TELPAS
2011 Scale Distributions and Statistics by Grade

DESCRIPTIVE STATISTICS - SCALE SCORES
TELPAS SPRING 2011
READING
ONLINE TESTED STUDENTS
GRADE 02

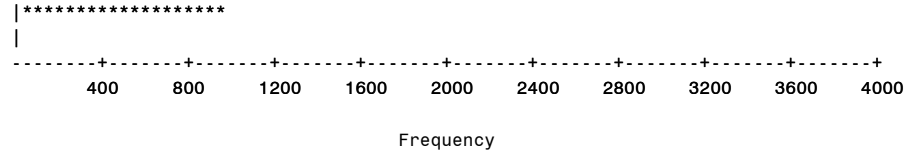
N	104879		
Mean	640.49	Median	638.00
Std deviation	70.67	Variance	4993.88
Skewness	0.0144	Kurtosis	1.2945
Mode	695.00	Std Error Mean	0.2182
Range	588.00	Interquartile Range	94.00

Quantile	Estimate
100% Max	850
99%	801
95%	766
90%	728
75% Q3	686
50% Median	638
25% Q1	592
10%	551
5%	538
1%	499
0% Min	262

```
                    Histogram                        #  Boxplot                       Normal Probability Plot
875+**                                             973     0         875+                                                **
   .****                                          1966     |            |                                          ******+
   .******                                        2858     |            |                                       ****+++
   .**************************                    14651     |            |                                   ********
   .************************************************ 27111  +-----+         |                          *********
   .***********************************************  26182  *--+--*         |                    *******
575+****************************************         22574  +-----+      575+           **********
   .**************                                  7398     |            |  **********+
   .**                                               902     |            |***+++
   .*                                                 54     0            |*
   .*                                                  3     0            |*
   .*                                                  1     0            |*
275+*                                                206     *         275+*
    ----+----+----+----+----+----+----+----+----+---                        +----+----+----+----+----+----+----+----+----+----+
    * may represent up to 565 counts                                           -2        -1         0        +1        +2
```

FREQUENCY DISTRIBUTION - SCALE SCORES
TELPAS SPRING 2011
READING
ONLINE TESTED STUDENTS
GRADE 02

SCALE_SCORE	Freq	Cum. Freq	Percent	Cum. Percent
262	206	206	0.20	0.20
313	1	207	0.00	0.20
353	2	209	0.00	0.20
379	1	210	0.00	0.20
400	3	213	0.00	0.20
417	7	220	0.01	0.21
432	15	235	0.01	0.22
446	29	264	0.03	0.25
459	62	326	0.06	0.31
470	91	417	0.09	0.40
481	146	563	0.14	0.54
490	205	768	0.20	0.73
499	398	1166	0.38	1.11
508	573	1739	0.55	1.66
516	760	2499	0.72	2.38
524	1031	3530	0.98	3.37
531	1371	4901	1.31	4.67
538	1637	6538	1.56	6.23
545	2026	8564	1.93	8.17
551	2217	10781	2.11	10.28
557	2387	13168	2.28	12.56
563	2565	15733	2.45	15.00
569	2552	18285	2.43	17.43
575	2508	20793	2.39	19.83
581	2485	23278	2.37	22.20
587	2611	25889	2.49	24.68
592	2528	28417	2.41	27.10
598	2721	31138	2.59	29.69
603	2721	33859	2.59	32.28
609	2815	36674	2.68	34.97
615	3139	39813	2.99	37.96
620	3262	43075	3.11	41.07
626	3402	46477	3.24	44.31
632	3576	50053	3.41	47.72
638	3543	53596	3.38	51.10
644	3724	57320	3.55	54.65
650	3776	61096	3.60	58.25
656	3684	64780	3.51	61.77
663	3873	68653	3.69	65.46
670	3910	72563	3.73	69.19
678	3990	76553	3.80	72.99
686	3864	80417	3.68	76.68
695	4014	84431	3.83	80.50
704	3847	88278	3.67	84.17
715	3832	92110	3.65	87.83
728	3636	95746	3.47	91.29
744	3336	99082	3.18	94.47
766	2858	101940	2.73	97.20
801	1966	103906	1.87	99.07
850	973	104879	0.93	100.00



DESCRIPTIVE STATISTICS - SCALE SCORES
TELPAS SPRING 2011
READING
ONLINE TESTED STUDENTS
GRADE 03

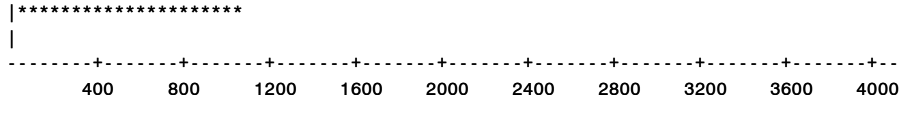
N	98746		
Mean	688.25	Median	688.00
Std deviation	71.11	Variance	5056.61
Skewness	-0.0900	Kurtosis	1.2377
Mode	755.00	Std Error Mean	0.2263
Range	578.00	Interquartile Range	96.00

Quantile	Estimate
100% Max	888
99%	888
95%	805
90%	783
75% Q3	735
50% Median	688
25% Q1	639
10%	597
5%	577
1%	543
0% Min	310

```
                    Histogram                        #  Boxplot                       Normal Probability Plot
875+**                                            1040     0         875+                                                ***
   .**********                                    5539     |            |                                       *********
   .********************                         11946     |            |                                 *******
   .****************************************     22674  +-----+         |                            ********
   .************************************************ 28146  *--+--*         |                     ********
   .**********************************           19498  +-----+         |             *********
   .**************                                8149     |            |    *********
   .***                                           1500     |            |*****+
   .*                                               53     0            |*
   .*                                                1     0            |*
   .                                                                     |
325+*                                               200     *         325+*
    ----+----+----+----+----+----+----+----+----+---                        +----+----+----+----+----+----+----+----+----+----+
    * may represent up to 587 counts                                           -2        -1         0        +1        +2
```

FREQUENCY DISTRIBUTION - SCALE SCORES
TELPAS SPRING 2011
READING
ONLINE TESTED STUDENTS
GRADE 03

SCALE_SCORE	Freq	Cum. Freq	Percent	Cum. Percent
310	200	200	0.20	0.20
439	1	201	0.00	0.20
454	5	206	0.01	0.21
467	1	207	0.00	0.21
478	3	210	0.00	0.21
489	20	230	0.02	0.23
498	24	254	0.02	0.26
507	44	298	0.04	0.30
515	97	395	0.10	0.40
522	134	529	0.14	0.54
530	165	694	0.17	0.70
536	245	939	0.25	0.95
543	371	1310	0.38	1.33
549	444	1754	0.45	1.78
555	551	2305	0.56	2.33
561	673	2978	0.68	3.02
567	728	3706	0.74	3.75
572	894	4600	0.91	4.66
577	909	5509	0.92	5.58
582	973	6482	0.99	6.56
587	1035	7517	1.05	7.61
592	1149	8666	1.16	8.78
597	1237	9903	1.25	10.03
602	1294	11197	1.31	11.34
607	1440	12637	1.46	12.80
611	1499	14136	1.52	14.32
616	1516	15652	1.54	15.85
620	1650	17302	1.67	17.52
625	1800	19102	1.82	19.34
629	1853	20955	1.88	21.22
634	1980	22935	2.01	23.23
639	1999	24934	2.02	25.25
643	2280	27214	2.31	27.56
648	2187	29401	2.21	29.77
652	2344	31745	2.37	32.15
657	2438	34183	2.47	34.62
662	2454	36637	2.49	37.10
667	2661	39298	2.69	39.80
672	2797	42095	2.83	42.63
677	2916	45011	2.95	45.58
682	2915	47926	2.95	48.53
688	3027	50953	3.07	51.60
693	3282	54235	3.32	54.92
699	3312	57547	3.35	58.28
705	3424	60971	3.47	61.75
712	3515	64486	3.56	65.30
719	3861	68347	3.91	69.21
727	3859	72206	3.91	73.12
735	4009	76215	4.06	77.18
744	4006	80221	4.06	81.24
755	4111	84332	4.16	85.40
768	4071	88403	4.12	89.53
783	3764	92167	3.81	93.34
805	3192	95359	3.23	96.57
840	2347	97706	2.38	98.95
888	1040	98746	1.05	100.00



Frequency

DESCRIPTIVE STATISTICS - SCALE SCORES
TELPAS SPRING 2011
READING
ONLINE TESTED STUDENTS
GRADE 04

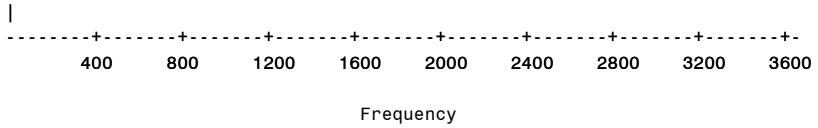
N	81620		
Mean	717.76	Median	718.00
Std deviation	68.33	Variance	4669.65
Skewness	-0.3690	Kurtosis	2.1926
Mode	766.00	Std Error Mean	0.2392
Range	598.00	Interquartile Range	94.00

