DESCRIPTIVE STATISTICS - SCALE SCORES
TAKS SPRING 2003
READING
ALL STUDENTS
GRADE 03 - SPANISH

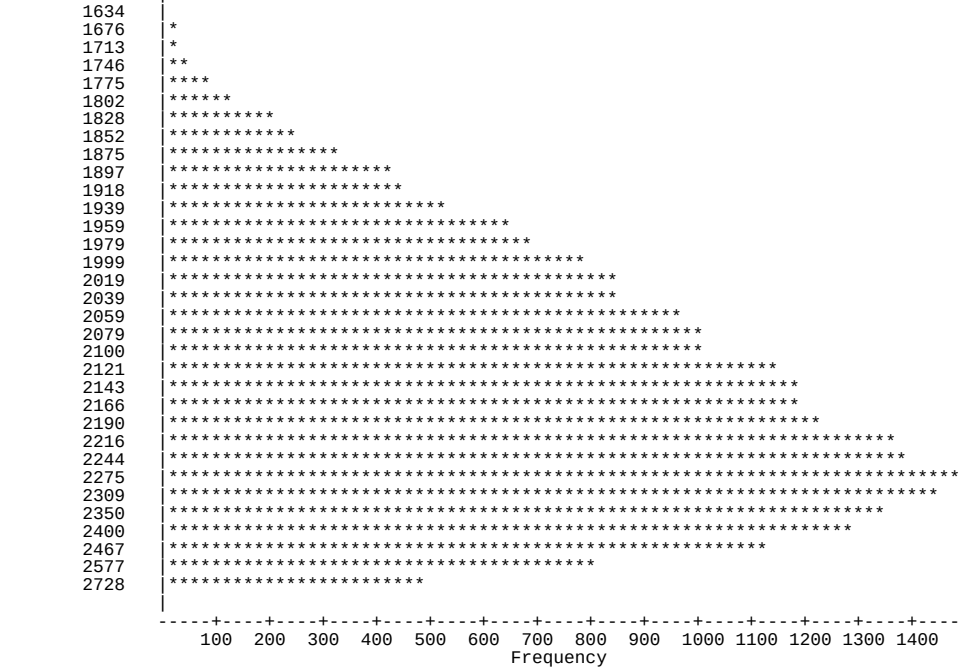
N	24536		
Mean	2182.92	Median	2166.00
Std deviation	190.80	Variance	36404.35
Skewness	0.4380	Kurtosis	0.2441
Mode	2275.00	Std Error Mean	1.2181
Range	1480.00	Interquartile Range	270.00

Quantile	Estimate
100% Max	2728
99%	2728
95%	2577
90%	2400
75% Q3	2309
50% Median	2166
25% Q1	2039
10%	1959
5%	1897
1%	1802
0% Min	1248

```
                    Histogram                          #  Boxplot
2750+*****                                            488     0
    .
    .*******                                          804     |
2450+********************                             2395     |
    .************************                         2770  +-----+
    .************************************             4209  |     |
2150+************************************************  5730  *--+--*
    .*******************************                  3624  +-----+
    .***************************                      3060     |
1850+***********                                      1290     |
    .**                                                138     |
    .*                                                  23     |
1550+*                                                   3     0
    .
    .
1250+*                                                   2     0
     ----+----+----+----+----+----+----+----+----+---
     * may represent up to 120 counts
```

```
                    Normal Probability Plot
2750+                                                  *****
    |                                                   ++++
    |                                             ******
2450+                                       *******
    |                                   *****+
    |                              +*****
2150+                         *******
    |                    ******
    |            ********
1850+**********+
    |*++++
    |*
1550+*
    |
    |
1250+*
     +----+----+----+----+----+----+----+----+----+----+
         -2        -1         0        +1        +2
```

FREQUENCY DISTRIBUTION - SCALE SCORES
TAKS SPRING 2003
READING
ALL STUDENTS
GRADE 03 - SPANISH



SCALE_SCORE	Freq	Cum. Freq	Percent	Cum. Percent
1248	2	2	0.01	0.01
1511	1	3	0.00	0.01
1581	2	5	0.01	0.02
1634	7	12	0.03	0.05
1676	16	28	0.07	0.11
1713	13	41	0.05	0.17
1746	46	87	0.19	0.35
1775	79	166	0.32	0.68
1802	114	280	0.46	1.14
1828	202	482	0.82	1.96
1852	236	718	0.96	2.93
1875	327	1045	1.33	4.26
1897	411	1456	1.68	5.93
1918	444	1900	1.81	7.74
1939	521	2421	2.12	9.87
1959	648	3069	2.64	12.51
1979	673	3742	2.74	15.25
1999	774	4516	3.15	18.41
2019	830	5346	3.38	21.79
2039	835	6181	3.40	25.19
2059	954	7135	3.89	29.08
2079	1005	8140	4.10	33.18
2100	1007	9147	4.10	37.28
2121	1141	10288	4.65	41.93
2143	1188	11476	4.84	46.77
2166	1171	12647	4.77	51.54
2190	1223	13870	4.98	56.53
2216	1350	15220	5.50	62.03
2244	1378	16598	5.62	67.65
2275	1481	18079	6.04	73.68
2309	1430	19509	5.83	79.51
2350	1340	20849	5.46	84.97
2400	1285	22134	5.24	90.21
2467	1110	23244	4.52	94.73
2577	804	24048	3.28	98.01
2728	488	24536	1.99	100.00

Frequency

DESCRIPTIVE STATISTICS - SCALE SCORES
TAKS SPRING 2003
MATHEMATICS
ALL STUDENTS
GRADE 03 - SPANISH

N	23671		
Mean	2127.41	Median	2121.00
Std deviation	168.72	Variance	28466.51
Skewness	0.3688	Kurtosis	0.5159
Mode	2215.00	Std Error Mean	1.0966
Range	1516.00	Interquartile Range	239.00

