## Stage 1:

|  |  |
| --- | --- |
| R Rinc | Running Sum of Population |
| 82 | 0.852521 |
| 85 | 2.500758 |
| 87 | 3.019714 |
| 99 | 3.177704 |
| 104 | 3.366937 |
| 119 | 3.828761 |
| 133 | 5.476998 |
| 136 | 14.75013 |
| 147 | 15.04178 |
| 157 | 96.95899 |
| 165 | 107.4922 |
| 166 | 108.8933 |
| 167 | 114.0199 |
| 174 | 114.1779 |
| 177 | 115.0304 |
| 178 | 127.7045 |
| 180 | 129.3528 |
| 185 | 139.359 |
| 196 | 153.806 |
| 196 | 154.2679 |
| 203 | 217.0786 |
| 203 | 219.0347 |
| 205 | 219.2239 |
| 207 | 301.1411 |
| 210 | 322.1004 |
| 212 | 331.3735 |
| 213 | 341.9068 |
| 221 | 347.0334 |
| 230 | 359.7074 |
| 230 | 361.3557 |
| 233 | 362.0464 |
| 235 | 372.0526 |
| 235 | 373.0319 |
| 238 | 374.433 |
| 238 | 376.3891 |
| 248 | 458.3063 |
| 255 | 464.1635 |
| 255 | 466.1196 |
| 256 | 476.6529 |
| 257 | 476.8109 |
| 266 | 489.485 |
| 268 | 494.6116 |
| 269 | 557.4223 |
| 269 | 578.3815 |
| 269 | 587.6547 |
| 277 | 597.6609 |
| 280 | 599.617 |
| 281 | 600.4695 |
| 283 | 602.1178 |
| 284 | 602.5796 |
| 285 | 684.4968 |
| 291 | 712.7426 |
| 298 | 723.2758 |
| 300 | 735.9499 |
| 301 | 736.1392 |
| 303 | 737.5402 |
| 306 | 737.8752 |
| 314 | 743.0018 |
| 315 | 805.8126 |
| 316 | 815.8188 |
| 321 | 897.736 |
| 324 | 918.6953 |
| 326 | 927.9684 |
| 326 | 929.9245 |
| 331 | 935.7817 |
| 336 | 936.9511 |
| 337 | 949.6252 |
| 340 | 952.8165 |
| 340 | 963.3498 |
| 343 | 965.0097 |
| 343 | 970.5467 |
| 344 | 971.8201 |
| 346 | 973.4683 |
| 352 | 973.6263 |
| 355 | 983.6325 |
| 357 | 1046.443 |
| 360 | 1128.36 |
| 361 | 1133.487 |
| 364 | 1134.888 |
| 375 | 1136.844 |
| 377 | 1149.518 |
| 381 | 1170.478 |
| 387 | 1172.881 |
| 387 | 1173.343 |
| 388 | 1183.876 |
| 390 | 1193.149 |
| 392 | 1221.395 |
| 395 | 1221.584 |
| 398 | 1231.591 |
| 402 | 1232.443 |
| 403 | 1295.254 |
| 404 | 1377.171 |
| 410 | 1383.028 |
| 414 | 1388.155 |
| 414 | 1388.941 |
| 423 | 1390.589 |
| 425 | 1403.263 |
| 425 | 1403.782 |
| 427 | 1405.738 |
| 428 | 1406.429 |
| 428 | 1407.83 |
| 439 | 1415.931 |
| 440 | 1436.89 |
| 440 | 1442.427 |
| 444 | 1452.96 |
| 447 | 1462.967 |
| 453 | 1525.777 |
| 455 | 1527.437 |
| 460 | 1541.884 |
| 461 | 1542.521 |
| 464 | 1624.438 |
| 465 | 1624.596 |
| 466 | 1630.039 |
| 470 | 1658.285 |
| 471 | 1659.454 |
| 474 | 1668.728 |
| 477 | 1673.854 |
| 487 | 1686.528 |
| 492 | 1686.764 |
| 492 | 1688.72 |