Quantile	Estimate
100% Max	919
99%	871
95%	815
90%	799
75% Q3	766
50% Median	718
25% Q1	672
10%	635
5%	610
1%	559
0% Min	321

```
                    Histogram                        #  Boxplot                       Normal Probability Plot
925+**                                             555     0         925+                                                 *
   .***                                           1337     |            |                                          ******
   .**********                                    4785     |            |                                   +*******
   .*********************************************21006  +-----+         |                            ***********
   .**************************************************22966  *--+--*         |                      ********
   .***************************************         18130  +-----+         |                ********
625+*********************                           9893     |         625+       *********
   .******                                         2495     |            |********
   .*                                               258     0            |*
   .*                                                10     0            |*
   .*                                                 2     0            |*
   .*                                                 2     *            |*
325+*                                               181     *         325+*
    ----+----+----+----+----+----+----+----+----+---                        +----+----+----+----+----+----+----+----+----+----+
    * may represent up to 479 counts                                          -2        -1         0        +1        +2
```

FREQUENCY DISTRIBUTION - SCALE SCORES
TELPAS SPRING 2011
READING
ONLINE TESTED STUDENTS
GRADE 04

SCALE_SCORE	Freq	Cum. Freq	Percent	Cum. Percent
321	181	181	0.22	0.22
371	2	183	0.00	0.22
448	2	185	0.00	0.23
475	3	188	0.00	0.23
486	2	190	0.00	0.23
496	5	195	0.01	0.24
506	9	204	0.01	0.25
514	12	216	0.01	0.26
523	28	244	0.03	0.30
531	43	287	0.05	0.35
538	67	354	0.08	0.43
545	99	453	0.12	0.56
552	170	623	0.21	0.76
559	194	817	0.24	1.00
565	257	1074	0.31	1.32
571	301	1375	0.37	1.68
577	335	1710	0.41	2.10
583	383	2093	0.47	2.56
589	411	2504	0.50	3.07
594	444	2948	0.54	3.61
600	521	3469	0.64	4.25
605	594	4063	0.73	4.98
610	633	4696	0.78	5.75
615	712	5408	0.87	6.63
620	867	6275	1.06	7.69
625	867	7142	1.06	8.75
630	956	8098	1.17	9.92
635	1063	9161	1.30	11.22
640	1125	10286	1.38	12.60
644	1216	11502	1.49	14.09
649	1339	12841	1.64	15.73
654	1407	14248	1.72	17.46
658	1485	15733	1.82	19.28
663	1570	17303	1.92	21.20
668	1623	18926	1.99	23.19
672	1757	20683	2.15	25.34
677	1857	22540	2.28	27.62
682	1954	24494	2.39	30.01
687	2026	26520	2.48	32.49
692	2113	28633	2.59	35.08
697	2338	30971	2.86	37.95
702	2414	33385	2.96	40.90
707	2537	35922	3.11	44.01
712	2691	38613	3.30	47.31
718	2767	41380	3.39	50.70
724	3046	44426	3.73	54.43
730	2935	47361	3.60	58.03
736	3208	50569	3.93	61.96
743	3368	53937	4.13	66.08
750	3468	57405	4.25	70.33
758	3513	60918	4.30	74.64
766	3669	64587	4.50	79.13
775	3620	68207	4.44	83.57
786	3477	71684	4.26	87.83
799	3259	74943	3.99	91.82
815	2685	77628	3.29	95.11
836	2100	79728	2.57	97.68
871	1337	81065	1.64	99.32
919	555	81620	0.68	100.00



DESCRIPTIVE STATISTICS - SCALE SCORES
TELPAS SPRING 2011
READING
ONLINE TESTED STUDENTS
GRADE 05

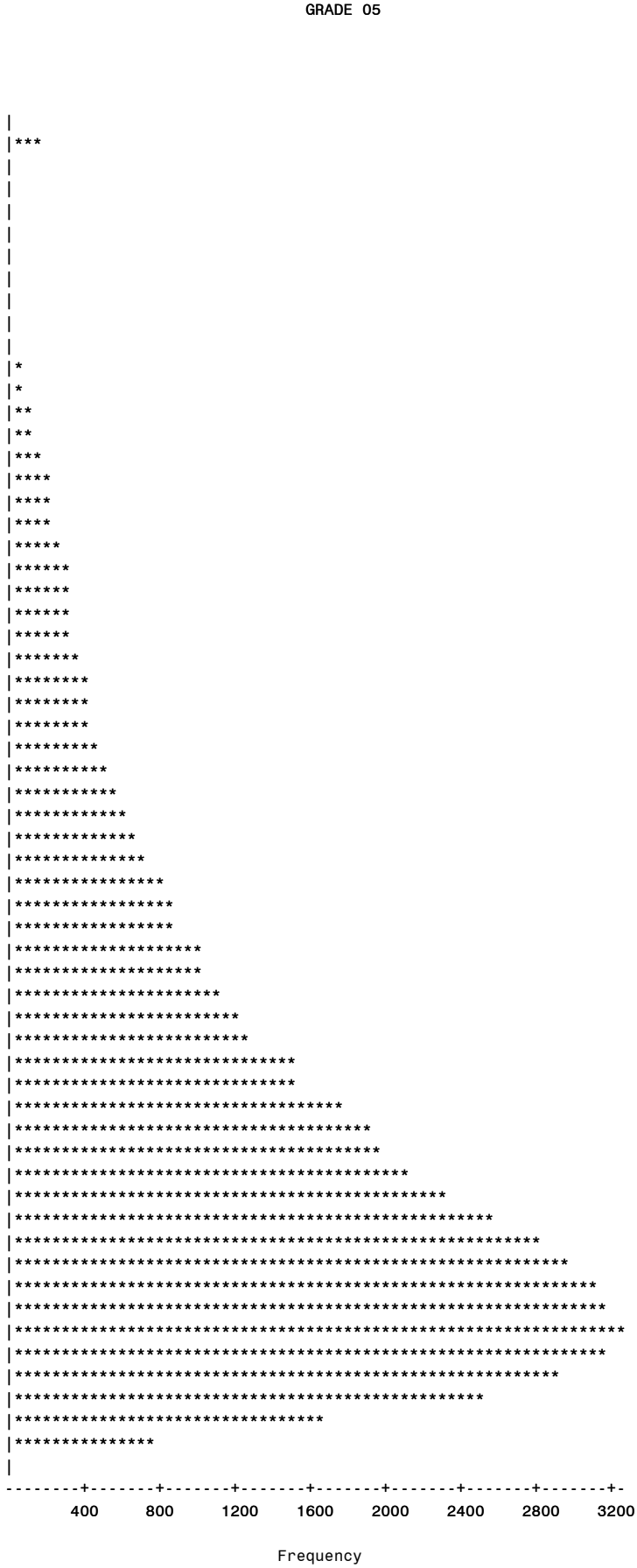
N	57531		
Mean	735.14	Median	736.00
Std deviation	71.47	Variance	5107.66
Skewness	-0.6226	Kurtosis	2.9288
Mode	786.00	Std Error Mean	0.2980
Range	598.00	Interquartile Range	83.00

Quantile	Estimate
100% Max	919
99%	919
95%	836
90%	815
75% Q3	775
50% Median	736
25% Q1	692
10%	644
5%	615
1%	565
0% Min	321

```
                    Histogram                        #  Boxplot                       Normal Probability Plot
925+**                                             740     0         925+                                                 ****
   .*****                                          1652     |            |                                          ******+
   .**************                                 5373     |            |                                     +*******
   .************************************************ 18408  +-----+         |                           ***********
   .****************************************       15573  *--+--*         |                    ********+
   .*************************                      9402  +-----+         |              *******+
625+************                                   4556     |         625+      ********
   .****                                           1488     0            |*******
   .*                                               162     0            |*
   .*                                                 6     0            |*
   .*                                                 1     *            |*
   .*                                                 1     *            |*
325+*                                               169     *         325+*
    ----+----+----+----+----+----+----+----+----+---                        +----+----+----+----+----+----+----+----+----+----+
    * may represent up to 384 counts                                           -2        -1         0        +1        +2
```