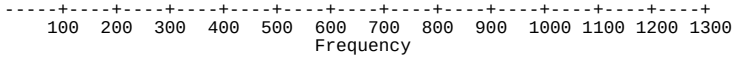
Quantile	Estimate
100% Max	2728
99%	2577
95%	2400
90%	2350
75% Q3	2243
50% Median	2121
25% Q1	2004
10%	1913
5%	1875
1%	1771
0% Min	1212

```
                    Histogram                          #  Boxplot
2750+*                                                127     0
    .
    .***                                               325     |
2450+**********                                       1292     |
    .****************                                 1968     |
    .****************************                     3636  +-----+
2150+************************************************  6212  *--+--*
    .**************************************           4926  +-----+
    .*************************                        3231     |
1850+************                                     1542     |
    .***                                               360     |
    .*                                                  49     0
1550+
    .
    .
1250+*                                                  3     *
     ----+----+----+----+----+----+----+----+----+---
     * may represent up to 130 counts
```

```
                    Normal Probability Plot
2750+                                                        *
    |
    |                                                  *****
2450+                                             ********+
    |                                          *****++
    |                                     ******
2150+                              ********
    |                        *******
    |                  *******
    |                *******
1850+    ********
    |*****+
    |*
1550+
    |
    |
1250+*
     +----+----+----+----+----+----+----+----+----+----+
         -2        -1         0        +1        +2
```

FREQUENCY DISTRIBUTION - SCALE SCORES
TAKS SPRING 2003
MATHEMATICS
ALL STUDENTS
GRADE 03 - SPANISH

SCALE_SCORE	Freq	Cum. Freq	Percent	Cum. Percent
1212	3	3	0.01	0.01
1628	6	9	0.03	0.04
1663	10	19	0.04	0.08
1694	33	52	0.14	0.22
1721	44	96	0.19	0.41
1747	70	166	0.30	0.70
1771	103	269	0.44	1.14
1794	143	412	0.60	1.74
1815	198	610	0.84	2.58
1836	253	863	1.07	3.65
1856	304	1167	1.28	4.93
1875	352	1519	1.49	6.42
1894	435	1954	1.84	8.25
1913	501	2455	2.12	10.37
1931	571	3026	2.41	12.78
1950	638	3664	2.70	15.48
1968	687	4351	2.90	18.38
1986	834	5185	3.52	21.90
2004	882	6067	3.73	25.63
2023	920	6987	3.89	29.52
2042	995	7982	4.20	33.72
2061	1012	8994	4.28	38.00
2080	1117	10111	4.72	42.71
2100	1154	11265	4.88	47.59
2121	1268	12533	5.36	52.95
2142	1228	13761	5.19	58.13
2165	1264	15025	5.34	63.47
2189	1298	16323	5.48	68.96
2215	1300	17623	5.49	74.45
2243	1183	18806	5.00	79.45
2274	1153	19959	4.87	84.32
2309	1024	20983	4.33	88.64
2350	944	21927	3.99	92.63
2400	749	22676	3.16	95.80
2467	543	23219	2.29	98.09
2577	325	23544	1.37	99.46
2728	127	23671	0.54	100.00



DESCRIPTIVE STATISTICS - SCALE SCORES
TAKS SPRING 2003
READING
ALL STUDENTS
GRADE 04 - SPANISH

N	13585		
Mean	2134.70	Median	2140.00
Std deviation	174.94	Variance	30602.88
Skewness	0.2411	Kurtosis	0.5467
Mode	2231.00	Std Error Mean	1.5009
Range	1617.00	Interquartile Range	252.00

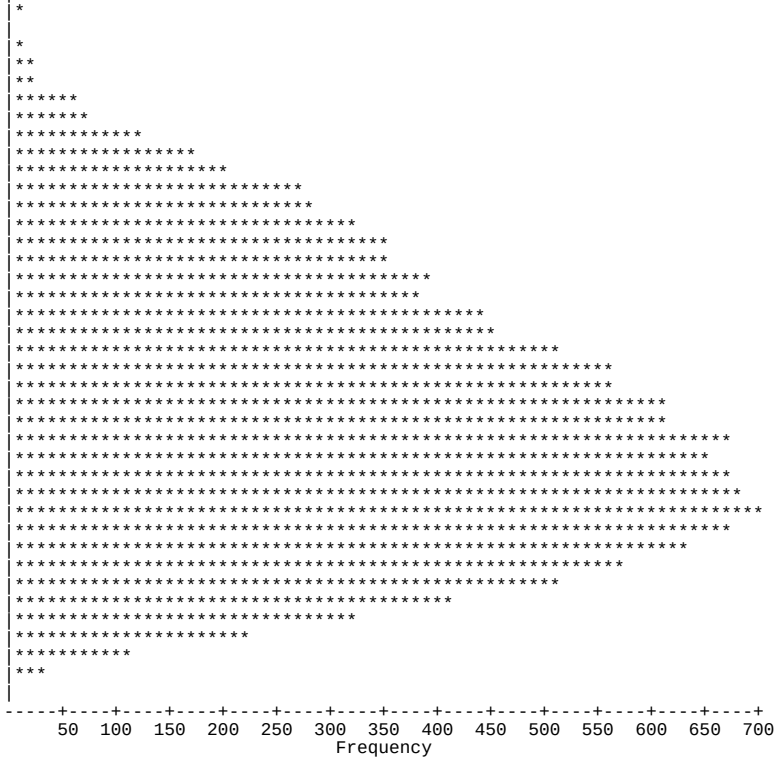
Quantile	Estimate
100% Max	2814
99%	2648
95%	2454
90%	2356
75% Q3	2258
50% Median	2140
25% Q1	2006
10%	1913
5%	1872
1%	1781
0% Min	1197

```
                    Histogram                          #  Boxplot
2850+*                                                31     0
    .
    .**                                              111     0
    .****                                            215     |
    .************                                    738     |
    .*****************                              1077     |
    .*****************************************      2675  +-----+
    .************************************************3211  *--+--*
    .***************************************        2516  +-----+
    .****************************                   1786     |
    .****************                               1031     |
    .***                                             157     |
    .*                                                31     0
    .
    .
    .
    .
1150+*                                                 6     *
     ----+----+----+----+----+----+----+----+----+---
     * may represent up to 67 counts
```

```
                    Normal Probability Plot
2850+                                                      *
    |
    |                                                   ***
    |                                               *****++
    |                                          ******+
    |                                       *****+
    |                                  *******
    |                            *******
    |                       *******
    |                  ******
    |              ******
    |   **********
    |****++
    |*
    |
    |
    |
    |
1150+*
     +----+----+----+----+----+----+----+----+----+----+
         -2        -1         0        +1        +2
```

