

Population by Citizenship, Sex and District of Residence in the 1950's 1952/ 1953/ 1954/ 1955/ 1958

Guam Census: 1952

Table 1. Population by Citizenship, Sex, and District of Residence, Guam: 1952

| Municipality or District | Total | | | U.S. Citizens | | | Non-Citizens | | |
|--------------------------|--------|--------|---------|---------------|--------|---------|--------------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| Total | 31,055 | 15,591 | 15,464 | 29,323 | 14,383 | 14,940 | 1,732 | 1,208 | 524 |
| Agana | 870 | 459 | 411 | 706 | 342 | 364 | 164 | 117 | 47 |
| Agana Heights | 1,612 | 824 | 788 | 1,596 | 815 | 781 | 16 | 9 | 7 |
| Agat | 2,094 | 971 | 1,123 | 1,970 | 903 | 1,067 | 124 | 68 | 56 |
| Asan | 1,486 | 657 | 829 | 1,377 | 583 | 794 | 109 | 74 | 35 |
| Barrigada | 4,974 | 2,469 | 2,505 | 4,803 | 2,364 | 2,439 | 171 | 105 | 66 |
| Chalan Pago-Ordot | 1,219 | 594 | 625 | 1,178 | 565 | 613 | 41 | 29 | 12 |
| Dededo | 1,646 | 837 | 809 | 1,555 | 777 | 778 | 91 | 60 | 31 |
| Inarajan | 1,485 | 705 | 780 | 1,484 | 704 | 780 | 1 | 1 | 0 |
| Merizo | 1,123 | 587 | 536 | 1,037 | 546 | 491 | 86 | 41 | 45 |
| Mongmong-Toto | 1,517 | 755 | 762 | 1,464 | 712 | 752 | 53 | 43 | 10 |
| Piti | 1,175 | 565 | 610 | 1,054 | 499 | 555 | 121 | 66 | 55 |
| Santa Rita | 1,421 | 728 | 693 | 1,398 | 707 | 691 | 23 | 21 | 2 |
| Sinajana | 4,010 | 1,964 | 2,046 | 3,901 | 1,883 | 2,018 | 109 | 81 | 28 |
| Talofofo | 1,044 | 523 | 521 | 985 | 493 | 492 | 59 | 30 | 29 |
| Tamuning-Tumon | 2,364 | 1,467 | 897 | 1,883 | 1,053 | 830 | 481 | 414 | 67 |
| Umatac | 601 | 297 | 304 | 601 | 297 | 304 | 0 | 0 | 0 |
| Yigo | 888 | 449 | 439 | 865 | 437 | 428 | 23 | 12 | 11 |
| Yona | 1,526 | 740 | 786 | 1,466 | 703 | 763 | 60 | 37 | 23 |

Source: Island-Wide Census as of August 31, 1952, taken by Municipal Commissioners

Note: Data compiled and formatted by staff of the Statistical Enhancement Program.