FREQUENCY DISTRIBUTION - SCALE SCORES
TELPAS SPRING 2011
READING
ONLINE TESTED STUDENTS
GRADE 05

SCALE_SCORE	Freq	Cum. Freq	Percent	Cum. Percent
321	169	169	0.29	0.29
371	1	170	0.00	0.30
408	1	171	0.00	0.30
475	1	172	0.00	0.30
486	2	174	0.00	0.30
496	3	177	0.01	0.31
506	5	182	0.01	0.32
514	7	189	0.01	0.33
523	16	205	0.03	0.36
531	23	228	0.04	0.40
538	44	272	0.08	0.47
545	67	339	0.12	0.59
552	93	432	0.16	0.75
559	113	545	0.20	0.95
565	149	694	0.26	1.21
571	194	888	0.34	1.54
577	199	1087	0.35	1.89
583	216	1303	0.38	2.26
589	239	1542	0.42	2.68
594	285	1827	0.50	3.18
600	293	2120	0.51	3.68
605	292	2412	0.51	4.19
610	315	2727	0.55	4.74
615	355	3082	0.62	5.36
620	400	3482	0.70	6.05
625	392	3874	0.68	6.73
630	419	4293	0.73	7.46
635	451	4744	0.78	8.25
640	478	5222	0.83	9.08
644	544	5766	0.95	10.02
649	617	6383	1.07	11.09
654	643	7026	1.12	12.21
658	708	7734	1.23	13.44
663	775	8509	1.35	14.79
668	859	9368	1.49	16.28
672	852	10220	1.48	17.76
677	977	11197	1.70	19.46
682	1010	12207	1.76	21.22
687	1122	13329	1.95	23.17
692	1205	14534	2.09	25.26
697	1251	15785	2.17	27.44
702	1516	17301	2.64	30.07
707	1507	18808	2.62	32.69
712	1734	20542	3.01	35.71
718	1899	22441	3.30	39.01
724	1967	24408	3.42	42.43
730	2101	26509	3.65	46.08
736	2319	28828	4.03	50.11
743	2530	31358	4.40	54.51
750	2787	34145	4.84	59.35
758	2941	37086	5.11	64.46
766	3111	40197	5.41	69.87
775	3172	43369	5.51	75.38
786	3263	46632	5.67	81.06
799	3134	49766	5.45	86.50
815	2894	52660	5.03	91.53
836	2479	55139	4.31	95.84
871	1652	56791	2.87	98.71
919	740	57531	1.29	100.00



DESCRIPTIVE STATISTICS - SCALE SCORES
TELPAS SPRING 2011
READING
ONLINE TESTED STUDENTS
GRADE 06

N	43551		
Mean	729.68	Median	737.00
Std deviation	64.57	Variance	4169.08
Skewness	-0.9483	Kurtosis	5.0608
Mode	757.00	Std Error Mean	0.3094
Range	603.00	Interquartile Range	67.00

Quantile	Estimate
100% Max	927
99%	879
95%	822
90%	806
75% Q3	765
50% Median	737
25% Q1	698
10%	651
5%	618
1%	565
0% Min	324

```
                    Histogram                        #  Boxplot
925+*                                              226     0
   .**                                             513     0
   .*************                                 3713     |
   .**********************************************  13297  +-----+
   .************************************************ 13923  *--+--*
   .***************************                    7676  +-----+
625+***********                                    2911     |
   .****                                           1057     0
   .*                                                81     0
   .*                                                 2     *
   .*                                                 3     *
   .*                                                 1     *
325+*                                               148     *
    ----+----+----+----+----+----+----+----+----+---
    * may represent up to 291 counts
```

```
                      Normal Probability Plot
925+                                                                  *
   |                                                          ++******
   |                                                   ++**********
   |                                        ************
   |                              *********+
   |                     ********+
625+     +*******
   |*******
   |*
   |*
   |*
   |*
325+*
     +----+----+----+----+----+----+----+----+----+----+
         -2        -1         0        +1        +2
```

FREQUENCY DISTRIBUTION - SCALE SCORES
TELPAS SPRING 2011
READING
ONLINE TESTED STUDENTS
GRADE 06

SCALE_SCORE		Freq	Cum. Freq	Percent	Cum. Percent
324	***	148	148	0.34	0.34
373		1	149	0.00	0.34
411		2	151	0.00	0.35
434		1	152	0.00	0.35
466		1	153	0.00	0.35
489		1	154	0.00	0.35
508		1	155	0.00	0.36
516		6	161	0.01	0.37
524		10	171	0.02	0.39
532		17	188	0.04	0.43
539		19	207	0.04	0.48
546	*	28	235	0.06	0.54
552	*	60	295	0.14	0.68
559	*	70	365	0.16	0.84
565	**	89	454	0.20	1.04
571	**	97	551	0.22	1.27
576	**	103	654	0.24	1.50
582	***	140	794	0.32	1.82
588	***	131	925	0.30	2.12
593	***	167	1092	0.38	2.51
598	****	200	1292	0.46	2.97
603	*****	232	1524	0.53	3.50
608	****	216	1740	0.50	4.00
613	*****	226	1966	0.52	4.51
618	*****	251	2217	0.58	5.09
623	*****	236	2453	0.54	5.63
628	******	307	2760	0.70	6.34
633	*******	332	3092	0.76	7.10
637	*******	357	3449	0.82	7.92
642	********	376	3825	0.86	8.78
646	********	378	4203	0.87	9.65
651	*********	427	4630	0.98	10.63
656	*********	470	5100	1.08	11.71
660	**********	485	5585	1.11	12.82
665	**********	574	6159	1.32	14.14
670	**********	618	6777	1.42	15.56
674	**********	631	7408	1.45	17.01
679	**********	722	8130	1.66	18.67
684	**********	851	8981	1.95	20.62
689	**********	852	9833	1.96	22.58
693	**********	984	10817	2.26	24.84
698	**********	1062	11879	2.44	27.28
703	**********	1195	13074	2.74	30.02
708	**********	1373	14447	3.15	33.17
714	**********	1520	15967	3.49	36.66
719	**********	1634	17601	3.75	40.41
725	**********	1797	19398	4.13	44.54
731	**********	1950	21348	4.48	49.02
737	**********	2135	23483	4.90	53.92
743	**********	2319	25802	5.32	59.25
750	**********	2332	28134	5.35	64.60
757	**********	2387	30521	5.48	70.08
765	**********	2354	32875	5.41	75.49
773	**********	2274	35149	5.22	80.71
783	**********	2090	37239	4.80	85.51
794	**********	1860	39099	4.27	89.78
806	**********	1566	40665	3.60	93.37
822	**********	1216	41881	2.79	96.17
843	**********	931	42812	2.14	98.30
879	**********	513	43325	1.18	99.48
927	*****	226	43551	0.52	100.00

--------+-------+-------+-------+-------+-------+
400 800 1200 1600 2000 2400

Frequency

DESCRIPTIVE STATISTICS - SCALE SCORES
TELPAS SPRING 2011
READING
ONLINE TESTED STUDENTS
GRADE 07

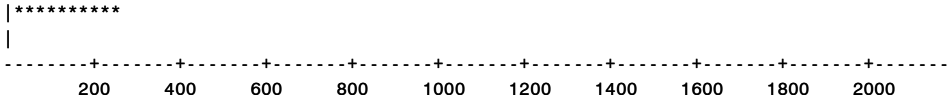
N	36528		
Mean	735.69	Median	743.00
Std deviation	67.60	Variance	4569.28
Skewness	-0.9355	Kurtosis	4.4381
Mode	765.00	Std Error Mean	0.3537
Range	603.00	Interquartile Range	75.00

Quantile	Estimate
100% Max	927
99%	879
95%	843
90%	806
75% Q3	773
50% Median	743
25% Q1	698
10%	651
5%	618
1%	571
0% Min	324

```
                    Histogram                        #  Boxplot                       Normal Probability Plot
925+*                                              248     0         925+                                                 *
   .***                                            602     |            |                                       +++******
   .****************                              4076     |            |                                  +***********
   .************************************************ 12268  +-----+         |                          ***********
   .****************************************     10077  *--+--*         |                  *********+
   .***********************                        5640  +-----+         |            *******+
625+**********                                     2502     |         625+     +*******
   .****                                            923     0            |*******
   .*                                                61     0            |*
   .*                                                 2     0            |*
   .                                                                     |
   .                                                                     |
325+*                                              129     *         325+*
    ----+----+----+----+----+----+----+----+----+---                        +----+----+----+----+----+----+----+----+----+----+
    * may represent up to 256 counts                                           -2        -1         0        +1        +2
```