FREQUENCY DISTRIBUTION - SCALE SCORES
TAKS SPRING 2003
READING
ALL STUDENTS
GRADE 04 - SPANISH

SCALE_SCORE	Freq	Cum. Freq	Percent	Cum. Percent
1197	6	6	0.04	0.04
1612	1	7	0.01	0.05
1656	7	14	0.05	0.10
1693	23	37	0.17	0.27
1725	21	58	0.15	0.43
1754	62	120	0.46	0.88
1781	74	194	0.54	1.43
1806	118	312	0.87	2.30
1829	166	478	1.22	3.52
1851	199	677	1.46	4.98
1872	267	944	1.97	6.95
1893	281	1225	2.07	9.02
1913	318	1543	2.34	11.36
1932	350	1893	2.58	13.93
1951	351	2244	2.58	16.52
1969	390	2634	2.87	19.39
1988	377	3011	2.78	22.16
2006	437	3448	3.22	25.38
2025	454	3902	3.34	28.72
2043	510	4412	3.75	32.48
2062	558	4970	4.11	36.58
2081	557	5527	4.10	40.68
2100	610	6137	4.49	45.17
2120	612	6749	4.50	49.68
2140	668	7417	4.92	54.60
2161	649	8066	4.78	59.37
2183	672	8738	4.95	64.32
2207	677	9415	4.98	69.30
2231	699	10114	5.15	74.45
2258	666	10780	4.90	79.35
2287	633	11413	4.66	84.01
2320	569	11982	4.19	88.20
2356	508	12490	3.74	91.94
2400	414	12904	3.05	94.99
2454	324	13228	2.38	97.37
2527	215	13443	1.58	98.95
2648	111	13554	0.82	99.77
2814	31	13585	0.23	100.00



DESCRIPTIVE STATISTICS - SCALE SCORES
TAKS SPRING 2003
MATHEMATICS
ALL STUDENTS
GRADE 04 - SPANISH

N	12833		
Mean	2086.17	Median	2075.00
Std deviation	216.93	Variance	47057.75
Skewness	0.4157	Kurtosis	0.8608
Mode	2126.00	Std Error Mean	1.9149
Range	2098.00	Interquartile Range	281.00

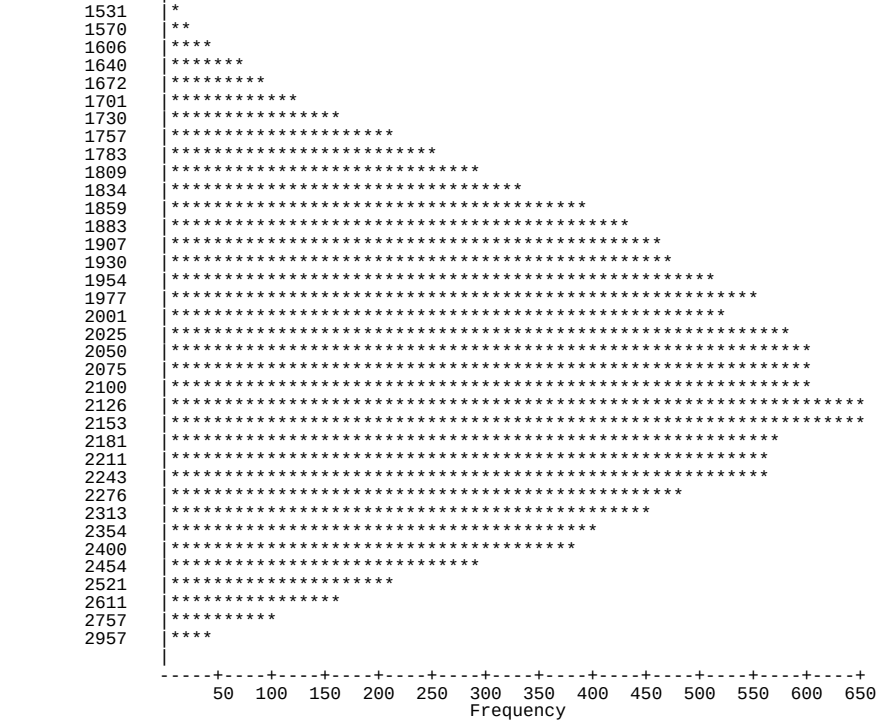
Quantile	Estimate
100% Max	2957
99%	2757
95%	2454
90%	2354
75% Q3	2211
50% Median	2075
25% Q1	1930
10%	1834
5%	1757
1%	1640
0% Min	859

```
                    Histogram                          #  Boxplot
2950+*                                                36     0
    .
    .**                                               97     0
    .****                                            162     |
    .*****                                           211     |
    .*************                                   675     |
    .*****************                               853     |
2250+*******************************                 1605  +-----+
    .************************************************2481  |     |
    .*********************************************   2300  *--+--*
    .****************************************        1993  +-----+
    .****************************                    1442     |
    .***************                                 735     |
    .****                                            196     |
1550+*                                                36     |
    .*                                                 6     0
    .*                                                 1     0
    .
    .
    .
    .
 850+*                                                 4     *
     ----+----+----+----+----+----+----+----+----+---
     * may represent up to 52 counts
```

```
                    Normal Probability Plot
2950+                                                        *
    |
    |                                                     ***
    |                                                  ****++
    |                                               ***+++
    |                                          ******+
    |                                       ****+
2250+                                   *****
    |                              ******
    |                         ******
    |                    ******
    |                ******
    |            ******
    |        ********
    |*****+++
1550+*++
    |*
    |*
    |
    |
    |
    |
 850+*
     +----+----+----+----+----+----+----+----+----+----+
         -2        -1         0        +1        +2
```