| 493 | 1688.909 |
| 497 | 1694.766 |
| 498 | 1696.168 |
| 500 | 1701.349 |
| 506 | 1703.233 |
| 508 | 1703.694 |
| 508 | 1724.654 |
| 513 | 1734.66 |
| 514 | 1735.639 |
| 514 | 1798.45 |
| 520 | 1808.983 |
| 531 | 1810.631 |
| 533 | 1812.291 |
| 539 | 1840.537 |
| 541 | 1846.074 |
| 545 | 1846.927 |
| 557 | 1848.647 |
| 562 | 1930.564 |
| 562 | 1935.69 |
| 578 | 1944.963 |
| 581 | 1946.365 |
| 585 | 1959.039 |
| 588 | 1962.23 |
| 588 | 1967.673 |
| 590 | 1969.629 |
| 591 | 1990.589 |
| 592 | 1996.446 |
| 592 | 1996.566 |
| 594 | 2059.377 |
| 601 | 2060.546 |
| 602 | 2062.95 |
| 604 | 2063.139 |
| 605 | 2091.385 |
| 605 | 2091.543 |
| 609 | 2093.203 |
| 615 | 2098.431 |
| 622 | 2108.437 |
| 624 | 2109.127 |
| 627 | 2109.419 |
| 641 | 2110.692 |
| 648 | 2121.226 |
| 650 | 2122.011 |
| 656 | 2122.648 |
| 656 | 2128.185 |
| 660 | 2128.647 |
| 674 | 2156.892 |
| 691 | 2171.34 |
| 691 | 2172.999 |
| 694 | 2174.401 |
| 702 | 2179.844 |
| 703 | 2184.97 |
| 705 | 2205.93 |
| 706 | 2211.787 |
| 712 | 2221.06 |
| 716 | 2222.708 |
| 720 | 2223.561 |
| 723 | 2286.372 |
| 729 | 2287.541 |
| 732 | 2288.06 |
| 737 | 2288.249 |
| 746 | 2290.653 |
| 751 | 2290.888 |
| 753 | 2319.134 |
| 764 | 2319.536 |
| 765 | 2324.718 |
| 783 | 2325.697 |
| 783 | 2327.357 |
| 787 | 2332.894 |
| 789 | 2334.778 |
| 791 | 2334.936 |
| 809 | 2336.656 |
| 810 | 2342.099 |
| 823 | 2342.79 |
| 835 | 2343.085 |
| 835 | 2345.041 |
| 846 | 2345.826 |
| 852 | 2351.684 |
| 853 | 2352.32 |
| 855 | 2380.566 |
| 858 | 2383.757 |
| 864 | 2385.03 |
| 864 | 2386.2 |
| 865 | 2386.662 |
| 881 | 2388.063 |
| 886 | 2390.466 |
| 895 | 2392.126 |
| 898 | 2413.085 |
| 918 | 2418.313 |
| 919 | 2418.503 |
| 922 | 2423.946 |
| 924 | 2433.219 |
| 944 | 2438.756 |
| 945 | 2453.203 |
| 956 | 2454.056 |
| 959 | 2454.347 |
| 968 | 2454.467 |
| 973 | 2454.774 |
| 986 | 2467.448 |
| 999 | 2467.684 |
| 1014 | 2468.853 |
| 1015 | 2497.099 |
| 1025 | 2497.618 |
| 1028 | 2502.799 |
| 1036 | 2505.203 |
| 1037 | 2505.894 |
| 1044 | 2506.679 |
| 1047 | 2512.123 |
| 1047 | 2513.783 |
| 1056 | 2519.64 |
| 1060 | 2601.557 |
| 1060 | 2602.536 |
| 1064 | 2602.694 |
| 1068 | 2603.331 |
| 1072 | 2605.051 |
| 1091 | 2615.057 |
| 1098 | 2615.352 |
| 1105 | 2616.625 |
| 1107 | 2619.798 |
| 1107 | 2621.682 |
| 1149 | 2627.219 |
| 1150 | 2630.41 |
| 1151 | 2635.638 |