FREQUENCY DISTRIBUTION - SCALE SCORES
TELPAS SPRING 2011
READING
ONLINE TESTED STUDENTS
GRADE 07

SCALE_SCORE	Freq	Cum. Freq	Percent	Cum. Percent
324	129	129	0.35	0.35
489	1	130	0.00	0.36
499	1	131	0.00	0.36
508	1	132	0.00	0.36
516	4	136	0.01	0.37
524	1	137	0.00	0.38
532	11	148	0.03	0.41
539	18	166	0.05	0.45
546	26	192	0.07	0.53
552	34	226	0.09	0.62
559	46	272	0.13	0.74
565	72	344	0.20	0.94
571	82	426	0.22	1.17
576	107	533	0.29	1.46
582	115	648	0.31	1.77
588	132	780	0.36	2.14
593	153	933	0.42	2.55
598	182	1115	0.50	3.05
603	172	1287	0.47	3.52
608	200	1487	0.55	4.07
613	210	1697	0.57	4.65
618	232	1929	0.64	5.28
623	246	2175	0.67	5.95
628	269	2444	0.74	6.69
633	267	2711	0.73	7.42
637	288	2999	0.79	8.21
642	302	3301	0.83	9.04
646	316	3617	0.87	9.90
651	320	3937	0.88	10.78
656	343	4280	0.94	11.72
660	383	4663	1.05	12.77
665	418	5081	1.14	13.91
670	464	5545	1.27	15.18
674	488	6033	1.34	16.52
679	542	6575	1.48	18.00
684	584	7159	1.60	19.60
689	671	7830	1.84	21.44
693	647	8477	1.77	23.21
698	780	9257	2.14	25.34
703	837	10094	2.29	27.63
708	906	11000	2.48	30.11
714	1044	12044	2.86	32.97
719	1161	13205	3.18	36.15
725	1320	14525	3.61	39.76
731	1479	16004	4.05	43.81
737	1609	17613	4.40	48.22
743	1721	19334	4.71	52.93
750	1991	21325	5.45	58.38
757	2025	23350	5.54	63.92
765	2171	25521	5.94	69.87
773	2101	27622	5.75	75.62
783	2064	29686	5.65	81.27
794	1916	31602	5.25	86.51
806	1736	33338	4.75	91.27
822	1363	34701	3.73	95.00
843	977	35678	2.67	97.67
879	602	36280	1.65	99.32
927	248	36528	0.68	100.00



Frequency

DESCRIPTIVE STATISTICS - SCALE SCORES
TELPAS SPRING 2011
READING
ONLINE TESTED STUDENTS
GRADE 08

N	27304		
Mean	741.15	Median	743.00
Std deviation	73.10	Variance	5343.55
Skewness	-0.6123	Kurtosis	3.1331
Mode	804.00	Std Error Mean	0.4424
Range	587.00	Interquartile Range	85.00

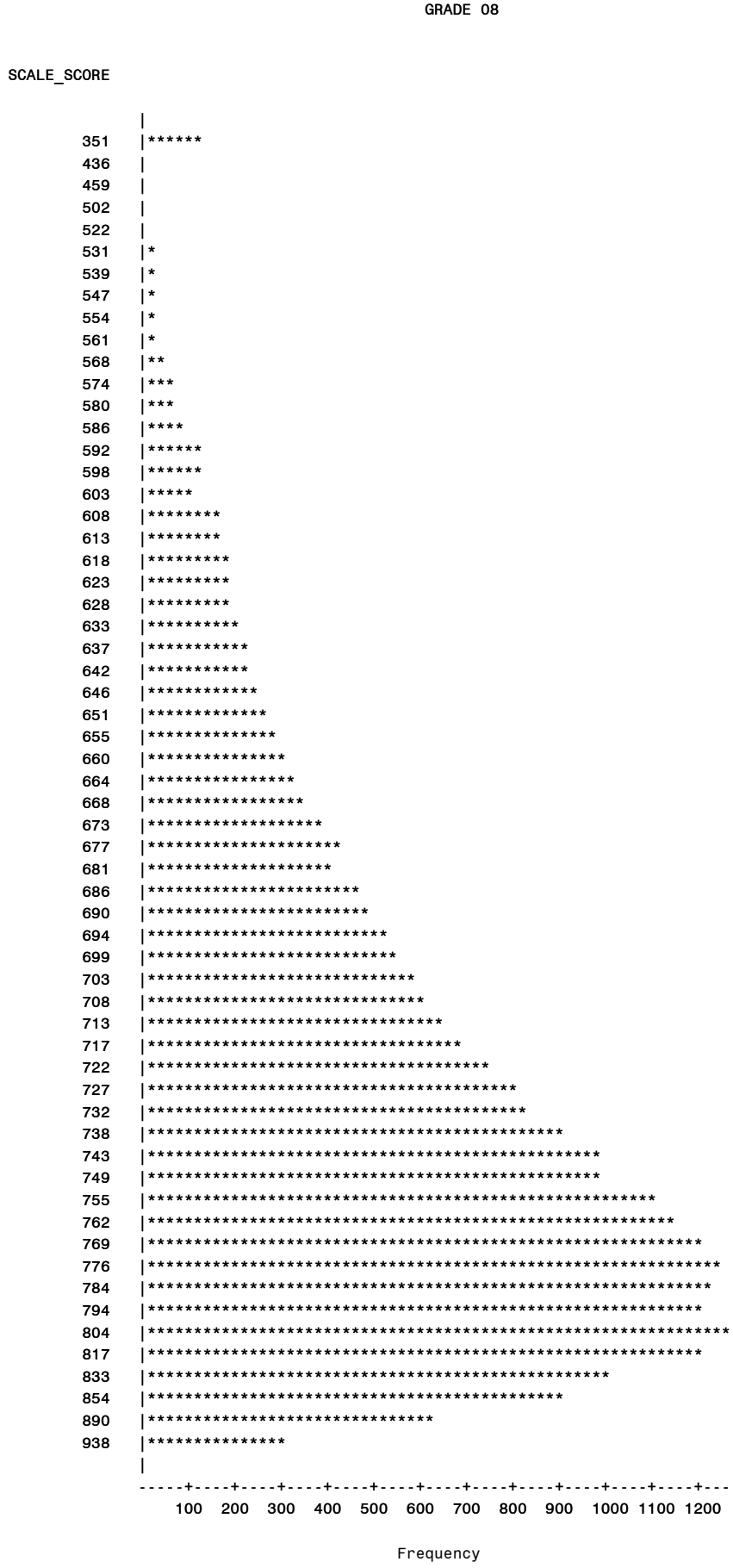
Quantile	Estimate
100% Max	938
99%	938
95%	854
90%	833
75% Q3	784
50% Median	743
25% Q1	699
10%	651
5%	623
1%	574
0% Min	351

```
                    Histogram                        #  Boxplot
925+**                                             299     0
   .**********                                     1513     |
   .**********************                         3452     |
   .*********************************************  7104  +-----+
   .************************************************** 7742  *--+--*
   .*****************************                   4651  +-----+
   .************                                    1866     |
   .****                                             511     0
   .*                                                 39     0
   .*                                                  1     0
   .*                                                  1     *
375+*                                                125     *
    ----+----+----+----+----+----+----+----+----+---
    * may represent up to 162 counts
```

```
                    Normal Probability Plot
925+                                                  +***
   |                                          *********
   |                                   *******
   |                            *********
   |                     ********
   |              ********
   |      ********
   |******
   |*
   |*
   |*
375+*
       +----+----+----+----+----+----+----+----+----+----+
           -2        -1         0        +1        +2
```

FREQUENCY DISTRIBUTION - SCALE SCORES
TELPAS SPRING 2011
READING
ONLINE TESTED STUDENTS
GRADE 08

SCALE_SCORE	Freq	Cum. Freq	Percent	Cum. Percent
351	125	125	0.46	0.46
436	1	126	0.00	0.46
459	1	127	0.00	0.47
502	2	129	0.01	0.47
522	2	131	0.01	0.48
531	12	143	0.04	0.52
539	10	153	0.04	0.56
547	13	166	0.05	0.61
554	14	180	0.05	0.66
561	28	208	0.10	0.76
568	46	254	0.17	0.93
574	50	304	0.18	1.11
580	64	368	0.23	1.35
586	75	443	0.27	1.62
592	124	567	0.45	2.08
598	110	677	0.40	2.48
603	108	785	0.40	2.88
608	163	948	0.60	3.47
613	162	1110	0.59	4.07
618	175	1285	0.64	4.71
623	178	1463	0.65	5.36
628	184	1647	0.67	6.03
633	199	1846	0.73	6.76
637	229	2075	0.84	7.60
642	226	2301	0.83	8.43
646	242	2543	0.89	9.31
651	263	2806	0.96	10.28
655	274	3080	1.00	11.28
660	295	3375	1.08	12.36
664	316	3691	1.16	13.52
668	345	4036	1.26	14.78
673	371	4407	1.36	16.14
677	418	4825	1.53	17.67
681	394	5219	1.44	19.11
686	452	5671	1.66	20.77
690	470	6141	1.72	22.49
694	516	6657	1.89	24.38
699	537	7194	1.97	26.35
703	583	7777	2.14	28.48
708	600	8377	2.20	30.68
713	649	9026	2.38	33.06
717	679	9705	2.49	35.54
722	747	10452	2.74	38.28
727	790	11242	2.89	41.17
732	827	12069	3.03	44.20
738	894	12963	3.27	47.48
743	987	13950	3.61	51.09
749	986	14936	3.61	54.70
755	1094	16030	4.01	58.71
762	1143	17173	4.19	62.90
769	1201	18374	4.40	67.29
776	1234	19608	4.52	71.81
784	1224	20832	4.48	76.30
794	1208	22040	4.42	80.72
804	1255	23295	4.60	85.32
817	1192	24487	4.37	89.68
833	1005	25492	3.68	93.36
854	902	26394	3.30	96.67
890	611	27005	2.24	98.90
938	299	27304	1.10	100.00



