 422,885          | 433,513          | 444,167          |
| Female            | 325,590          | 336,187          | 346,981          | 357,860          | 368,802          | 378,300          | 388,923          | 399,605          | 410,326          | 421,070          | 431,869          | 442,712          |
| <b>North East</b> | <b>658,946</b>   | <b>681,444</b>   | <b>704,300</b>   | <b>727,296</b>   | <b>750,380</b>   | <b>770,373</b>   | <b>792,720</b>   | <b>815,161</b>   | <b>837,657</b>   | <b>860,181</b>   | <b>882,793</b>   | <b>905,481</b>   |
| Male              | 322,149          | 333,171          | 344,344          | 355,567          | 366,811          | 376,531          | 387,386          | 398,273          | 409,175          | 420,079          | 431,015          | 441,977          |
| Female            | 336,797          | 348,273          | 359,956          | 371,729          | 383,569          | 393,842          | 405,334          | 416,888          | 428,482          | 440,102          | 451,778          | 463,504          |
| <b>Upper East</b> | <b>1,301,226</b> | <b>1,330,771</b> | <b>1,360,784</b> | <b>1,390,982</b> | <b>1,421,296</b> | <b>1,447,550</b> | <b>1,476,896</b> | <b>1,506,366</b> | <b>1,535,907</b> | <b>1,565,485</b> | <b>1,595,180</b> | <b>1,624,974</b> |
| Male              | 631,263          | 645,639          | 660,200          | 674,811          | 689,441          | 702,076          | 716,184          | 730,330          | 744,490          | 758,648          | 772,847          | 787,077          |
| Female            | 669,963          | 685,132          | 700,584          | 716,171          | 731,855          | 745,474          | 760,712          | 776,036          | 791,417          | 806,837          | 822,333          | 837,897          |
| <b>Upper West</b> | <b>901,502</b>   | <b>924,633</b>   | <b>948,131</b>   | <b>971,773</b>   | <b>995,506</b>   | <b>1,016,061</b> | <b>1,039,036</b> | <b>1,062,107</b> | <b>1,085,236</b> | <b>1,108,393</b> | <b>1,131,641</b> | <b>1,154,967</b> |
| Male              | 440,317          | 451,645          | 463,122          | 474,642          | 486,180          | 496,148          | 507,279          | 518,440          | 529,613          | 540,787          | 551,993          | 563,224          |

|        |         |         |         |         |         |         |         |         |         |         |         |         |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Female | 461,185 | 472,988 | 485,009 | 497,131 | 509,326 | 519,913 | 531,757 | 543,667 | 555,623 | 567,606 | 579,648 | 591,743 |
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| 2033              | 2034              | 2035              | 2036              | 2037              | 2038              | 2039              | 2040              | 2041              | 2042              | 2043              | 2044              | 2045              | 2046              |
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| <b>39,403,579</b> | <b>40,129,396</b> | <b>40,855,847</b> | <b>41,580,705</b> | <b>42,304,258</b> | <b>43,026,805</b> | <b>43,747,430</b> | <b>44,465,234</b> | <b>45,187,816</b> | <b>45,919,418</b> | <b>46,664,015</b> | <b>47,420,635</b> | <b>48,188,183</b> | <b>48,964,187</b> |
| 19,392,775        | 19,744,753        | 20,096,756        | 20,447,717        | 20,797,830        | 21,147,277        | 21,495,605        | 21,842,348        | 22,191,317        | 22,544,627        | 22,904,268        | 23,269,748        | 23,640,528        | 24,015,384        |