FREQUENCY DISTRIBUTION - SCALE SCORES
TAKS SPRING 2003
MATHEMATICS
ALL STUDENTS
GRADE 04 - SPANISH

SCALE_SCORE	Freq	Cum. Freq	Percent	Cum. Percent
859	4	4	0.03	0.03
1380	1	5	0.01	0.04
1487	6	11	0.05	0.09
1531	13	24	0.10	0.19
1570	23	47	0.18	0.37
1606	41	88	0.32	0.69
1640	67	155	0.52	1.21
1672	88	243	0.69	1.89
1701	122	365	0.95	2.84
1730	158	523	1.23	4.08
1757	209	732	1.63	5.70
1783	246	978	1.92	7.62
1809	289	1267	2.25	9.87
1834	333	1600	2.59	12.47
1859	387	1987	3.02	15.48
1883	433	2420	3.37	18.86
1907	456	2876	3.55	22.41
1930	474	3350	3.69	26.10
1954	513	3863	4.00	30.10
1977	550	4413	4.29	34.39
2001	524	4937	4.08	38.47
2025	576	5513	4.49	42.96
2050	603	6116	4.70	47.66
2075	597	6713	4.65	52.31
2100	603	7316	4.70	57.01
2126	654	7970	5.10	62.11
2153	651	8621	5.07	67.18
2181	573	9194	4.47	71.64
2211	560	9754	4.36	76.01
2243	561	10315	4.37	80.38
2276	484	10799	3.77	84.15
2313	451	11250	3.51	87.66
2354	402	11652	3.13	90.80
2400	381	12033	2.97	93.77
2454	294	12327	2.29	96.06
2521	211	12538	1.64	97.70
2611	162	12700	1.26	98.96
2757	97	12797	0.76	99.72
2957	36	12833	0.28	100.00



DESCRIPTIVE STATISTICS - SCALE SCORES
TAKS SPRING 2003
WRITING
ALL STUDENTS
GRADE 04 - SPANISH

N	14226		
Mean	2254.30	Median	2255.00
Std deviation	178.78	Variance	31961.17
Skewness	0.1165	Kurtosis	1.0219
Mode	2399.00	Std Error Mean	1.4989
Range	1706.00	Interquartile Range	243.00

Quantile	Estimate
100% Max	2939
99%	2743
95%	2576
90%	2400
75% Q3	2399
50% Median	2255
25% Q1	2156
10%	1999
5%	1999
1%	1877
0% Min	1233

```
                    Histogram                          #  Boxplot
2950+*                                                48     0
    .
    .****                                            268     |
    .                                                        |
    .******                                          473     |
    .**************                                 1157     |
    .*****************************************      3314  +-----+
    .************************************************3961  *--+--*
    .******************************                  2383  +-----+
    .*********                                       735     |
    .*********************                           1701     |
    .**                                              114     |
    .*                                                47     0
    .*                                                 8     0
    .*                                                12     0
    .
    .*                                                 3     *
1250+*                                                 2     *
     ----+----+----+----+----+----+----+----+----+---
     * may represent up to 83 counts
```

```
                    Normal Probability Plot
2950+                                                        *
    |
    |                                                 ******
    |                                                 +++++
    |                                            ++*****
    |                                       ++******
    |                                 *********
    |                           ********
    |                       ******
    |                   +++***
    |            ************
    |****++
    |*
    |*
    |*
    |
    |*
1250+*
     +----+----+----+----+----+----+----+----+----+----+
         -2        -1         0        +1        +2
```

FREQUENCY DISTRIBUTION - SCALE SCORES
TAKS SPRING 2003
WRITING
ALL STUDENTS
GRADE 04 - SPANISH

SCALE_SCORE	Freq	Cum. Freq	Percent	Cum. Percent
1233	2	2	0.01	0.01
1390	3	5	0.02	0.04
1510	9	14	0.06	0.10
1585	3	17	0.02	0.12
1641	3	20	0.02	0.14
1687	5	25	0.04	0.18
1726	5	30	0.04	0.21
1761	21	51	0.15	0.36
1793	21	72	0.15	0.51
1822	19	91	0.13	0.64
1850	37	128	0.26	0.90
1877	58	186	0.41	1.31
1902	80	266	0.56	1.87
1927	100	366	0.70	2.57
1951	107	473	0.75	3.32
1976	134	607	0.94	4.27
1999	1280	1887	9.00	13.26
2000	107	1994	0.75	14.02
2024	159	2153	1.12	15.13
2049	208	2361	1.46	16.60
2074	261	2622	1.83	18.43
2100	391	3013	2.75	21.18
2127	490	3503	3.44	24.62
2156	651	4154	4.58	29.20
2186	851	5005	5.98	35.18
2219	1102	6107	7.75	42.93
2255	1352	7459	9.50	52.43
2296	1507	8966	10.59	63.03
2343	1619	10585	11.38	74.41
2399	1695	12280	11.91	86.32
2400	564	12844	3.96	90.29
2473	593	13437	4.17	94.45
2576	473	13910	3.32	97.78
2743	268	14178	1.88	99.66
2939	48	14226	0.34	100.00