| 1169 | 2636.1 |
| 1189 | 2636.452 |
| 1196 | 2637.622 |
| 1196 | 2643.065 |
| 1205 | 2645.469 |
| 1221 | 2645.658 |
| 1230 | 2646.06 |
| 1243 | 2647.12 |
| 1248 | 2647.356 |
| 1252 | 2647.647 |
| 1257 | 2652.774 |
| 1258 | 2663.307 |
| 1261 | 2677.754 |
| 1262 | 2678.54 |
| 1285 | 2679.231 |
| 1293 | 2680.89 |
| 1295 | 2686.072 |
| 1298 | 2694.173 |
| 1302 | 2695.025 |
| 1305 | 2695.661 |
| 1311 | 2758.472 |
| 1332 | 2758.991 |
| 1337 | 2759.111 |
| 1352 | 2760.09 |
| 1354 | 2761.81 |
| 1361 | 2762.105 |
| 1384 | 2763.379 |
| 1392 | 2768.606 |
| 1399 | 2774.05 |
| 1414 | 2779.907 |
| 1419 | 2782.311 |
| 1443 | 2783.48 |
| 1443 | 2789.017 |
| 1482 | 2790.901 |
| 1484 | 2794.092 |
| 1487 | 2795.741 |
| 1493 | 2823.986 |
| 1510 | 2824.772 |
| 1514 | 2825.008 |
| 1541 | 2826.067 |
| 1562 | 2826.225 |
| 1564 | 2835.499 |
| 1572 | 2835.79 |
| 1581 | 2840.971 |
| 1585 | 2841.608 |
| 1591 | 2842.298 |
| 1614 | 2842.743 |
| 1626 | 2844.144 |
| 1627 | 2844.438 |
| 1627 | 2846.051 |
| 1635 | 2846.454 |
| 1637 | 2847.468 |
| 1657 | 2852.696 |
| 1670 | 2854.416 |
| 1670 | 2854.935 |
| 1684 | 2858.717 |
| 1684 | 2859.024 |
| 1688 | 2860.003 |
| 1708 | 2862.407 |
| 1713 | 2876.854 |
| 1716 | 2879.16 |
| 1719 | 2879.28 |
| 1722 | 2880.282 |
| 1723 | 2880.647 |
| 1727 | 2881.109 |
| 1737 | 2882.382 |
| 1738 | 2887.826 |
| 1781 | 2908.785 |
| 1793 | 2909.845 |
| 1803 | 2917.946 |
| 1810 | 2918.731 |
| 1815 | 2918.967 |
| 1842 | 2922.14 |
| 1858 | 2923.309 |
| 1866 | 2929.002 |
| 1891 | 2932.193 |
| 1914 | 2937.375 |
| 1917 | 2937.669 |
| 1935 | 2938.522 |
| 1937 | 2939.158 |
| 1942 | 2941.042 |
| 1947 | 2941.334 |
| 1963 | 2941.736 |
| 1968 | 2946.964 |
| 1970 | 2952.501 |
| 1977 | 2956.699 |
| 1989 | 2960.57 |
| 2014 | 2961.261 |
| 2024 | 2962.321 |
| 2048 | 2964.041 |
| 2072 | 2964.559 |
| 2101 | 2965.539 |
| 2136 | 2965.659 |
| 2155 | 2967.272 |
| 2183 | 2967.508 |
| 2188 | 2967.664 |
| 2194 | 2982.111 |
| 2195 | 2984.514 |
| 2204 | 2985.528 |
| 2207 | 2986.314 |
| 2225 | 2986.388 |
| 2231 | 2994.489 |
| 2239 | 2995.762 |
| 2246 | 2996.057 |
| 2250 | 2997.117 |
| 2257 | 2997.519 |
| 2258 | 2997.826 |
| 2278 | 3001.608 |
| 2279 | 3007.271 |
| 2303 | 3007.637 |
| 2320 | 3012.818 |
| 2339 | 3013.007 |
| 2357 | 3018.235 |
| 2384 | 3018.526 |
| 2387 | 3018.879 |
| 2412 | 3022.07 |
| 2420 | 3024.376 |