| 20,010,804        | 20,384,643        | 20,759,091        | 21,132,988        | 21,506,428        | 21,879,528        | 22,251,825        | 22,622,886        | 22,996,499        | 23,374,791        | 23,759,747        | 24,150,887        | 24,547,655        | 24,948,803        |
| <b>2,610,435</b>  | <b>2,656,994</b>  | <b>2,703,595</b>  | <b>2,750,093</b>  | <b>2,796,508</b>  | <b>2,842,858</b>  | <b>2,889,085</b>  | <b>2,935,130</b>  | <b>2,981,483</b>  | <b>3,028,413</b>  | <b>3,076,178</b>  | <b>3,124,714</b>  | <b>3,173,951</b>  | <b>3,223,730</b>  |
| 1,321,688         | 1,344,894         | 1,368,102         | 1,391,240         | 1,414,323         | 1,437,362         | 1,460,327         | 1,483,187         | 1,506,195         | 1,529,489         | 1,553,201         | 1,577,298         | 1,601,745         | 1,626,461         |
| 1,288,747         | 1,312,100         | 1,335,493         | 1,358,853         | 1,382,185         | 1,405,496         | 1,428,758         | 1,451,943         | 1,475,288         | 1,498,924         | 1,522,977         | 1,547,416         | 1,572,206         | 1,597,269         |
| <b>3,773,404</b>  | <b>3,850,764</b>  | <b>3,928,191</b>  | <b>4,005,449</b>  | <b>4,082,567</b>  | <b>4,159,578</b>  | <b>4,236,385</b>  | <b>4,312,891</b>  | <b>4,389,905</b>  | <b>4,467,882</b>  | <b>4,547,243</b>  | <b>4,627,886</b>  | <b>4,709,694</b>  | <b>4,792,403</b>  |
| 1,831,950         | 1,868,997         | 1,906,047         | 1,942,988         | 1,979,840         | 2,016,622         | 2,053,285         | 2,089,783         | 2,126,513         | 2,163,699         | 2,201,549         | 2,240,012         | 2,279,030         | 2,318,475         |
| 1,941,454         | 1,981,767         | 2,022,144         | 2,062,461         | 2,102,727         | 2,142,956         | 2,183,100         | 2,223,108         | 2,263,392         | 2,304,183         | 2,345,694         | 2,387,874         | 2,430,664         | 2,473,928         |
| <b>7,462,978</b>  | <b>7,632,950</b>  | <b>7,803,070</b>  | <b>7,972,817</b>  | <b>8,142,259</b>  | <b>8,311,465</b>  | <b>8,480,221</b>  | <b>8,648,316</b>  | <b>8,817,530</b>  | <b>8,988,857</b>  | <b>9,163,226</b>  | <b>9,340,411</b>  | <b>9,520,156</b>  | <b>9,701,880</b>  |
| 3,657,981         | 3,740,270         | 3,822,569         | 3,904,627         | 3,986,488         | 4,068,193         | 4,149,636         | 4,230,709         | 4,312,298         | 4,394,896         | 4,478,963         | 4,564,387         | 4,651,042         | 4,738,643         |
| 3,804,997         | 3,892,680         | 3,980,501         | 4,068,190         | 4,155,771         | 4,243,272         | 4,330,585         | 4,417,607         | 4,505,232         | 4,593,961         | 4,684,263         | 4,776,024         | 4,869,114         | 4,963,237         |
| <b>1,905,747</b>  | <b>1,926,637</b>  | <b>1,947,546</b>  | <b>1,968,409</b>  | <b>1,989,234</b>  | <b>2,010,031</b>  | <b>2,030,772</b>  | <b>2,051,431</b>  | <b>2,072,229</b>  | <b>2,093,286</b>  | <b>2,114,717</b>  | <b>2,136,494</b>  | <b>2,158,585</b>  | <b>2,180,920</b>  |
| 906,584           | 916,271           | 925,957           | 935,614           | 945,246           | 954,861           | 964,445           | 973,985           | 983,588           | 993,313           | 1,003,217         | 1,013,285         | 1,023,503         | 1,033,835         |
| 999,163           | 1,010,366         | 1,021,589         | 1,032,795         | 1,043,988         | 1,055,170         | 1,066,327         | 1,077,446         | 1,088,641         | 1,099,973         | 1,111,500         | 1,123,209         | 1,135,082         | 1,147,085         |