DESCRIPTIVE STATISTICS - SCALE SCORES
TELPAS SPRING 2011
READING
ONLINE TESTED STUDENTS
GRADE 09

N	31165		
Mean	725.87	Median	727.00
Std deviation	83.61	Variance	6991.21
Skewness	-0.7915	Kurtosis	3.3784
Mode	794.00	Std Error Mean	0.4736
Range	587.00	Interquartile Range	99.00

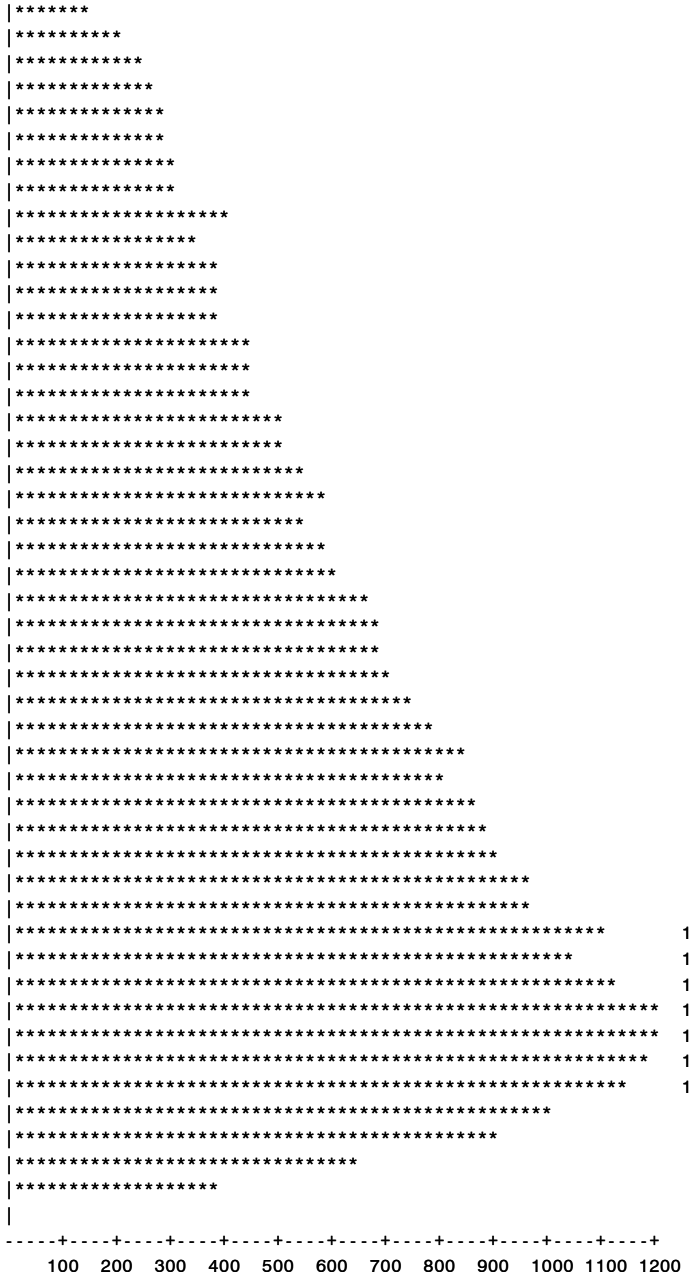
Quantile	Estimate
100% Max	938
99%	938
95%	854
90%	817
75% Q3	776
50% Median	727
25% Q1	677
10%	628
5%	603
1%	351
0% Min	351

```
                    Histogram                        #  Boxplot
925+***                                            385     0
   .**********                                     1544     |
   .********************                           3303     |
   .****************************************       6601  +-----+
   .************************************************ 8115  *--+--*
   .****************************************       6503  +-----+
   .********************                           3313     |
   .******                                          985     |
   .*                                                 57     0
   .*                                                  3     0
   .*                                                  3     0
375+***                                             353     *
    ----+----+----+----+----+----+----+----+----+---
    * may represent up to 170 counts
```

```
                        Normal Probability Plot
925+                                                          +****
   |                                                     ********
   |                                            +*******
   |                                     ********
   |                            ********
   |                     *******
   |            ********
   |     ******+
   |++**
   |  *
   |  *
375+***
       +----+----+----+----+----+----+----+----+----+----+
           -2        -1         0        +1        +2
```

FREQUENCY DISTRIBUTION - SCALE SCORES
TELPAS SPRING 2011
READING
ONLINE TESTED STUDENTS
GRADE 09

SCALE_SCORE	Freq	Cum. Freq	Percent	Cum. Percent
351	353	353	1.13	1.13
400	1	354	0.00	1.14
436	2	356	0.01	1.14
459	2	358	0.01	1.15
490	1	359	0.00	1.15
502	5	364	0.02	1.17
512	4	368	0.01	1.18
522	2	370	0.01	1.19
531	8	378	0.03	1.21
539	13	391	0.04	1.25
547	25	416	0.08	1.33
554	41	457	0.13	1.47
561	60	517	0.19	1.66
568	74	591	0.24	1.90
574	98	689	0.31	2.21
580	132	821	0.42	2.63
586	146	967	0.47	3.10
592	204	1171	0.65	3.76
598	230	1401	0.74	4.50
603	258	1659	0.83	5.32
608	285	1944	0.91	6.24
613	281	2225	0.90	7.14
618	295	2520	0.95	8.09
623	303	2823	0.97	9.06
628	397	3220	1.27	10.33
633	338	3558	1.08	11.42
637	384	3942	1.23	12.65
642	389	4331	1.25	13.90
646	383	4714	1.23	15.13
651	430	5144	1.38	16.51
655	436	5580	1.40	17.90
660	443	6023	1.42	19.33
664	509	6532	1.63	20.96
668	496	7028	1.59	22.55
673	546	7574	1.75	24.30
677	588	8162	1.89	26.19
681	536	8698	1.72	27.91
686	580	9278	1.86	29.77
690	605	9883	1.94	31.71
694	657	10540	2.11	33.82
699	677	11217	2.17	35.99
703	676	11893	2.17	38.16
708	706	12599	2.27	40.43
713	731	13330	2.35	42.77
717	774	14104	2.48	45.26
722	840	14944	2.70	47.95
727	793	15737	2.54	50.50
732	852	16589	2.73	53.23
738	883	17472	2.83	56.06
743	900	18372	2.89	58.95
749	960	19332	3.08	62.03
755	951	20283	3.05	65.08
762	1095	21378	3.51	68.60
769	1048	22426	3.36	71.96
776	1124	23550	3.61	75.57
784	1190	24740	3.82	79.38
794	1193	25933	3.83	83.21
804	1173	27106	3.76	86.98
817	1133	28239	3.64	90.61
833	997	29236	3.20	93.81
854	905	30141	2.90	96.71
890	639	30780	2.05	98.76
938	385	31165	1.24	100.00



DESCRIPTIVE STATISTICS - SCALE SCORES
TELPAS SPRING 2011
READING
ONLINE TESTED STUDENTS
GRADE 10

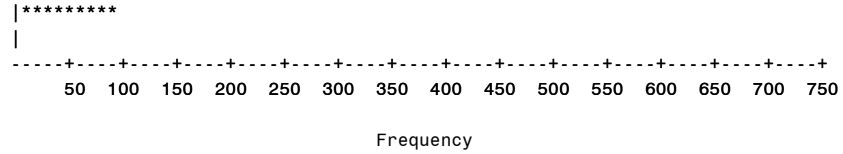
N	18291		
Mean	745.82	Median	751.00
Std deviation	74.25	Variance	5512.65
Skewness	-1.1533	Kurtosis	5.4999
Mode	795.00	Std Error Mean	0.5490
Range	602.00	Interquartile Range	87.00

Quantile	Estimate
100% Max	956
99%	908
95%	852
90%	836
75% Q3	795
50% Median	751
25% Q1	708
10%	663
5%	634
1%	562
0% Min	354

```
                    Histogram                        #  Boxplot                       Normal Probability Plot
975+*                                               85     0         975+                                                 *
   .***                                            227     |            |                                          *****
   .*********                                      915     |            |                                       *******
   .************************                       2658     |            |                                 ********
   .**************************************************  5328  +-----+         |                        *********
   .*********************************************    4905  +--+--+         |                  ********
675+*************************                       2724     |         675+           ********
   .**********                                     1101     |            |    ********+
   .**                                              181     0            |+*****+
   .*                                                10     0            | *
   .                                                                     |
   .                                                                     |
375+**                                              157     *         375+**
    ----+----+----+----+----+----+----+----+----+---                        +----+----+----+----+----+----+----+----+----+----+
    * may represent up to 111 counts                                           -2        -1         0        +1        +2
```