| 2430 | 3025.012 |
| 2437 | 3030.779 |
| 2489 | 3031.223 |
| 2496 | 3032.283 |
| 2507 | 3033.943 |
| 2516 | 3035.827 |
| 2526 | 3037.547 |
| 2560 | 3038.561 |
| 2565 | 3041.734 |
| 2569 | 3042.736 |
| 2595 | 3044.349 |
| 2611 | 3044.469 |
| 2616 | 3044.988 |
| 2627 | 3053.089 |
| 2634 | 3054.093 |
| 2636 | 3078.543 |
| 2652 | 3080.019 |
| 2656 | 3080.313 |
| 2673 | 3080.679 |
| 2674 | 3081.658 |
| 2688 | 3081.894 |
| 2732 | 3085.676 |
| 2741 | 3086.367 |
| 2762 | 3086.566 |
| 2778 | 3087.626 |
| 2788 | 3087.933 |
| 2803 | 3088.458 |
| 2829 | 3089.356 |
| 2839 | 3090.142 |
| 2848 | 3090.544 |
| 2884 | 3096.401 |
| 2886 | 3101.583 |
| 2889 | 3102.597 |
| 2889 | 3102.932 |
| 2890 | 3104.585 |
| 2899 | 3109.813 |
| 2916 | 3112.118 |
| 2997 | 3112.41 |
| 3000 | 3112.763 |
| 3002 | 3114.376 |
| 3006 | 3122.477 |
| 3016 | 3122.633 |
| 3020 | 3122.998 |
| 3030 | 3124.272 |
| 3065 | 3124.345 |
| 3113 | 3125.381 |
| 3117 | 3126.383 |
| 3126 | 3130.165 |
| 3137 | 3144.612 |
| 3137 | 3145.056 |
| 3154 | 3146.116 |
| 3158 | 3149.307 |
| 3196 | 3149.428 |
| 3206 | 3151.148 |
| 3214 | 3151.442 |
| 3222 | 3152.456 |
| 3222 | 3156.654 |
| 3236 | 3162.097 |
| 3265 | 3162.363 |
| 3279 | 3162.999 |
| 3280 | 3163.401 |
| 3290 | 3165.285 |
| 3307 | 3168.458 |
| 3320 | 3172.33 |
| 3328 | 3174.636 |
| 3367 | 3175.001 |
| 3374 | 3183.102 |
| 3376 | 3183.627 |
| 3386 | 3184.797 |
| 3393 | 3185.103 |
| 3406 | 3186.716 |
| 3502 | 3190.499 |
| 3529 | 3191.018 |
| 3552 | 3191.253 |
| 3574 | 3192.267 |
| 3584 | 3192.424 |
| 3623 | 3192.776 |
| 3640 | 3198.439 |
| 3642 | 3198.639 |
| 3651 | 3199.618 |
| 3654 | 3200.516 |
| 3667 | 3201.518 |
| 3679 | 3201.592 |
| 3707 | 3203.897 |
| 3733 | 3204.263 |
| 3745 | 3212.364 |
| 3753 | 3213.354 |
| 3758 | 3214.414 |
| 3817 | 3219.642 |
| 3820 | 3220.167 |
| 3823 | 3221.202 |
| 3832 | 3223.892 |
| 3834 | 3225.505 |
| 3853 | 3230.686 |
| 3858 | 3231.13 |
| 3896 | 3234.912 |
| 3966 | 3235.926 |
| 3975 | 3240.124 |
| 4005 | 3240.244 |
| 4024 | 3240.757 |
| 4055 | 3241.049 |
| 4088 | 3242.052 |
| 4090 | 3245.924 |
| 4093 | 3246.231 |
| 4094 | 3249.404 |
| 4095 | 3249.898 |
| 4095 | 3252.204 |
| 4121 | 3252.36 |
| 4133 | 3260.461 |
| 4141 | 3260.827 |
| 4145 | 3260.985 |
| 4158 | 3261.28 |
| 4178 | 3266.972 |
| 4218 | 3267.498 |
| 4224 | 3267.571 |
| 4247 | 3268.573 |
| 4281 | 3268.773 |