| <b>3,331,792</b>  | <b>3,366,182</b>  | <b>3,400,603</b>  | <b>3,434,948</b>  | <b>3,469,232</b>  | <b>3,503,468</b>  | <b>3,537,612</b>  | <b>3,571,623</b>  | <b>3,605,861</b>  | <b>3,640,526</b>  | <b>3,675,806</b>  | <b>3,711,657</b>  | <b>3,748,024</b>  | <b>3,784,793</b>  |
| 1,633,402         | 1,649,811         | 1,666,218         | 1,682,574         | 1,698,889         | 1,715,174         | 1,731,407         | 1,747,565         | 1,763,831         | 1,780,304         | 1,797,081         | 1,814,138         | 1,831,448         | 1,848,955         |
| 1,698,390         | 1,716,371         | 1,734,385         | 1,752,374         | 1,770,343         | 1,788,294         | 1,806,205         | 1,824,058         | 1,842,030         | 1,860,222         | 1,878,725         | 1,897,519         | 1,916,576         | 1,935,838         |
| <b>6,356,996</b>  | <b>6,434,606</b>  | <b>6,512,284</b>  | <b>6,589,791</b>  | <b>6,667,158</b>  | <b>6,744,418</b>  | <b>6,821,473</b>  | <b>6,898,225</b>  | <b>6,975,489</b>  | <b>7,053,717</b>  | <b>7,133,335</b>  | <b>7,214,238</b>  | <b>7,296,310</b>  | <b>7,379,286</b>  |
| 3,125,598         | 3,162,892         | 3,200,184         | 3,237,362         | 3,274,449         | 3,311,466         | 3,348,366         | 3,385,095         | 3,422,066         | 3,459,506         | 3,497,628         | 3,536,379         | 3,575,703         | 3,615,466         |
| 3,231,398         | 3,271,714         | 3,312,100         | 3,352,429         | 3,392,709         | 3,432,952         | 3,473,107         | 3,513,130         | 3,553,423         | 3,594,211         | 3,635,707         | 3,677,859         | 3,720,607         | 3,763,820         |
| <b>1,116,254</b>  | <b>1,136,182</b>  | <b>1,156,127</b>  | <b>1,176,028</b>  | <b>1,195,893</b>  | <b>1,215,731</b>  | <b>1,235,515</b>  | <b>1,255,223</b>  | <b>1,275,062</b>  | <b>1,295,148</b>  | <b>1,315,591</b>  | <b>1,336,364</b>  | <b>1,357,437</b>  | <b>1,378,742</b>  |
| 571,625           | 581,670           | 591,716           | 601,733           | 611,725           | 621,698           | 631,640           | 641,536           | 651,495           | 661,579           | 671,844           | 682,275           | 692,858           | 703,557           |
| 544,629           | 554,512           | 564,411           | 574,295           | 584,168           | 594,033           | 603,875           | 613,687           | 623,567           | 633,569           | 643,747           | 654,089           | 664,579           | 675,185           |

|                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| <b>676,385</b>   | <b>685,845</b>   | <b>695,313</b>   | <b>704,760</b>   | <b>714,191</b>   | <b>723,608</b>   | <b>733,000</b>   | <b>742,356</b>   | <b>751,773</b>   | <b>761,309</b>   | <b>771,013</b>   | <b>780,875</b>   | <b>790,879</b>   | <b>800,993</b>   |
| 341,161          | 345,838          | 350,515          | 355,178          | 359,829          | 364,472          | 369,099          | 373,706          | 378,343          | 383,038          | 387,817          | 392,676          | 397,606          | 402,590          |
| 335,224          | 340,007          | 344,798          | 349,582          | 354,362          | 359,136          | 363,901          | 368,650          | 373,430          | 378,271          | 383,196          | 388,199          | 393,273          | 398,403          |