DESCRIPTIVE STATISTICS - SCALE SCORES
TAKS SPRING 2003
READING
ALL STUDENTS
GRADE 05 - SPANISH

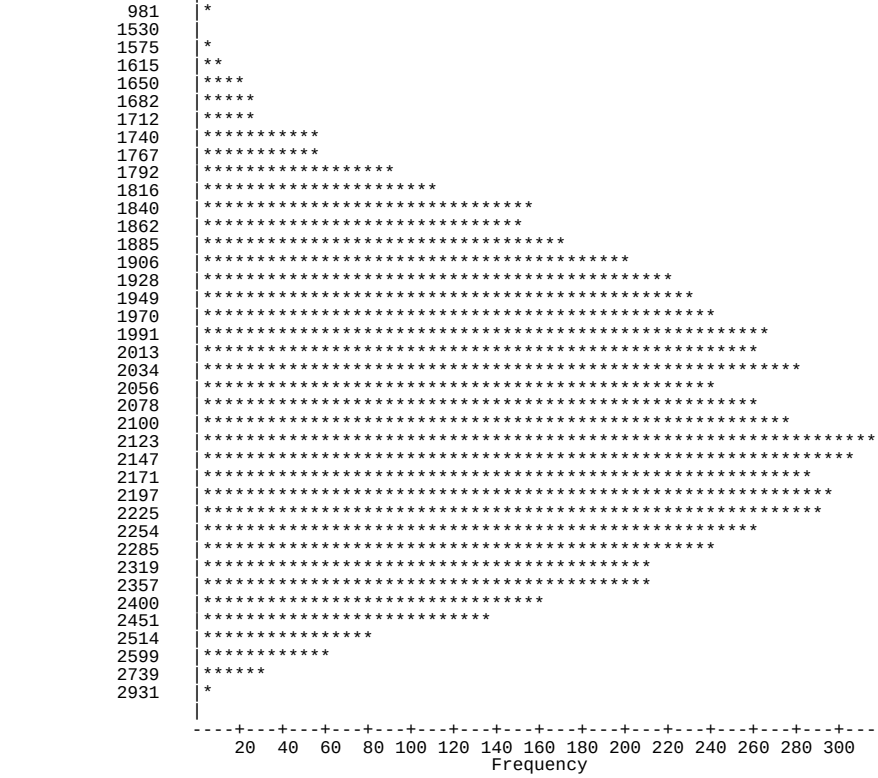
N	6227		
Mean	2098.81	Median	2100.00
Std deviation	193.41	Variance	37407.56
Skewness	0.2563	Kurtosis	0.9405
Mode	2123.00	Std Error Mean	2.4510
Range	1950.00	Interquartile Range	255.00

Quantile	Estimate
100% Max	2931
99%	2599
95%	2400
90%	2357
75% Q3	2225
50% Median	2100
25% Q1	1970
10%	1862
5%	1816
1%	1682
0% Min	981

```
                    Histogram                          #  Boxplot                    Normal Probability Plot
2950+*                                                 7     0        2950+                                                *
    .                                                                     |
2750+*                                                29     0        2750+                                                *
    .                                                                     |
2550+*****                                           139     |        2550+                                       *******
    .**********                                      296     |           |                                   ******+
2350+**************                                  420     |        2350+                                ****+
    .**************************                       789  +-----+        |                             ******
2150+************************************************1471  *-----*     2150+                       *******
    .***********************************             1041  |  +  |        |                   +*****
1950+*************************************          1160  +-----+     1950+             ********
    .*******************                             585     |           |        *******
1750+********                                        226     |        1750+  *******+
    .**                                               56     |           |***++
1550+*                                                 4     0        1550+*
    .                                                                     |
1350+                                                                1350+
    .                                                                     |
1150+                                                                1150+
    .                                                                     |
 950+*                                                 4     *         950+*
     ----+----+----+----+----+----+----+----+----+---                      +----+----+----+----+----+----+----+----+----+----+
     * may represent up to 31 counts                                          -2        -1         0        +1        +2
```

FREQUENCY DISTRIBUTION - SCALE SCORES
TAKS SPRING 2003
READING
ALL STUDENTS
GRADE 05 - SPANISH

SCALE_SCORE	Freq	Cum. Freq	Percent	Cum. Percent
981	4	4	0.06	0.06
1530	1	5	0.02	0.08
1575	3	8	0.05	0.13
1615	10	18	0.16	0.29
1650	20	38	0.32	0.61
1682	26	64	0.42	1.03
1712	27	91	0.43	1.46
1740	54	145	0.87	2.33
1767	54	199	0.87	3.20
1792	91	290	1.46	4.66
1816	109	399	1.75	6.41
1840	155	554	2.49	8.90
1862	149	703	2.39	11.29
1885	172	875	2.76	14.05
1906	202	1077	3.24	17.30
1928	218	1295	3.50	20.80
1949	232	1527	3.73	24.52
1970	242	1769	3.89	28.41
1991	266	2035	4.27	32.68
2013	260	2295	4.18	36.86
2034	280	2575	4.50	41.35
2056	241	2816	3.87	45.22
2078	260	3076	4.18	49.40
2100	275	3351	4.42	53.81
2123	315	3666	5.06	58.87
2147	305	3971	4.90	63.77
2171	283	4254	4.54	68.32
2197	293	4547	4.71	73.02
2225	291	4838	4.67	77.69
2254	258	5096	4.14	81.84
2285	240	5336	3.85	85.69
2319	212	5548	3.40	89.10
2357	208	5756	3.34	92.44
2400	161	5917	2.59	95.02
2451	135	6052	2.17	97.19
2514	79	6131	1.27	98.46
2599	60	6191	0.96	99.42
2739	29	6220	0.47	99.89
2931	7	6227	0.11	100.00