Guam Census: 1953

Table 2. Population by Citizenship, Sex, and District of Residence, Guam: 1953

| Municipality or District | Total | | | U.S. Citizens | | | Non-Citizens | | | Number of Habitable | |
|--------------------------|--------|--------|---------|---------------|--------|---------|--------------|-------|---------|---------------------|-----------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females | Families | Dwellings |
| Total | 32,822 | 16,549 | 16,273 | 30,858 | 15,151 | 15,707 | 1,964 | 1,398 | 566 | 6,237 | 5,373 |
| Agana | 1,037 | 532 | 505 | 862 | 408 | 454 | 175 | 124 | 51 | 204 | 191 |
| Agat | 2,078 | 966 | 1,112 | 1,962 | 897 | 1,065 | 116 | 69 | 47 | 385 | 316 |
| Asan | 1,502 | 770 | 732 | 1,416 | 704 | 712 | 86 | 66 | 20 | 275 | 376 |
| Barriagda | 4,066 | 2,004 | 2,062 | 3,892 | 1,893 | 1,999 | 174 | 111 | 63 | 812 | 748 |
| Dededo | 1,601 | 806 | 795 | 1,526 | 756 | 770 | 75 | 50 | 25 | 312 | 310 |
| Inarajan | 1,484 | 718 | 766 | 1,483 | 717 | 766 | 1 | 1 | 0 | 267 | 240 |
| Merizo | 1,162 | 587 | 575 | 1,147 | 577 | 570 | 15 | 10 | 5 | 224 | 171 |
| Mongmong-Toto | 1,516 | 743 | 773 | 1,464 | 709 | 755 | 52 | 34 | 18 | 275 | 292 |
| Piti | 1,233 | 606 | 627 | 1,088 | 520 | 568 | 145 | 86 | 59 | 227 | 241 |
| Santa Rita | 1,532 | 728 | 804 | 1,503 | 706 | 797 | 29 | 22 | 7 | 307 | 234 |
| Sinajana | 4,002 | 1,985 | 2,017 | 3,843 | 1,859 | 1,984 | 159 | 126 | 33 | 770 | 608 |
| Talofofo | 1,054 | 531 | 523 | 987 | 492 | 495 | 67 | 39 | 28 | 164 | 142 |
| Tamuning-Tumon | 2,615 | 1,602 | 1,013 | 2,042 | 1,148 | 894 | 573 | 454 | 119 | 370 | 355 |
| Umatac | 609 | 293 | 316 | 608 | 292 | 316 | 1 | 1 | 0 | 112 | 96 |
| Yigo | 908 | 466 | 442 | 876 | 446 | 430 | 32 | 20 | 12 | 172 | 158 |
| Yona | 1,630 | 794 | 836 | 1,567 | 756 | 811 | 63 | 38 | 25 | 341 | 256 |
| Agana Heights | 2,400 | 1,217 | 1,183 | 2,261 | 1,118 | 1,143 | 139 | 99 | 40 | 562 | 212 |
| Chalan Pago-Ordot | 1,365 | 689 | 676 | 1,319 | 653 | 666 | 46 | 36 | 10 | 240 | 212 |
| Mangilao | 1,028 | 512 | 516 | 1,012 | 500 | 512 | 16 | 12 | 4 | 218 | 215 |

Source: Island-Wide Census as of April 30, 1953, taken by Municipal Commissioners

Note: Excludes transients residing in Military Reservations.

Data compiled and formatted by staff of the Statistical Enhancement Program.

Guam Census: 1954

Table 3. Population by Citizenship, Sex, and District of Residence, Guam: 1954

| Municipality or District | Total | | | U.S. Citizens | | | Non-Citizens | | | Number of | Habitable |
|--------------------------|--------|--------|---------|---------------|--------|---------|--------------|-------|---------|-----------|-----------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females | Families | Dwellings |
| Total | 34,889 | 17,506 | 17,383 | 32,805 | 16,071 | 16,734 | 2,084 | 1,435 | 649 | 6,754 | 5,907 |
| Agana | 1,046 | 535 | 511 | 871 | 411 | 460 | 175 | 124 | 51 | 204 | 191 |
| Agat | 2,233 | 1,040 | 1,193 | 2,132 | 980 | 1,152 | 101 | 60 | 41 | 435 | 345 |
| Asan | 1,839 | 872 | 967 | 1,765 | 815 | 950 | 74 | 57 | 17 | 548 | 326 |
| Barriagda | 4,132 | 2,035 | 2,097 | 3,958 | 1,924 | 2,034 | 174 | 111 | 63 | 813 | 749 |
| Dededo | 1,775 | 896 | 879 | 1,669 | 828 | 841 | 106 | 68 | 38 | 337 | 315 |
| Inarajan | 1,545 | 752 | 793 | 1,544 | 751 | 793 | 1 | 1 | 0 | 267 | 243 |
| Merizo | 1,203 | 610 | 593 | 1,179 | 594 | 585 | 24 | 16 | 8 | 221 | 202 |
| Mongmong-Toto | 1,592 | 763 | 829 | 1,511 | 730 | 781 | 81 | 33 | 48 | 315 | 308 |
| Piti | 1,253 | 620 | 633 | 1,101 | 529 | 572 | 152 | 91 | 61 | 223 | 240 |
| Santa Rita | 1,561 | 737 | 824 | 1,536 | 718 | 818 | 25 | 19 | 6 | 312 | 240 |
| Sinajana | 4,292 | 2,136 | 2,156 | 4,123 | 1,997 | 2,126 | 169 | 139 | 30 | 795 | 610 |
| Talofofo | 1,078 | 540 | 538 | 1,019 | 511 | 508 | 59 | 29 | 30 | 163 | 146 |
| Tamuning-Tumon | 2,867 | 1,739 | 1,128 | 2,236 | 1,261 | 975 | 631 | 478 | 153 | 423 | 427 |
| Umatac | 643 | 318 | 325 | 641 | 316 | 325 | 2 | 2 | 0 | 119 | 108 |
| Yigo | 937 | 475 | 462 | 899 | 454 | 445 | 38 | 21 | 17 | 185 | 180 |
| Yona | 1,932 | 937 | 995 | 1,870 | 904 | 966 | 62 | 33 | 29 | 392 | 324 |
| Agana Heights | 2,542 | 1,294 | 1,248 | 2,404 | 1,190 | 1,214 | 138 | 104 | 34 | 540 | 519 |
| Chalan Pago-Ordot | 1,377 | 695 | 682 | 1,328 | 658 | 670 | 49 | 37 | 12 | 244 | 213 |
| Mangilao | 1,042 | 512 | 530 | 1,019 | 500 | 519 | 23 | 12 | 11 | 218 | 221 |