| <b>1,605,808</b> | <b>1,639,439</b> | <b>1,673,098</b> | <b>1,706,684</b> | <b>1,740,209</b> | <b>1,773,688</b> | <b>1,807,078</b> | <b>1,840,337</b> | <b>1,873,818</b> | <b>1,907,716</b> | <b>1,942,217</b> | <b>1,977,274</b> | <b>2,012,838</b> | <b>2,048,794</b> |
| 791,276          | 807,627          | 823,980          | 840,284          | 856,549          | 872,784          | 888,966          | 905,074          | 921,286          | 937,698          | 954,404          | 971,379          | 988,599          | 1,006,009        |
| 814,532          | 831,812          | 849,118          | 866,400          | 883,660          | 900,904          | 918,112          | 935,263          | 952,532          | 970,018          | 987,813          | 1,005,895        | 1,024,239        | 1,042,785        |
| <b>1,618,904</b> | <b>1,654,088</b> | <b>1,689,302</b> | <b>1,724,440</b> | <b>1,759,514</b> | <b>1,794,539</b> | <b>1,829,471</b> | <b>1,864,266</b> | <b>1,899,293</b> | <b>1,934,758</b> | <b>1,970,852</b> | <b>2,007,529</b> | <b>2,044,735</b> | <b>2,082,352</b> |
| 809,883          | 827,259          | 844,635          | 861,962          | 879,246          | 896,497          | 913,693          | 930,811          | 948,039          | 965,479          | 983,230          | 1,001,268        | 1,019,566        | 1,038,065        |
| 809,021          | 826,829          | 844,667          | 862,478          | 880,268          | 898,042          | 915,778          | 933,455          | 951,254          | 969,279          | 987,622          | 1,006,261        | 1,025,169        | 1,044,287        |
| <b>900,483</b>   | <b>913,459</b>   | <b>926,445</b>   | <b>939,404</b>   | <b>952,339</b>   | <b>965,256</b>   | <b>978,138</b>   | <b>990,971</b>   | <b>1,003,888</b> | <b>1,016,967</b> | <b>1,030,279</b> | <b>1,043,805</b> | <b>1,057,526</b> | <b>1,071,399</b> |
| 453,941          | 460,356          | 466,772          | 473,167          | 479,548          | 485,916          | 492,264          | 498,583          | 504,943          | 511,383          | 517,939          | 524,603          | 531,364          | 538,201          |
| 446,542          | 453,103          | 459,673          | 466,237          | 472,791          | 479,340          | 485,874          | 492,388          | 498,945          | 505,584          | 512,340          | 519,202          | 526,162          | 533,198          |
| <b>3,374,504</b> | <b>3,464,564</b> | <b>3,554,704</b> | <b>3,644,645</b> | <b>3,734,425</b> | <b>3,824,080</b> | <b>3,913,497</b> | <b>4,002,564</b> | <b>4,092,223</b> | <b>4,183,001</b> | <b>4,275,392</b> | <b>4,369,275</b> | <b>4,464,514</b> | <b>4,560,802</b> |
| 1,664,070        | 1,708,015        | 1,751,966        | 1,795,790        | 1,839,509        | 1,883,144        | 1,926,639        | 1,969,937        | 2,013,509        | 2,057,617        | 2,102,508        | 2,148,119        | 2,194,385        | 2,241,154        |
| 1,710,434        | 1,756,549        | 1,802,738        | 1,848,855        | 1,894,916        | 1,940,936        | 1,986,858        | 2,032,627        | 2,078,714        | 2,125,384        | 2,172,884        | 2,221,156        | 2,270,129        | 2,319,648        |
| <b>908,440</b>   | <b>930,046</b>   | <b>951,672</b>   | <b>973,250</b>   | <b>994,789</b>   | <b>1,016,298</b> | <b>1,037,750</b> | <b>1,059,118</b> | <b>1,080,628</b> | <b>1,102,407</b> | <b>1,124,572</b> | <b>1,147,096</b> | <b>1,169,945</b> | <b>1,193,045</b> |