DESCRIPTIVE STATISTICS - SCALE SCORES
TAKS SPRING 2003
MATHEMATICS
ALL STUDENTS
GRADE 05 - SPANISH

N	5815		
Mean	2032.21	Median	2026.00
Std deviation	201.74	Variance	40697.80
Skewness	0.2890	Kurtosis	0.6741
Mode	1979.00	Std Error Mean	2.6455
Range	2046.00	Interquartile Range	264.00

Quantile	Estimate
100% Max	2945
99%	2519
95%	2400
90%	2277
75% Q3	2153
50% Median	2026
25% Q1	1889
10%	1775
5%	1727
1%	1621
0% Min	899

```
                    Histogram                          #  Boxplot
2950+*                                                 4     0
    .
    .*                                                12     0
    .**                                               42     0
    .***                                              62     |
    .********                                        171     |
    .************                                     271     |
2250+*************************                        581     |
    .*******************************************     1022  +-----+
    .**************************************************1134  *--+--*
    .*******************************************     1011  |     |
    .********************************                 750  +-----+
    .************************                         558     |
    .*******                                          146     |
1550+**                                                40     |
    .*                                                  7     0
    .*                                                  2     0
    .
    .
    .
    .
 850+*                                                  2     *
     ----+----+----+----+----+----+----+----+----+---
     * may represent up to 24 counts
```

```
                    Normal Probability Plot
2950+                                                   *
    |
    |                                                   *
    |                                                 ***
    |                                               ****++
    |                                           *****+++
    |                                        ****++
2250+                                    *****
    |                              *******
    |                          ******
    |                       *****
    |                    ******
    |                ********
    | *******+
1550+**++
    |*
    |*
    |
    |
    |
    |
 850+*
     +----+----+----+----+----+----+----+----+----+
         -2        -1         0        +1        +2
```

FREQUENCY DISTRIBUTION - SCALE SCORES
TAKS SPRING 2003
MATHEMATICS
ALL STUDENTS
GRADE 05 - SPANISH

SCALE_SCORE	Freq	Cum. Freq	Percent	Cum. Percent
899	2	2	0.03	0.03
1387	2	4	0.03	0.07
1439	3	7	0.05	0.12
1484	4	11	0.07	0.19
1523	8	19	0.14	0.33
1558	9	28	0.15	0.48
1590	23	51	0.40	0.88
1621	35	86	0.60	1.48
1649	36	122	0.62	2.10
1676	75	197	1.29	3.39
1702	75	272	1.29	4.68
1727	96	368	1.65	6.33
1752	113	481	1.94	8.27
1775	137	618	2.36	10.63
1799	137	755	2.36	12.98
1822	163	918	2.80	15.79
1844	205	1123	3.53	19.31
1867	179	1302	3.08	22.39
1889	203	1505	3.49	25.88
1911	245	1750	4.21	30.09
1934	225	1975	3.87	33.96
1957	247	2222	4.25	38.21
1979	294	2516	5.06	43.27
2003	274	2790	4.71	47.98
2026	275	3065	4.73	52.71
2050	294	3359	5.06	57.76
2075	291	3650	5.00	62.77
2100	286	3936	4.92	67.69
2126	259	4195	4.45	72.14
2153	255	4450	4.39	76.53
2182	222	4672	3.82	80.34
2211	219	4891	3.77	84.11
2243	196	5087	3.37	87.48
2277	166	5253	2.85	90.34
2314	161	5414	2.77	93.10
2354	110	5524	1.89	95.00
2400	91	5615	1.56	96.56
2454	80	5695	1.38	97.94
2519	62	5757	1.07	99.00
2607	42	5799	0.72	99.72
2750	12	5811	0.21	99.93
2945	4	5815	0.07	100.00

DESCRIPTIVE STATISTICS - SCALE SCORES
TAKS SPRING 2003
SCIENCE
ALL STUDENTS
GRADE 05 - SPANISH

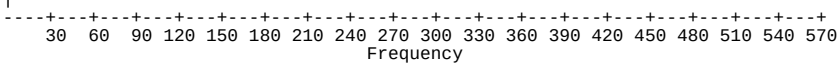
N	7115		
Mean	1877.17	Median	1869.00
Std deviation	129.08	Variance	16662.07
Skewness	0.0654	Kurtosis	1.4403
Mode	1822.00	Std Error Mean	1.5303
Range	1495.00	Interquartile Range	168.00

Quantile	Estimate
100% Max	2336
99%	2199
95%	2100
90%	2043
75% Q3	1966
50% Median	1869
25% Q1	1798
10%	1724
5%	1672
1%	1585
0% Min	841

```
                    Histogram                          #  Boxplot                    Normal Probability Plot
2350+*                                                 9     0        2350+                                                 *
    .**                                                54     0            |                                                **
    .********                                         338     |            |                                       *********+
2050+****************                                 706     |        2050+                                 *******+
    .***************************************           1707  +-----+         |                          +********
    .************************************************  2196  *--+--*         |                    *********
1750+**********************************                1491  +-----+     1750+           **********
    .************                                      533     |            |  **********
    .**                                                 70     0            |***+
1450+*                                                   5     0        1450+*
    .*                                                   3     0            |*
    .                                                                       |
1150+*                                                   1     *        1150+*
    .                                                                       |
    .                                                                       |
 850+*                                                   2     *         850+*
     ----+----+----+----+----+----+----+----+----+---                        +----+----+----+----+----+----+----+----+----+----+
     * may represent up to 46 counts                                            -2        -1         0        +1        +2
```