Source: Island-Wide Census as of Marsh 31, 1954, taken by Municipal Commissioners

Note: Excludes transients residing in Military Reservations

Data compiled and formatted by staff of the Statistical Enhancement Program

Guam Census: 1955

Table 4. Population by Citizenship, Sex, and District of Residence, Guam: 1955

| Municipality or District | Total | | | Guamanians | | | Other Citizens | | | Non-Citizens | | |
|--------------------------|--------|--------|--------|------------|--------|--------|----------------|-------|-------|--------------|-------|-------|
| | Total | Males | Fmles | Total | Males | Fmles | Total | Males | Fmles | Total | Males | Fmles |
| Total | 35,844 | 18,047 | 17,797 | 30,803 | 14,900 | 15,903 | 2,739 | 1,478 | 1,261 | 2,302 | 1,669 | 633 |
| Agana | 1,009 | 509 | 500 | 772 | 357 | 415 | 79 | 42 | 37 | 158 | 110 | 48 |
| Agat | 2,599 | 1,236 | 1,363 | 2,265 | 1,049 | 1,216 | 227 | 117 | 110 | 107 | 70 | 37 |
| Asan | 1,516 | 752 | 764 | 1,245 | 599 | 646 | 186 | 94 | 92 | 85 | 59 | 26 |
| Barriagda | 3,923 | 1,940 | 1,983 | 3,703 | 1,798 | 1,905 | 120 | 70 | 50 | 100 | 72 | 28 |
| Dededo | 2,029 | 1,032 | 997 | 1,756 | 890 | 866 | 155 | 66 | 89 | 118 | 76 | 42 |
| Inarajan | 1,575 | 772 | 803 | 1,562 | 760 | 802 | 9 | 8 | 1 | 4 | 4 | 0 |
| Merizo | 1,243 | 637 | 606 | 1,208 | 613 | 595 | 2 | 2 | 0 | 33 | 22 | 11 |
| Mongmong-Toto | 1,531 | 746 | 785 | 1,460 | 698 | 762 | 26 | 16 | 10 | 45 | 32 | 13 |
| Piti | 1,368 | 678 | 690 | 1,134 | 540 | 594 | 58 | 31 | 27 | 176 | 107 | 69 |
| Santa Rita | 1,618 | 784 | 834 | 1,540 | 732 | 808 | 53 | 35 | 18 | 25 | 17 | 8 |
| Sinajana | 4,458 | 2,196 | 2,262 | 4,067 | 1,954 | 2,113 | 218 | 115 | 103 | 173 | 127 | 46 |
| Talofofo | 1,122 | 567 | 555 | 1,046 | 533 | 513 | 8 | 3 | 5 | 68 | 31 | 37 |
| Tamuning-Tumon | 3,441 | 2,080 | 1,361 | 1,794 | 908 | 886 | 678 | 387 | 291 | 969 | 785 | 184 |
| Umatac | 666 | 324 | 342 | 664 | 322 | 342 | 0 | 0 | 0 | 2 | 2 | 0 |
| Yigo | 962 | 482 | 480 | 906 | 453 | 453 | 23 | 10 | 13 | 33 | 19 | 14 |
| Yona | 1,929 | 921 | 1,008 | 1,593 | 746 | 847 | 267 | 136 | 131 | 69 | 39 | 30 |
| Agana Heights | 2,371 | 1,169 | 1,202 | 1,789 | 850 | 939 | 492 | 257 | 235 | 90 | 62 | 28 |
| Chalan Pago-Ordot | 1,382 | 671 | 711 | 1,321 | 619 | 702 | 37 | 36 | 1 | 24 | 16 | 8 |
| Mangilao | 1,102 | 551 | 551 | 978 | 479 | 499 | 101 | 53 | 48 | 23 | 19 | 4 |