| 454,842          | 465,533          | 476,225          | 486,886          | 497,522          | 508,136          | 518,717          | 529,251          | 539,850          | 550,581          | 561,503          | 572,600          | 583,858          | 595,237          |
| 453,598          | 464,513          | 475,447          | 486,364          | 497,267          | 508,162          | 519,033          | 529,867          | 540,778          | 551,826          | 563,069          | 574,496          | 586,087          | 597,808          |
| <b>928,235</b>   | <b>951,038</b>   | <b>973,861</b>   | <b>996,633</b>   | <b>1,019,365</b> | <b>1,042,065</b> | <b>1,064,705</b> | <b>1,087,256</b> | <b>1,109,957</b> | <b>1,132,941</b> | <b>1,156,334</b> | <b>1,180,104</b> | <b>1,204,218</b> | <b>1,228,598</b> |
| 452,962          | 463,962          | 474,964          | 485,934          | 496,877          | 507,800          | 518,688          | 529,526          | 540,433          | 551,474          | 562,712          | 574,131          | 585,714          | 597,423          |
| 475,273          | 487,076          | 498,897          | 510,699          | 522,488          | 534,265          | 546,017          | 557,730          | 569,524          | 581,467          | 593,622          | 605,973          | 618,504          | 631,175          |
| <b>1,654,854</b> | <b>1,684,798</b> | <b>1,714,768</b> | <b>1,744,673</b> | <b>1,774,524</b> | <b>1,804,333</b> | <b>1,834,063</b> | <b>1,863,677</b> | <b>1,893,488</b> | <b>1,923,671</b> | <b>1,954,390</b> | <b>1,985,605</b> | <b>2,017,271</b> | <b>2,049,286</b> |
| 801,334          | 815,611          | 829,889          | 844,124          | 858,325          | 872,500          | 886,628          | 900,693          | 914,848          | 929,179          | 943,767          | 958,592          | 973,632          | 988,838          |
| 853,520          | 869,187          | 884,879          | 900,549          | 916,199          | 931,833          | 947,435          | 962,984          | 978,640          | 994,492          | 1,010,623        | 1,027,013        | 1,043,639        | 1,060,448        |
| <b>1,178,360</b> | <b>1,201,804</b> | <b>1,225,268</b> | <b>1,248,681</b> | <b>1,272,051</b> | <b>1,295,389</b> | <b>1,318,665</b> | <b>1,341,850</b> | <b>1,365,189</b> | <b>1,388,819</b> | <b>1,412,870</b> | <b>1,437,308</b> | <b>1,462,100</b> | <b>1,487,164</b> |
| 574,478          | 585,747          | 597,017          | 608,254          | 619,464          | 630,652          | 641,805          | 652,907          | 664,080          | 675,392          | 686,905          | 698,606          | 710,475          | 722,475          |

603,882

616,057

628,251

640,427

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701,109

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| 2047              | 2048              | 2049              | 2050              |
|-------------------|-------------------|-------------------|-------------------|
| <b>49,748,714</b> | <b>50,541,743</b> | <b>51,342,963</b> | <b>52,465,316</b> |
| 24,394,376        | 24,777,514        | 25,164,650        | 25,709,125        |
| 25,354,338        | 25,764,229        | 26,178,313        | 26,756,191        |
| <b>3,274,056</b>  | <b>3,324,927</b>  | <b>3,376,324</b>  | <b>3,448,321</b>  |
| 1,651,450         | 1,676,713         | 1,702,240         | 1,738,146         |
| 1,622,606         | 1,648,214         | 1,674,084         | 1,710,175         |
| <b>4,876,020</b>  | <b>4,960,543</b>  | <b>5,045,940</b>  | <b>5,165,564</b>  |
| 2,358,354         | 2,398,668         | 2,439,400         | 2,496,666         |