FREQUENCY DISTRIBUTION - SCALE SCORES
TELPAS SPRING 2011
READING
ONLINE TESTED STUDENTS
GRADE 10

SCALE_SCORE	Freq	Cum. Freq	Percent	Cum. Percent
354	157	157	0.86	0.86
529	3	160	0.02	0.87
538	1	161	0.01	0.88
546	6	167	0.03	0.91
554	7	174	0.04	0.95
562	17	191	0.09	1.04
569	18	209	0.10	1.14
576	21	230	0.11	1.26
583	29	259	0.16	1.42
589	47	306	0.26	1.67
596	42	348	0.23	1.90
602	64	412	0.35	2.25
607	70	482	0.38	2.64
613	89	571	0.49	3.12
618	104	675	0.57	3.69
624	111	786	0.61	4.30
629	88	874	0.48	4.78
634	129	1003	0.71	5.48
639	134	1137	0.73	6.22
644	152	1289	0.83	7.05
649	160	1449	0.87	7.92
654	175	1624	0.96	8.88
658	177	1801	0.97	9.85
663	186	1987	1.02	10.86
668	198	2185	1.08	11.95
672	232	2417	1.27	13.21
677	232	2649	1.27	14.48
681	249	2898	1.36	15.84
686	280	3178	1.53	17.37
690	326	3504	1.78	19.16
695	333	3837	1.82	20.98
699	336	4173	1.84	22.81
704	388	4561	2.12	24.94
708	421	4982	2.30	27.24
713	458	5440	2.50	29.74
717	457	5897	2.50	32.24
722	498	6395	2.72	34.96
727	487	6882	2.66	37.63
731	540	7422	2.95	40.58
736	525	7947	2.87	43.45
741	547	8494	2.99	46.44
746	584	9078	3.19	49.63
751	599	9677	3.27	52.91
757	625	10302	3.42	56.32
762	655	10957	3.58	59.90
768	671	11628	3.67	63.57
774	657	12285	3.59	67.16
781	676	12961	3.70	70.86
788	693	13654	3.79	74.65
795	752	14406	4.11	78.76
804	700	15106	3.83	82.59
813	665	15771	3.64	86.22
823	672	16443	3.67	89.90
836	621	17064	3.40	93.29
852	543	17607	2.97	96.26
873	372	17979	2.03	98.29
908	227	18206	1.24	99.54
956	85	18291	0.46	100.00



DESCRIPTIVE STATISTICS - SCALE SCORES
TELPAS SPRING 2011
READING
ONLINE TESTED STUDENTS
GRADE 11

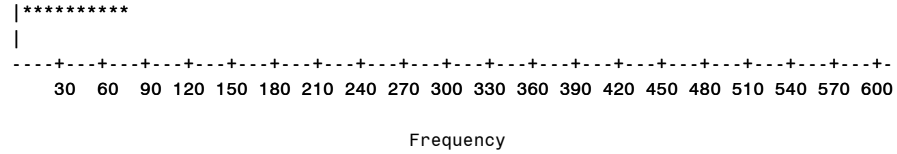
N	14063		
Mean	751.92	Median	757.00
Std deviation	76.90	Variance	5913.10
Skewness	-1.3433	Kurtosis	6.3096
Mode	804.00	Std Error Mean	0.6484
Range	602.00	Interquartile Range	82.00

Quantile	Estimate
100% Max	956
99%	908
95%	873
90%	836
75% Q3	795
50% Median	757
25% Q1	713
10%	672
5%	639
1%	354
0% Min	354

```
                    Histogram                        #  Boxplot                       Normal Probability Plot
975+*                                               77     0         975+                                                 *
   .***                                            264     |            |                                          ******
   .**********                                     850     |            |                                     +*******
   .**************************                     2240     |            |                                 ********
   .**************************************************  4194  +--+--+         |                        *********
   .*******************************************       3636  +-----+         |                 ********
675+**********************                          1866     |         675+          ********+
   .********                                        664     |            |    *******+
   .**                                              116     0            |++****+
   .*                                                 6     0            |  *
   .                                                                     |
   .                                                                     |
375+**                                              150     *         375+***
    ----+----+----+----+----+----+----+----+----+---                        +----+----+----+----+----+----+----+----+----+----+
    * may represent up to 88 counts                                            -2        -1         0        +1        +2
```

FREQUENCY DISTRIBUTION - SCALE SCORES
TELPAS SPRING 2011
READING
ONLINE TESTED STUDENTS
GRADE 11

SCALE_SCORE	Freq	Cum. Freq	Percent	Cum. Percent
354	150	150	1.07	1.07
508	3	153	0.02	1.09
519	2	155	0.01	1.10
538	1	156	0.01	1.11
554	4	160	0.03	1.14
562	11	171	0.08	1.22
569	15	186	0.11	1.32
576	17	203	0.12	1.44
583	14	217	0.10	1.54
589	27	244	0.19	1.74
596	28	272	0.20	1.93
602	35	307	0.25	2.18
607	36	343	0.26	2.44
613	51	394	0.36	2.80
618	53	447	0.38	3.18
624	65	512	0.46	3.64
629	87	599	0.62	4.26
634	56	655	0.40	4.66
639	95	750	0.68	5.33
644	89	839	0.63	5.97
649	97	936	0.69	6.66
654	97	1033	0.69	7.35
658	111	1144	0.79	8.13
663	119	1263	0.85	8.98
668	133	1396	0.95	9.93
672	179	1575	1.27	11.20
677	174	1749	1.24	12.44
681	159	1908	1.13	13.57
686	199	2107	1.42	14.98
690	211	2318	1.50	16.48
695	240	2558	1.71	18.19
699	244	2802	1.74	19.92
704	331	3133	2.35	22.28
708	268	3401	1.91	24.18
713	302	3703	2.15	26.33
717	356	4059	2.53	28.86
722	345	4404	2.45	31.32
727	357	4761	2.54	33.85
731	403	5164	2.87	36.72
736	411	5575	2.92	39.64
741	434	6009	3.09	42.73
746	429	6438	3.05	45.78
751	463	6901	3.29	49.07
757	496	7397	3.53	52.60
762	478	7875	3.40	56.00
768	516	8391	3.67	59.67
774	527	8918	3.75	63.41
781	555	9473	3.95	67.36
788	585	10058	4.16	71.52
795	574	10632	4.08	75.60
804	606	11238	4.31	79.91
813	558	11796	3.97	83.88
823	567	12363	4.03	87.91
836	509	12872	3.62	91.53
852	462	13334	3.29	94.82
873	388	13722	2.76	97.58
908	264	13986	1.88	99.45
956	77	14063	0.55	100.00



DESCRIPTIVE STATISTICS - SCALE SCORES
TELPAS SPRING 2011
READING
ONLINE TESTED STUDENTS
GRADE 12

N	10294		
Mean	743.83	Median	751.00
Std deviation	91.64	Variance	8397.96
Skewness	-2.0833	Kurtosis	7.4561
Mode	804.00	Std Error Mean	0.9032
Range	602.00	Interquartile Range	82.00

Quantile	Estimate
100% Max	956
99%	908
95%	852
90%	836
75% Q3	795
50% Median	751
25% Q1	713
10%	668
5%	624
1%	354
0% Min	354

```
                    Histogram                        #  Boxplot
975+*                                               49     0
   .***                                            167     |
   .*********                                      531     |
   .************************                       1558     |
   .**************************************************  3136  +-----+
   .*******************************************      2741  +--+--+
675+*********************                           1342     |
   .******                                          384     |
   .**                                                75     0
   .*                                                  6     0
   .
   .
375+*****                                           305     *
    ----+----+----+----+----+----+----+----+----+---
    * may represent up to 66 counts
```

```
                        Normal Probability Plot
975+                                                    ++*
   |                                                 ++*******
   |                                          +++*******
   |                                      +********
   |                            **********
   |                     ********+
675+              *******+++
   |          *****+++
   |       ++**++
   |+++++  *
   |
   |
375+*******
       +----+----+----+----+----+----+----+----+----+----+
            -2        -1         0        +1        +2
```