Source: Island-Wide Census as of June 30, 1955, taken by Municipal Commissioners

Note: Excludes transients residing in Military Reservations

Data compiled and formatted by staff of the Statistical Enhancement Program

Guam Census: 1955 (Continue)

Table 4. Population by Citizenship, Sex, and District of Residence, Guam: 1955 (Continue)

| Municipality or District | Number of Families | Buildings | | Eligible Voters | Bona Fide Farmers | Employed | | Self-Employed | Able bodied Males 18-60 |
|--------------------------|--------------------|-------------|----------|-----------------|-------------------|----------|---------|---------------|-------------------------|
| | | Residential | Business | | | Males | Females | | |
| Total | 6,888 | 6,276 | 405 | 12,245 | 607 | 5,737 | 1,405 | 581 | 6,982 |
| Agana | 181 | 112 | 75 | 344 | 3 | 190 | 45 | 23 | 258 |
| Agat | 584 | 370 | 13 | 749 | 29 | 178 | 65 | 123 | 331 |
| Asan | 284 | 303 | 29 | 576 | 7 | 292 | 190 | 30 | 297 |
| Barriagda | 814 | 750 | 34 | 1,584 | 35 | 465 | 110 | 33 | 774 |
| Dededo | 362 | 354 | 18 | 600 | 40 | 195 | 113 | 21 | 490 |
| Inarajan | 248 | 243 | 4 | 528 | 40 | 139 | 18 | 3 | 263 |
| Merizo | 226 | 194 | 10 | 431 | 90 | 160 | 35 | 13 | 260 |
| Mongmong-Toto | 312 | 278 | 31 | 672 | 23 | 206 | 48 | 8 | 290 |
| Piti | 237 | 213 | 21 | 359 | 5 | 162 | 64 | 33 | 200 |
| Santa Rita | 305 | 261 | 7 | 494 | 6 | 165 | 27 | 11 | 257 |
| Sinajana | 817 | 661 | 18 | 1,463 | 8 | 750 | 275 | 53 | 757 |
| Talofofo | 168 | 155 | 6 | 421 | 40 | 130 | 23 | 17 | 188 |
| Tamuning-Tumon | 712 | 800 | 90 | 901 | 12 | 1,456 | 96 | 84 | 885 |
| Umatac | 119 | 105 | 2 | 261 | 50 | 34 | 7 | 5 | 115 |
| Yigo | 189 | 176 | 8 | 391 | 111 | 106 | 19 | 12 | 209 |
| Yona | 363 | 329 | 10 | 626 | 28 | 247 | 50 | 52 | 351 |
| Agana Heights | 487 | 514 | 8 | 887 | 10 | 440 | 136 | 33 | 554 |
| Chalan Pago-Ordot | 254 | 236 | 9 | 600 | 34 | 189 | 43 | 9 | 267 |
| Mangilao | 226 | 222 | 12 | 358 | 36 | 233 | 41 | 18 | 236 |