| 2,517,666         | 2,561,875         | 2,606,540         | 2,668,898         |
| <b>9,885,600</b>  | <b>10,071,312</b> | <b>10,258,941</b> | <b>10,521,774</b> |
| 4,827,203         | 4,916,723         | 5,007,170         | 5,134,293         |
| 5,058,397         | 5,154,589         | 5,251,771         | 5,387,481         |
| <b>2,203,500</b>  | <b>2,226,326</b>  | <b>2,249,386</b>  | <b>2,281,690</b>  |
| 1,044,285         | 1,054,853         | 1,065,534         | 1,080,592         |
| 1,159,215         | 1,171,473         | 1,183,852         | 1,201,098         |
| <b>3,821,966</b>  | <b>3,859,541</b>  | <b>3,897,505</b>  | <b>3,950,684</b>  |
| 1,866,661         | 1,884,566         | 1,902,666         | 1,928,191         |
| 1,955,305         | 1,974,975         | 1,994,839         | 2,022,493         |
| <b>7,463,173</b>  | <b>7,547,970</b>  | <b>7,633,642</b>  | <b>7,753,652</b>  |
| 3,655,678         | 3,696,339         | 3,737,434         | 3,795,333         |
| 3,807,495         | 3,851,631         | 3,896,208         | 3,958,319         |
| <b>1,400,282</b>  | <b>1,422,054</b>  | <b>1,444,052</b>  | <b>1,474,866</b>  |
| 714,375           | 725,311           | 736,362           | 751,904           |
| 685,907           | 696,743           | 707,690           | 722,962           |

|                  |                  |                  |                  |
|------------------|------------------|------------------|------------------|
| <b>811,218</b>   | <b>821,554</b>   | <b>831,996</b>   | <b>846,624</b>   |
| 407,630          | 412,726          | 417,876          | 425,127          |
| 403,588          | 408,828          | 414,120          | 421,497          |
| <b>2,085,145</b> | <b>2,121,889</b> | <b>2,159,014</b> | <b>2,211,017</b> |
| 1,023,609        | 1,041,400        | 1,059,377        | 1,084,649        |
| 1,061,536        | 1,080,489        | 1,099,637        | 1,126,368        |
| <b>2,120,382</b> | <b>2,158,824</b> | <b>2,197,662</b> | <b>2,252,068</b> |
| 1,056,766        | 1,075,670        | 1,094,770        | 1,121,619        |
| 1,063,616        | 1,083,154        | 1,102,892        | 1,130,449        |
| <b>1,085,424</b> | <b>1,099,601</b> | <b>1,113,925</b> | <b>1,133,989</b> |
| 545,113          | 552,103          | 559,166          | 569,109          |
| 540,311          | 547,498          | 554,759          | 564,880          |
| <b>4,658,148</b> | <b>4,756,548</b> | <b>4,855,965</b> | <b>4,995,229</b> |
| 2,288,433        | 2,336,222        | 2,384,503        | 2,452,334        |
| 2,369,715        | 2,420,326        | 2,471,462        | 2,542,895        |
| <b>1,216,399</b> | <b>1,240,007</b> | <b>1,263,858</b> | <b>1,297,269</b> |
| 606,742          | 618,371          | 630,120          | 646,632          |
| 609,657          | 621,636          | 633,738          | 650,637          |
| <b>1,253,245</b> | <b>1,278,159</b> | <b>1,303,331</b> | <b>1,338,591</b> |
| 609,259          | 621,224          | 633,313          | 650,300          |
| 643,986          | 656,935          | 670,018          | 688,291          |
| <b>2,081,652</b> | <b>2,114,369</b> | <b>2,147,424</b> | <b>2,193,728</b> |
| 1,004,211        | 1,019,754        | 1,035,457        | 1,057,545        |
| 1,077,441        | 1,094,615        | 1,111,967        | 1,136,183        |
| <b>1,512,504</b> | <b>1,538,119</b> | <b>1,563,998</b> | <b>1,600,250</b> |
| 734,607          | 746,871          | 759,262          | 776,685          |



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