| 4292 | 3269.671 |
| 4306 | 3270.073 |
| 4330 | 3271.686 |
| 4332 | 3272.039 |
| 4338 | 3275.821 |
| 4362 | 3276.857 |
| 4378 | 3277.122 |
| 4401 | 3278.842 |
| 4438 | 3279.856 |
| 4458 | 3281.74 |
| 4492 | 3284.931 |
| 4504 | 3290.594 |
| 4519 | 3296.131 |
| 4524 | 3298.437 |
| 4605 | 3298.962 |
| 4621 | 3307.063 |
| 4629 | 3307.429 |
| 4647 | 3307.585 |
| 4672 | 3308.029 |
| 4672 | 3312.227 |
| 4708 | 3313.5 |
| 4768 | 3317.371 |
| 4791 | 3318.847 |
| 4819 | 3318.921 |
| 4829 | 3319.121 |
| 4831 | 3320.156 |
| 4851 | 3321.054 |
| 4884 | 3322.056 |
| 4916 | 3325.839 |
| 4920 | 3326.146 |
| 4941 | 3328.549 |
| 4953 | 3330.162 |
| 4995 | 3330.515 |
| 4996 | 3333.688 |
| 4997 | 3334.213 |
| 5012 | 3348.66 |
| 5036 | 3354.427 |
| 5061 | 3356.732 |
| 5097 | 3357.746 |
| 5105 | 3358.75 |
| 5114 | 3366.564 |
| 5117 | 3366.83 |
| 5210 | 3366.986 |
| 5271 | 3368.022 |
| 5284 | 3369.675 |
| 5305 | 3375.368 |
| 5307 | 3375.733 |
| 5345 | 3375.933 |
| 5347 | 3380.13 |
| 5358 | 3380.25 |
| 5384 | 3381.148 |
| 5398 | 3386.811 |
| 5457 | 3387.336 |
| 5470 | 3388.327 |
| 5501 | 3388.788 |
| 5507 | 3388.862 |
| 5521 | 3389.306 |
| 5534 | 3393.178 |
| 5571 | 3393.964 |
| 5626 | 3394.816 |
| 5637 | 3395.818 |
| 5675 | 3396.22 |
| 5696 | 3397.696 |
| 5729 | 3398.191 |
| 5734 | 3399.227 |
| 5770 | 3423.676 |
| 5806 | 3424.736 |
| 5806 | 3425.001 |
| 5809 | 3425.158 |
| 5813 | 3425.51 |
| 5825 | 3429.293 |
| 5881 | 3429.492 |
| 5886 | 3431.798 |
| 5909 | 3433.411 |
| 5929 | 3445.672 |
| 5942 | 3446.57 |
| 6040 | 3447.095 |
| 6069 | 3447.402 |
| 6077 | 3448.406 |
| 6091 | 3449.097 |
| 6100 | 3453.294 |
| 6116 | 3456.467 |
| 6137 | 3457.226 |
| 6156 | 3457.561 |
| 6205 | 3463.253 |
| 6206 | 3469.02 |
| 6221 | 3474.683 |
| 6245 | 3475.719 |
| 6312 | 3476.355 |
| 6373 | 3476.429 |
| 6382 | 3480.3 |
| 6405 | 3481.291 |
| 6477 | 3481.49 |
| 6486 | 3481.755 |
| 6507 | 3481.912 |
| 6575 | 3482.81 |
| 6589 | 3484.463 |
| 6591 | 3486.347 |
| 6619 | 3487.823 |
| 6622 | 3488.825 |
| 6629 | 3489.32 |
| 6645 | 3489.764 |
| 6751 | 3492.453 |
| 6901 | 3493.489 |
| 6922 | 3494.492 |
| 6944 | 3495.018 |
| 6951 | 3495.37 |
| 7030 | 3496.384 |
| 7043 | 3500.582 |
| 7211 | 3506.274 |
| 7211 | 3506.54 |
| 7233 | 3506.905 |
| 7252 | 3507.418 |
| 7257 | 3507.937 |
| 7258 | 3508.137 |
| 7273 | 3513.8 |
| 7332 | 3514.79 |
| 7340 | 3518.661 |