FREQUENCY DISTRIBUTION - SCALE SCORES
TELPAS SPRING 2011
READING
ONLINE TESTED STUDENTS
GRADE 12

SCALE_SCORE		Freq	Cum. Freq	Percent	Cum. Percent
	|				
354	|**********	305	305	2.96	2.96
529	|	1	306	0.01	2.97
538	|	1	307	0.01	2.98
546	|*	4	311	0.04	3.02
554	|	3	314	0.03	3.05
562	|	3	317	0.03	3.08
569	|*	4	321	0.04	3.12
576	|*	7	328	0.07	3.19
583	|**	17	345	0.17	3.35
589	|**	18	363	0.17	3.53
596	|***	23	386	0.22	3.75
602	|**	18	404	0.17	3.92
607	|***	26	430	0.25	4.18
613	|***	22	452	0.21	4.39
618	|****	32	484	0.31	4.70
624	|****	33	517	0.32	5.02
629	|*****	35	552	0.34	5.36
634	|******	45	597	0.44	5.80
639	|*******	55	652	0.53	6.33
644	|*********	66	718	0.64	6.97
649	|*******	52	770	0.51	7.48
654	|**********	72	842	0.70	8.18
658	|*********	67	909	0.65	8.83
663	|**********	84	993	0.82	9.65
668	|**********	97	1090	0.94	10.59
672	|**********	93	1183	0.90	11.49
677	|**********	111	1294	1.08	12.57
681	|**********	128	1422	1.24	13.81
686	|**********	150	1572	1.46	15.27
690	|**********	165	1737	1.60	16.87
695	|**********	182	1919	1.77	18.64
699	|**********	193	2112	1.87	20.52
704	|**********	233	2345	2.26	22.78
708	|**********	223	2568	2.17	24.95
713	|**********	254	2822	2.47	27.41
717	|**********	245	3067	2.38	29.79
722	|**********	231	3298	2.24	32.04
727	|**********	281	3579	2.73	34.77
731	|**********	309	3888	3.00	37.77
736	|**********	317	4205	3.08	40.85
741	|**********	317	4522	3.08	43.93
746	|**********	331	4853	3.22	47.14
751	|**********	332	5185	3.23	50.37
757	|**********	390	5575	3.79	54.16
762	|**********	378	5953	3.67	57.83
768	|**********	406	6359	3.94	61.77
774	|**********	394	6753	3.83	65.60
781	|**********	397	7150	3.86	69.46
788	|**********	407	7557	3.95	73.41
795	|**********	432	7989	4.20	77.61
804	|**********	436	8425	4.24	81.84
813	|**********	403	8828	3.91	85.76
823	|**********	360	9188	3.50	89.26
836	|**********	359	9547	3.49	92.74
852	|**********	292	9839	2.84	95.58
873	|**********	239	10078	2.32	97.90
908	|**********	167	10245	1.62	99.52
956	|*******	49	10294	0.48	100.00
	|				

```
----+---+---+---+---+---+---+---+---+---+---+---+---+---+---+--
    30  60  90 120 150 180 210 240 270 300 330 360 390 420
```

Frequency

DESCRIPTIVE STATISTICS - SCALE SCORES
TELPAS SPRING 2011
READING
PAPER TESTED STUDENTS
GRADE 02

N	32		
Mean	608.31	Median	618.00
Std deviation	84.70	Variance	7174.67
Skewness	-0.3025	Kurtosis	-0.7536
Mode	531.00	Std Error Mean	14.9736
Range	330.00	Interquartile Range	142.50

Quantile	Estimate
100% Max	755
99%	755
95%	733
90%	716
75% Q3	674
50% Median	618
25% Q1	531
10%	496
5%	460
1%	425
0% Min	425

```
Stem Leaf                     #             Boxplot                                   Normal Probability Plot
  74 5                        1                |                     750+                                          ++   *
  72 3                        1                |                        |                                       ++*
  70 66                       2                |                        |                                   +*+*
  68 2222                     4                |                        |                               ***+*
  66 5                        1             +-----+                     |                              *++
  64 30777                    5             |     |                     |                           ****+
  62 47                       2             |     |                     |                         **++
  60 772                      3             *--+--*                     |                       ***+
  58 5                        1             |     |                  590+                      *++
  56 18                       2             |     |                     |                    +*
  54 3                        1             |     |                     |                 +++*
  52 4111                     4             +-----+                     |               +****
  50 1                        1                |                        |             +*
  48 66                       2                |                        |          +*+*
  46 0                        1                |                        |        +*
  44                                           |                        |      ++
  42 5                        1                |                     430+   +*+
     ----+----+----+----+                                                +----+----+----+----+----+----+----+----+----+----+
 Multiply Stem.Leaf by 10**+1                                                -2        -1         0         +1        +2
```

FREQUENCY DISTRIBUTION - SCALE SCORES
TELPAS SPRING 2011
READING
PAPER TESTED STUDENTS
GRADE 02

SCALE_SCORE	Freq	Cum. Freq	Percent	Cum. Percent
425	1	1	3.13	3.13
460	1	2	3.13	6.25
496	2	4	6.25	12.50
511	1	5	3.13	15.63
524	1	6	3.13	18.75
531	3	9	9.38	28.13
543	1	10	3.13	31.25
561	1	11	3.13	34.38
578	1	12	3.13	37.50
595	1	13	3.13	40.63
607	2	15	6.25	46.88
612	1	16	3.13	50.00
624	1	17	3.13	53.13
637	1	18	3.13	56.25
643	1	19	3.13	59.38
650	1	20	3.13	62.50
657	3	23	9.38	71.88
665	1	24	3.13	75.00
682	2	26	6.25	81.25
692	2	28	6.25	87.50
716	2	30	6.25	93.75
733	1	31	3.13	96.88
755	1	32	3.13	100.00

```
425 |*******************
460 |*******************
496 |****************************************
511 |*******************
524 |*******************
531 |*************************************************************
543 |*******************
561 |*******************
578 |*******************
595 |*******************
607 |****************************************
612 |*******************
624 |*******************
637 |*******************
643 |*******************
650 |*******************
657 |*************************************************************
665 |*******************
682 |****************************************
692 |****************************************
716 |****************************************
733 |*******************
755 |*******************
    --------------------+-------------------+-------------------+
                        1                   2                   3

                        Frequency
```

DESCRIPTIVE STATISTICS - SCALE SCORES
TELPAS SPRING 2011
READING
PAPER TESTED STUDENTS
GRADE 03

N	35		
Mean	681.20	Median	689.00
Std deviation	57.03	Variance	3252.75
Skewness	-0.9651	Kurtosis	1.1292
Mode	689.00	Std Error Mean	9.6403
Range	257.00	Interquartile Range	51.00

Quantile	Estimate
100% Max	775
99%	775
95%	759
90%	746
75% Q3	717
50% Median	689
25% Q1	666
10%	580
5%	570
1%	518
0% Min	518

```
Stem Leaf                     #             Boxplot                                   Normal Probability Plot
  77 5                        1                |                    775+                                          ++   *
  76                                           |                       |                                       ++
  75 99                       2                |                       |                                      +*  *
  74 66                       2                |                       |                                    *+*
  73 5                        1                |                       |                                  +*
  72 6                        1                |                       |                                ++*
  71 777                      3             +-----+                    |                               ***
  70 99                       2             |     |                    |                             **
  69 55                       2             |     |                    |                           +**
  68 33399999                 8             *--+--*                    |                      ******
  67 227                      3             |     |                    |                    **  +
  66 66                       2             +-----+                    |                  **  ++
  65 16                       2                |                       |                **  ++
  64                                           |                    645+                  ++
  63                                           |                       |                 +
  62 7                        1                |                       |               *+
  61 3                        1                |                       |             +*
  60                                           |                       |           ++
  59                                           |                       |          +
  58 0                        1                0                       |        ++  *
  57 05                       2                0                       |      ++*  *
  56                                                                   |    ++
  55                                                                   |  ++
  54                                                                   | +
  53                                                                   |+
  52                                                                   |
  51 8                        1                0                    515+    *
     ----+----+----+----+                                                +----+----+----+----+----+----+----+----+----+----+
 Multiply Stem.Leaf by 10**+1                                                -2        -1         0        +1        +2
```

FREQUENCY DISTRIBUTION - SCALE SCORES
TELPAS SPRING 2011
READING
PAPER TESTED STUDENTS
GRADE 03

SCALE_SCORE	Freq	Cum. Freq	Percent	Cum. Percent
518	1	1	2.86	2.86
570	1	2	2.86	5.71
575	1	3	2.86	8.57
580	1	4	2.86	11.43
613	1	5	2.86	14.29
627	1	6	2.86	17.14
651	1	7	2.86	20.00
656	1	8	2.86	22.86
666	2	10	5.71	28.57
672	2	12	5.71	34.29
677	1	13	2.86	37.14
683	3	16	8.57	45.71
689	5	21	14.29	60.00
695	2	23	5.71	65.71
709	2	25	5.71	71.43
717	3	28	8.57	80.00
726	1	29	2.86	82.86
735	1	30	2.86	85.71
746	2	32	5.71	91.43
759	2	34	5.71	97.14
775	1	35	2.86	100.00

```
          |
518       |**********
          |
570       |**********
          |
575       |**********
          |
580       |**********
          |
613       |**********
          |
627       |**********
          |
651       |**********
          |
656       |**********
          |
666       |********************
          |
672       |********************
          |
677       |**********
          |
683       |******************************
          |
689       |**************************************************
          |
695       |********************
          |
709       |********************
          |
717       |******************************
          |
726       |**********
          |
735       |**********
          |
746       |********************
          |
759       |********************
          |
775       |**********
          |
          ----------+---------+---------+---------+---------+
                    1         2         3         4         5

                          Frequency
```