FREQUENCY DISTRIBUTION - SCALE SCORES
TAKS SPRING 2003
SCIENCE
ALL STUDENTS
GRADE 05 - SPANISH

SCALE_SCORE	Freq	Cum. Freq	Percent	Cum. Percent
841	2	2	0.03	0.03
1181	1	3	0.01	0.04
1393	3	6	0.04	0.08
1440	3	9	0.04	0.13
1481	2	11	0.03	0.15
1519	6	17	0.08	0.24
1553	22	39	0.31	0.55
1585	42	81	0.59	1.14
1616	73	154	1.03	2.16
1644	108	262	1.52	3.68
1672	142	404	2.00	5.68
1698	210	614	2.95	8.63
1724	293	907	4.12	12.75
1749	367	1274	5.16	17.91
1774	388	1662	5.45	23.36
1798	443	2105	6.23	29.59
1822	572	2677	8.04	37.62
1846	545	3222	7.66	45.28
1869	549	3771	7.72	53.00
1893	530	4301	7.45	60.45
1917	509	4810	7.15	67.60
1941	470	5280	6.61	74.21
1966	391	5671	5.50	79.70
1991	337	6008	4.74	84.44
2017	274	6282	3.85	88.29
2043	216	6498	3.04	91.33
2071	216	6714	3.04	94.36
2100	137	6851	1.93	96.29
2131	93	6944	1.31	97.60
2163	57	7001	0.80	98.40
2199	51	7052	0.72	99.11
2239	38	7090	0.53	99.65
2283	16	7106	0.22	99.87
2336	9	7115	0.13	100.00



DESCRIPTIVE STATISTICS - SCALE SCORES
TAKS SPRING 2003
READING
ALL STUDENTS
GRADE 06 - SPANISH

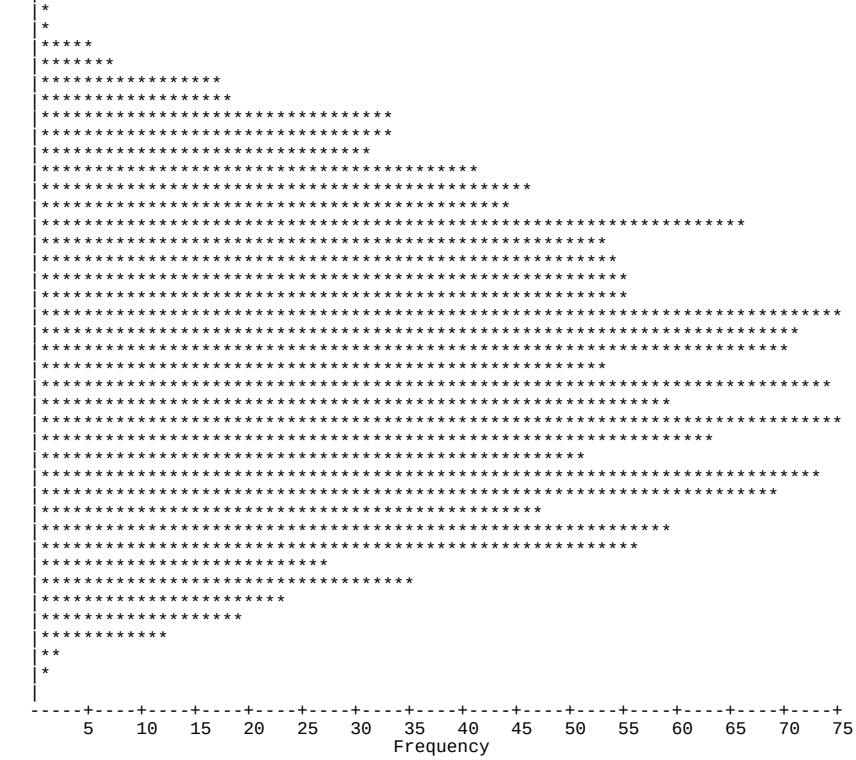
N	1577		
Mean	2145.00	Median	2142.00
Std deviation	194.36	Variance	37774.44
Skewness	0.1552	Kurtosis	0.6360
Mode	2079.00	Std Error Mean	4.8942
Range	1904.00	Interquartile Range	284.00

Quantile	Estimate
100% Max	3006
99%	2592
95%	2480
90%	2400
75% Q3	2281
50% Median	2142
25% Q1	1997
10%	1910
5%	1837
1%	1750
0% Min	1102

```
                    Histogram                          #  Boxplot
3050+*                                                 1     0
    .                                                                  |
    .*                                                 2     0
    .                                                                  |
    .**                                               12     |
    .******                                           42     |
    .*****************                               118     |
    .*************************                       175     |
    .*************************************           262  +-----+
    .**************************************************  327  *--+--*
    .***********************************              239  |     |
    .************************************             250  +-----+
    .*****************                               115     |
    .*****                                             29     |
    .*                                                 2     |
    .*                                                 1     |
    .                                                                  |
    .                                                                  |
    .*                                                 1     0
1150+*                                                 1     *
     ----+----+----+----+----+----+----+----+----+--
     * may represent up to 7 counts
```

```
                    Normal Probability Plot
3050+                                                                  *
    |                                                                  |
    |                                                                  *
    |                                                                  |
    |                                                                 **
    |                                                           ******
    |                                                      *******
    |                                                  *****+
    |                                             ******
    |                                        ******
    |                                   ******
    |                              *******
    |                        ********
    |                  ******++
    |                  *++
    |                  *
    |                                                                  |
    |                                                                  |
    |                                                                  |*
1150+*
     +----+----+----+----+----+----+----+----+----+----+
         -2        -1         0        +1        +2
```