Source: Island-Wide Census as of June 30, 1955, taken by Municipal Commissioners

Note: Excludes transients residing in Military Reservations

Data compiled and formatted by staff of the Statistical Enhancement Program

Guam Census: 1958

Table 5. Population by Citizenship, Sex, and District of Residence, Guam: 1958

| Municipality or District | Total | | | Guamanians | | Statesiders | | Hawaiians | | Filipinos | | Others | |
|--------------------------|--------|--------|--------|------------|--------|-------------|-------|-----------|-------|-----------|-------|--------|-------|
| | Total | Males | Fmles | Males | Fmles | Males | Fmles | Males | Fmles | Males | Fmles | Males | Fmles |
| Total | 38,578 | 19,565 | 19,013 | 16,024 | 16,831 | 1,463 | 1,096 | 317 | 247 | 1,055 | 280 | 706 | 559 |
| Agana | 1,046 | 494 | 552 | 417 | 487 | 58 | 50 | 19 | 15 | 224 | 20 | 30 | 23 |
| Agana Heights | 2,463 | 1,197 | 1,266 | 927 | 1,027 | 246 | 219 | 24 | 20 | 30 | 4 | 31 | 20 |
| Agat | 2,827 | 1,394 | 1,433 | 1,297 | 1,352 | 92 | 73 | 5 | 8 | 32 | 10 | 19 | 16 |
| Asan | 1,433 | 677 | 756 | 662 | 735 | 5 | 6 | 10 | 15 | 16 | 7 | 20 | 21 |
| Barriagda | 3,435 | 1,693 | 1,742 | 1,629 | 1,684 | 59 | 56 | 5 | 2 | 42 | 5 | 54 | 71 |
| Chalan Pago-Ordot | 1,529 | 741 | 788 | 702 | 772 | 37 | 16 | 2 | 0 | 17 | 0 | 17 | 12 |
| Dededo | 2,097 | 1,019 | 1,078 | 994 | 1,067 | 21 | 7 | 4 | 4 | 74 | 19 | 15 | 11 |
| Inarajan | 1,637 | 799 | 838 | 785 | 830 | 13 | 8 | 1 | 0 | 5 | 0 | 1 | 0 |
| Mangilao | 1,311 | 610 | 701 | 555 | 651 | 55 | 50 | 0 | 0 | 11 | 3 | 1 | 1 |
| Merizo | 1,266 | 659 | 607 | 649 | 606 | 10 | 1 | 0 | 0 | 6 | 1 | 7 | 8 |
| Mongmong-Toto | 1,833 | 890 | 943 | 768 | 814 | 121 | 129 | 1 | 0 | 42 | 15 | 13 | 16 |
| Piti | 1,078 | 530 | 548 | 477 | 494 | 40 | 40 | 13 | 14 | 20 | 19 | 26 | 20 |
| Santa Rita | 1,702 | 814 | 888 | 795 | 872 | 19 | 15 | 0 | 1 | 25 | 6 | 7 | 8 |
| Sinajana | 4,533 | 2,211 | 2,322 | 2,077 | 2,200 | 115 | 108 | 19 | 14 | 94 | 44 | 4 | 2 |
| Talofofo | 1,221 | 622 | 599 | 613 | 597 | 9 | 2 | 0 | 0 | 3 | 1 | 29 | 33 |
| Tamuning-Tumon | 3,028 | 1,721 | 1,307 | 1,063 | 954 | 450 | 202 | 208 | 151 | 380 | 118 | 392 | 255 |
| Umatac | 641 | 328 | 313 | 327 | 313 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Yigo | 927 | 472 | 455 | 460 | 447 | 7 | 5 | 5 | 3 | 12 | 4 | 5 | 3 |
| Yona | 1,971 | 933 | 1,038 | 827 | 929 | 105 | 109 | 1 | 0 | 21 | 4 | 35 | 39 |

Source: Island-Wide Census as of June 30, 1955, taken by Municipal Commissioners

Note: Excludes transients residing in Military Reservations

Data compiled and formatted by staff of the Statistical Enhancement Program

Guam Census: 1958 (Continue)

Table 5. Population by Citizenship, Sex, and District of Residence, Guam: 1958 (Continue)