| 7389 | 3524.428 |
| 7400 | 3525.326 |
| 7408 | 3525.821 |
| 7424 | 3525.977 |
| 7446 | 3533.792 |
| 7473 | 3533.865 |
| 7473 | 3534.16 |
| 7498 | 3535.636 |
| 7621 | 3547.897 |
| 7645 | 3551.07 |
| 7676 | 3551.405 |
| 7711 | 3553.059 |
| 7733 | 3553.294 |
| 7904 | 3554.33 |
| 7990 | 3554.637 |
| 8002 | 3556.942 |
| 8017 | 3557.208 |
| 8023 | 3557.652 |
| 8075 | 3558.656 |
| 8095 | 3558.947 |
| 8150 | 3564.128 |
| 8168 | 3564.623 |
| 8168 | 3566.236 |
| 8180 | 3590.686 |
| 8237 | 3591.676 |
| 8302 | 3595.874 |
| 8324 | 3601.566 |
| 8333 | 3602.325 |
| 8364 | 3603.327 |
| 8443 | 3608.99 |
| 8489 | 3609.189 |
| 8503 | 3611.879 |
| 8542 | 3617.646 |
| 8559 | 3618.159 |
| 8566 | 3622.03 |
| 8612 | 3634.292 |
| 8668 | 3638.074 |
| 8678 | 3638.972 |
| 8691 | 3640.448 |
| 8744 | 3648.263 |
| 8778 | 3649.242 |
| 8864 | 3649.594 |
| 8904 | 3651.248 |
| 8953 | 3651.742 |
| 8968 | 3652.008 |
| 9132 | 3652.998 |
| 9155 | 3658.226 |
| 9305 | 3658.299 |
| 9347 | 3659.303 |
| 9365 | 3659.828 |
| 9507 | 3672.089 |
| 9557 | 3677.782 |
| 9591 | 3677.938 |
| 9656 | 3678.451 |
| 9790 | 3679.21 |
| 9790 | 3684.977 |
| 9841 | 3685.312 |
| 9878 | 3690.975 |
| 9909 | 3691.469 |
| 9914 | 3691.589 |
| 9973 | 3694.279 |
| 10021 | 3695.755 |
| 10086 | 3703.569 |
| 10152 | 3704.014 |
| 10195 | 3705.004 |
| 10216 | 3709.201 |
| 10250 | 3709.467 |
| 10280 | 3712.64 |
| 10312 | 3737.089 |
| 10335 | 3738.809 |
| 10449 | 3739.845 |
| 10469 | 3741.498 |
| 10495 | 3753.759 |
| 10586 | 3757.631 |
| 10604 | 3758.033 |
| 10751 | 3758.546 |
| 11059 | 3759.305 |
| 11112 | 3759.8 |
| 11164 | 3760.803 |
| 11236 | 3766.57 |
| 11239 | 3772.263 |
| 11417 | 3774.952 |
| 11444 | 3782.767 |
| 11476 | 3785.958 |
| 11596 | 3786.948 |
| 11684 | 3799.21 |
| 11893 | 3800.686 |
| 11967 | 3801.199 |
| 12109 | 3806.862 |
| 12244 | 3807.197 |
| 12331 | 3807.955 |
| 12345 | 3809.608 |
| 12424 | 3810.507 |
| 12441 | 3834.956 |
| 12548 | 3835.156 |
| 12873 | 3835.651 |
| 13011 | 3843.465 |
| 13101 | 3846.155 |
| 13175 | 3858.416 |
| 13195 | 3864.183 |
| 13336 | 3865.456 |
| 13387 | 3865.969 |
| 13674 | 3871.662 |
| 13689 | 3872.42 |
| 13712 | 3872.686 |
| 13755 | 3873.676 |
| 13798 | 3874.68 |
| 14080 | 3875.682 |
| 14321 | 3876.017 |
| 14686 | 3883.831 |
| 14849 | 3885.484 |
| 14861 | 3909.934 |
| 15075 | 3922.195 |
| 15075 | 3923.671 |