FREQUENCY DISTRIBUTION - SCALE SCORES
TAKS SPRING 2003
READING
ALL STUDENTS
GRADE 06 - SPANISH



SCALE_SCORE	Freq	Cum. Freq	Percent	Cum. Percent
1102	1	1	0.06	0.06
1294	1	2	0.06	0.13
1584	1	3	0.06	0.19
1635	1	4	0.06	0.25
1678	1	5	0.06	0.32
1716	5	10	0.32	0.63
1750	7	17	0.44	1.08
1781	17	34	1.08	2.16
1810	18	52	1.14	3.30
1837	33	85	2.09	5.39
1862	33	118	2.09	7.48
1886	31	149	1.97	9.45
1910	41	190	2.60	12.05
1932	46	236	2.92	14.97
1954	44	280	2.79	17.76
1976	66	346	4.19	21.94
1997	53	399	3.36	25.30
2018	54	453	3.42	28.73
2038	55	508	3.49	32.21
2059	55	563	3.49	35.70
2079	75	638	4.76	40.46
2100	71	709	4.50	44.96
2121	70	779	4.44	49.40
2142	53	832	3.36	52.76
2163	74	906	4.69	57.45
2185	59	965	3.74	61.19
2208	75	1040	4.76	65.95
2231	63	1103	3.99	69.94
2255	51	1154	3.23	73.18
2281	73	1227	4.63	77.81
2307	69	1296	4.38	82.18
2336	47	1343	2.98	85.16
2366	59	1402	3.74	88.90
2400	56	1458	3.55	92.45
2437	27	1485	1.71	94.17
2480	35	1520	2.22	96.39
2530	23	1543	1.46	97.84
2592	19	1562	1.20	99.05
2677	12	1574	0.76	99.81
2815	2	1576	0.13	99.94
3006	1	1577	0.06	100.00

DESCRIPTIVE STATISTICS - SCALE SCORES
TAKS SPRING 2003
MATHEMATICS
ALL STUDENTS
GRADE 06 - SPANISH

N	1544		
Mean	1985.68	Median	1979.00
Std deviation	192.76	Variance	37156.35
Skewness	0.6038	Kurtosis	0.5500
Mode	1877.00	Std Error Mean	4.9056
Range	1310.00	Interquartile Range	266.00

Quantile	Estimate
100% Max	2798
99%	2496
95%	2327
90%	2239
75% Q3	2100
50% Median	1979
25% Q1	1834
10%	1763
5%	1711
1%	1651
0% Min	1488

```
                    Histogram                       #    Boxplot                          Normal Probability Plot
2750+*                                              3       0          2750+                                                 *
    .*                                              6       0              |                                                 *
    .*                                              6       0              |                                               ***
    .*****                                         35       |              |                                        *****++
    .*****                                         38       |              |                                     ***+++
    .***************                              114       |              |                                 ******
    .****************************                 224    +-----+           |                            ******
    .******************************               236    |     |           |                        +*****
    .************************************         275    *--+--*           |                   +******
    .*****************************************   342    +-----+           |                 *******
    .**************************                   207       |              |        *********
    .*******                                        54       |              |********+++
    .*                                              3       |              |*++++
1450+*                                              1       |          1450+*
     ----+----+----+----+----+----+----+----+---                                +----+----+----+----+----+----+----+----+----+----+
     * may represent up to 8 counts                                            -2        -1         0        +1        +2
```

FREQUENCY DISTRIBUTION - SCALE SCORES
TAKS SPRING 2003
MATHEMATICS
ALL STUDENTS
GRADE 06 - SPANISH

SCALE_SCORE	Freq	Cum. Freq	Percent	Cum. Percent
1488	1	1	0.06	0.06
1537	1	2	0.06	0.13
1579	2	4	0.13	0.26
1617	9	13	0.58	0.84
1651	24	37	1.55	2.40
1682	21	58	1.36	3.76
1711	53	111	3.43	7.19
1738	38	149	2.46	9.65
1763	54	203	3.50	13.15
1788	62	265	4.02	17.16
1811	58	323	3.76	20.92
1834	66	389	4.27	25.19
1856	64	453	4.15	29.34
1877	80	533	5.18	34.52
1898	74	607	4.79	39.31
1918	54	661	3.50	42.81
1939	47	708	3.04	45.85
1959	44	752	2.85	48.70
1979	75	827	4.86	53.56
1998	55	882	3.56	57.12
2018	68	950	4.40	61.53
2038	49	999	3.17	64.70
2059	52	1051	3.37	68.07
2079	67	1118	4.34	72.41
2100	53	1171	3.43	75.84
2121	48	1219	3.11	78.95
2143	55	1274	3.56	82.51
2166	26	1300	1.68	84.20
2189	42	1342	2.72	86.92
2214	39	1381	2.53	89.44
2239	29	1410	1.88	91.32
2266	18	1428	1.17	92.49
2295	28	1456	1.81	94.30
2327	21	1477	1.36	95.66
2361	17	1494	1.10	96.76
2400	18	1512	1.17	97.93
2444	11	1523	0.71	98.64
2496	6	1529	0.39	99.03
2562	6	1535	0.39	99.42
2651	6	1541	0.39	99.81
2798	3	1544	0.19	100.00