| Municipality or District | Families | | | | Buildings | | | | Voters |
|--------------------------|-----------|--------|--------|--------------|-------------|----------|--------|----------|--------|
| | Guamanian | Others | Alines | Armed forces | Residential | Business | Others | Quonsets | |
| Total | 5,836 | 754 | 364 | 481 | 6,940 | 493 | 119 | 297 | 13,324 |
| Agana | 158 | 30 | 9 | 24 | 264 | 148 | 5 | 31 | 498 |
| Agana Heights | 391 | 90 | 16 | 92 | 586 | 17 | 5 | 21 | 894 |
| Agat | 409 | 44 | 30 | 47 | 425 | 25 | 2 | 12 | 959 |
| Asan | 250 | 27 | 19 | 26 | 365 | 34 | 6 | 11 | 598 |
| Barriagda | 709 | 16 | 35 | 15 | 705 | 32 | 2 | 30 | 1,660 |
| Chalan Pago-Ordot | 267 | 2 | 6 | 2 | 283 | 12 | 4 | 22 | 284 |
| Dededo | 416 | 9 | 10 | 20 | 385 | 15 | 3 | 7 | 800 |
| Inarajan | 247 | 13 | 4 | 12 | 262 | 4 | 4 | 3 | 548 |
| Mangilao | 233 | 26 | 1 | 9 | 296 | 12 | 10 | 9 | 575 |
| Merizo | 217 | 0 | 2 | 16 | 198 | 12 | 9 | 2 | 530 |
| Mongmong-Toto | 268 | 56 | 19 | 14 | 293 | 27 | 4 | 64 | 695 |
| Piti | 170 | 19 | 14 | 2 | 212 | 15 | 2 | 1 | 476 |
| Santa Rita | 263 | 29 | 6 | 6 | 280 | 6 | 3 | 2 | 595 |
| Sinajana | 694 | 40 | 45 | 45 | 673 | 18 | 8 | 24 | 1,458 |
| Talofofo | 173 | 5 | 7 | 2 | 167 | 4 | 2 | 16 | 420 |
| Tamuning-Tumon | 403 | 293 | 112 | 114 | 860 | 93 | 41 | 33 | 1,013 |
| Umatac | 115 | 0 | 0 | 0 | 105 | 3 | 3 | 0 | 240 |
| Yigo | 161 | 4 | 12 | 23 | 245 | 6 | 5 | 4 | 444 |
| Yona | 292 | 51 | 17 | 12 | 336 | 10 | 1 | 5 | 637 |

Source: Island-Wide Census as of June 30, 1955, taken by Municipal Commissioners

Note: Excludes transients residing in Military Reservations

Data compiled and formatted by staff of the Statistical Enhancement Program

Guam Census: 1958 (Continue)

Table 5. Population by Citizenship, Sex, and District of Residence, Guam: 1958 (Continue)

| Municipality or District | Bone fide Farmers | Employed | | Self-Employed | Able bodied Males | Families w/ charity |
|--------------------------|-------------------|----------|---------|---------------|-------------------|---------------------|
| | | Males | Females | | | |
| Total | 548 | 7,360 | 1,648 | 502 | 8,277 | 69 |
| Agana | 8 | 389 | 55 | 34 | 443 | 1 |
| Agana Heights | 10 | 462 | 143 | 40 | 530 | 6 |
| Agat | 36 | 549 | 277 | 126 | 550 | 4 |
| Asan | 5 | 317 | 192 | 12 | 352 | 0 |
| Barriagda | 30 | 543 | 110 | 30 | 634 | 2 |
| Chalan Pago-Ordot | 28 | 223 | 67 | 8 | 294 | 3 |
| Dededo | 40 | 331 | 115 | 26 | 410 | 4 |
| Inarajan | 30 | 166 | 34 | 1 | 266 | 6 |
| Mangilao | 41 | 283 | 67 | 14 | 261 | 3 |
| Merizo | 83 | 226 | 28 | 11 | 230 | 9 |
| Mongmong-Toto | 18 | 286 | 63 | 9 | 462 | 2 |
| Piti | 4 | 171 | 62 | 21 | 214 | 0 |
| Santa Rita | 6 | 194 | 33 | 11 | 226 | 1 |
| Sinajana | 8 | 762 | 276 | 53 | 796 | 7 |
| Talofofo | 14 | 158 | 6 | 15 | 186 | 0 |
| Tamuning-Tumon | 22 | 1,660 | 14 | 30 | 1,609 | 3 |
| Umatac | 29 | 40 | 11 | 0 | 112 | 8 |
| Yigo | 107 | 379 | 41 | 10 | 379 | 2 |
| Yona | 29 | 221 | 54 | 51 | 323 | 8 |

Source: Island-Wide Census as of June 30, 1955, taken by Municipal Commissioners

Note: Excludes transients residing in Military Reservations

Data compiled and formatted by staff of the Statistical Enhancement Program