| 15081 | 3938.119 |
| 15204 | 3938.877 |
| 15205 | 3939.39 |
| 15207 | 3942.079 |
| 15540 | 3942.153 |
| 15603 | 3942.506 |
| 15618 | 3944.39 |
| 16242 | 3944.696 |
| 16274 | 3950.463 |
| 16920 | 3950.907 |
| 16942 | 3951.242 |
| 16973 | 3959.057 |
| 17063 | 3959.815 |
| 17723 | 3963.687 |
| 17806 | 3964.182 |
| 17860 | 3988.632 |
| 17907 | 3989.145 |
| 18078 | 4001.406 |
| 18087 | 4004.095 |
| 18784 | 4005.749 |
| 19432 | 4009.946 |
| 19638 | 4010.705 |
| 19681 | 4016.368 |
| 20268 | 4024.182 |
| 20652 | 4025.172 |
| 20687 | 4025.507 |
| 21485 | 4049.957 |
| 22020 | 4053.13 |
| 22217 | 4058.823 |
| 22462 | 4061.512 |
| 22806 | 4062.988 |
| 23636 | 4063.992 |
| 26635 | 4069.759 |
| 26920 | 4082.02 |
| 27285 | 4106.47 |
| 27312 | 4107.229 |
| 27387 | 4107.742 |
| 28953 | 4109.395 |
| 29393 | 4109.73 |
| 31358 | 4117.544 |
| 34682 | 4120.234 |
| 43279 | 4144.684 |

## Stage 2:

|  |  |  |
| --- | --- | --- |
| Quintile Index(i) | Quintile Bin | Quintile's Average RRinc |
| 0 | 0% to 5% | 162.45 |
| 1 | 5% to 10% | 210.35 |
| 2 | 10% to 15% | 260.73 |
| 3 | 15% to 20% | 298.48 |
| 4 | 20% to 25% | 328.35 |
| 5 | 25% to 30% | 369.98 |
| 6 | 30% to 35% | 411.96 |
| 7 | 35% to 40% | 457.95 |
| 8 | 40% to 45% | 507.06 |
| 9 | 45% to 50% | 579.22 |
| 10 | 50% to 55% | 664.67 |
| 11 | 55% to 60% | 826.41 |
| 12 | 60% to 65% | 1,105.56 |
| 13 | 65% to 70% | 1,465.96 |
| 14 | 70% to 75% | 2,273.98 |
| 15 | 75% to 80% | 3,741.98 |
| 16 | 80% to 85% | 5,829.28 |
| 17 | 85% to 90% | 8,672.40 |
| 18 | 90% to 95% | 12,507.94 |
| 19 | 95% to 100% | 23,841.69 |

## Stage 3:

|  |  |  |
| --- | --- | --- |
| Quintile Index(i) | Quintile Bin | Quintile's Growth |
| 0 | 0% to 5% | 8% |
| 1 | 5% to 10% | 42% |
| 2 | 10% to 15% | 42% |
| 3 | 15% to 20% | 45% |
| 4 | 20% to 25% | 53% |
| 5 | 25% to 30% | 56% |
| 6 | 30% to 35% | 60% |
| 7 | 35% to 40% | 62% |
| 8 | 40% to 45% | 67% |
| 9 | 45% to 50% | 67% |
| 10 | 50% to 55% | 82% |
| 11 | 55% to 60% | 80% |
| 12 | 60% to 65% | 62% |
| 13 | 65% to 70% | 56% |
| 14 | 70% to 75% | 30% |
| 15 | 75% to 80% | 0% |
| 16 | 80% to 85% | 3% |
| 17 | 85% to 90% | 8% |
| 18 | 90% to 95% | 19% |
| 19 | 95% to 100% | 36% |

(The value for my first row is 8.4401836% without removing the null value for 2008 data.)

## Stage 4:

A close up of a map

Description automatically generated