DESCRIPTIVE STATISTICS - SCALE SCORES
TELPAS SPRING 2011
READING
PAPER TESTED STUDENTS
GRADE 04

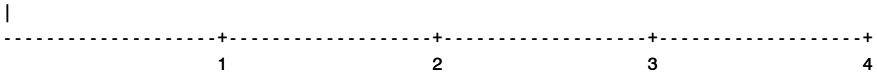
N	37		
Mean	708.11	Median	699.00
Std deviation	70.22	Variance	4930.99
Skewness	-0.1750	Kurtosis	-0.0952
Mode	673.00	Std Error Mean	11.5443
Range	295.00	Interquartile Range	85.00

Quantile	Estimate
100% Max	865
99%	865
95%	829
90%	791
75% Q3	758
50% Median	699
25% Q1	673
10%	586
5%	575
1%	570
0% Min	570

```
Stem Leaf                     #             Boxplot                                   Normal Probability Plot
  86 5                        1                |                    870+                                                  *+++
  84                                           |                       |                                             +++
  82 9                        1                |                       |                                          +*+
  80 7                        1                |                    810+                                        +*
  78 1                        1                |                       |                                     ++*
  76 888                      3                |                       |                                  +** *
  74 2228888                  7             +-----+                 750+                              ******
  72 2855                     4             |     |                    |                            ***+
  70                                        |  +  |                    |                         +++
  68 3388399                  7             *-----*                 690+                       *****
  66 33338                    5             +-----+                    |                  ****
  64 9                        1                |                       |                 *++
  62 5                        1                |                    630+              ++*
  60 7                        1                |                       |           +++*
  58 16                       2                |                       |        +++* *
  56 05                       2                |                    570+     *++ *
     ----+----+----+----+                                                +----+----+----+----+----+----+----+----+----+----+
 Multiply Stem.Leaf by 10**+1                                                -2        -1         0         +1        +2
```

FREQUENCY DISTRIBUTION - SCALE SCORES
TELPAS SPRING 2011
READING
PAPER TESTED STUDENTS
GRADE 04

SCALE_SCORE	Freq	Cum. Freq	Percent	Cum. Percent
570	1	1	2.70	2.70
575	1	2	2.70	5.41
581	1	3	2.70	8.11
586	1	4	2.70	10.81
607	1	5	2.70	13.51
635	1	6	2.70	16.22
659	1	7	2.70	18.92
673	4	11	10.81	29.73
678	1	12	2.70	32.43
683	2	14	5.41	37.84
688	2	16	5.41	43.24
693	1	17	2.70	45.95
699	2	19	5.41	51.35
722	1	20	2.70	54.05
728	1	21	2.70	56.76
735	2	23	5.41	62.16
742	3	26	8.11	70.27
758	4	30	10.81	81.08
768	2	32	5.41	86.49
778	1	33	2.70	89.19
791	1	34	2.70	91.89
807	1	35	2.70	94.59
829	1	36	2.70	97.30
865	1	37	2.70	100.00



Frequency

DESCRIPTIVE STATISTICS - SCALE SCORES
TELPAS SPRING 2011
READING
PAPER TESTED STUDENTS
GRADE 05

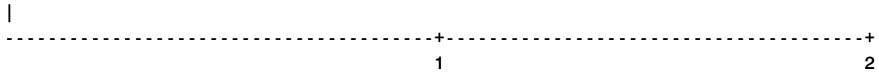
N	24		
Mean	682.79	Median	678.00
Std deviation	62.58	Variance	3916.17
Skewness	0.0063	Kurtosis	-0.8404
Mode	621.00	Std Error Mean	12.7740
Range	232.00	Interquartile Range	107.00

Quantile	Estimate
100% Max	807
99%	807
95%	768
90%	750
75% Q3	735
50% Median	678
25% Q1	628
10%	607
5%	581
1%	575
0% Min	575

```
Stem Leaf                     #             Boxplot                                   Normal Probability Plot
  80 7                        1                |                    805+                                          *+
  79                                           |                       |                                       +
  78                                           |                       |                                     ++
  77                                           |                       |                                   ++
  76 8                        1                |                       |                                  + *
  75 00                       2                |                       |                              *++
  74 22                       2                |                       |                            * *+
  73                                         +-----+                   |                             ++
  72 88                       2              |     |                   |                          **+
  71 6                        1              |     |                   |                         *+
  70 44                       2              |     |                   |                       **+
  69                                         |     |                   |                       +
  68 3                        1              |  +  |                   |                     +*
  67 3                        1              *-----*                   |                   +*
  66 448                      3              |     |                   |                  ***
  65                                         |     |                   |                 ++
  64 5                        1              |     |                   |                +*
  63 5                        1              |     |                   |              ++*
  62 11                       2              +-----+                   |            +* *
  61 1                        1                |                       |           +*
  60 7                        1                |                       |         +*
  59                                           |                       |        +
  58 1                        1                |                       |      +*
  57 5                        1                |                    575+    *++
     ----+----+----+----+                                                +----+----+----+----+----+----+----+----+----+----+
 Multiply Stem.Leaf by 10**+1                                                 -2        -1         0        +1        +2
```

FREQUENCY DISTRIBUTION - SCALE SCORES
TELPAS SPRING 2011
READING
PAPER TESTED STUDENTS
GRADE 05

SCALE_SCORE	Freq	Cum. Freq	Percent	Cum. Percent
575	1	1	4.17	4.17
581	1	2	4.17	8.33
607	1	3	4.17	12.50
611	1	4	4.17	16.67
621	2	6	8.33	25.00
635	1	7	4.17	29.17
645	1	8	4.17	33.33
664	2	10	8.33	41.67
668	1	11	4.17	45.83
673	1	12	4.17	50.00
683	1	13	4.17	54.17
704	2	15	8.33	62.50
716	1	16	4.17	66.67
728	2	18	8.33	75.00
742	2	20	8.33	83.33
750	2	22	8.33	91.67
768	1	23	4.17	95.83
807	1	24	4.17	100.00



Frequency

DESCRIPTIVE STATISTICS - SCALE SCORES
TELPAS SPRING 2011
READING
PAPER TESTED STUDENTS
GRADE 06

N	78		
Mean	693.17	Median	700.00
Std deviation	58.73	Variance	3449.21
Skewness	-0.5927	Kurtosis	-0.3012
Mode	754.00	Std Error Mean	6.6499
Range	258.00	Interquartile Range	76.00

Quantile	Estimate
100% Max	803
99%	803
95%	770
90%	762
75% Q3	734
50% Median	700
25% Q1	658
10%	596
5%	586
1%	545
0% Min	545

```
Stem Leaf                     #             Boxplot                                   Normal Probability Plot
  80 3                        1                |                    805+                                          +    *
  79                                           |                       |                                       ++
  78 00                       2                |                       |                                     ++ * *
  77 000                      3                |                       |                                    +***
  76 22                       2                |                       |                                  +***
  75 444444                   6                |                       |                                ****
  74 07777                    5                |                       |                              ***
  73 444                      3             +-----+                    |                             **
  72 22288888                 8             |     |                    |                           ****
  71 1111666                  7             |     |                    |                          ***+
  70 000006                   6             *-----*                    |                        ** +
  69 0055                     4             |  +  |                    |                        **++
  68 1116                     4             |     |                    |                      **++
  67 16                       2             |     |                    675+                   *+
  66 2777                     4             |     |                       |                 **+
  65 33888                    5             +-----+                       |               ***
  64                                           |                          |              ++
  63 05559                    5                |                          |             ***
  62                                           |                          |           ++
  61 6                        1                |                          |         ++ *
  60 16                       2                |                          |        +  *
  59 1116                     4                |                          |      +****
  58 6                        1                |                          |    ++*
  57                                           |                          |   +
  56 33                       2                |                          |  ++* *
  55                                           |                          | ++
  54 5                        1                |                    545++*
     ----+----+----+----+                                                  +----+----+----+----+----+----+----+----+----+----+
 Multiply Stem.Leaf by 10**+1                                                -2        -1         0        +1        +2
```

FREQUENCY DISTRIBUTION - SCALE SCORES
TELPAS SPRING 2011
READING
PAPER TESTED STUDENTS
GRADE 06

SCALE_SCORE		Freq	Cum. Freq	Percent	Cum. Percent
545	**********	1	1	1.28	1.28
563	**********	2	3	2.56	3.85
586	**********	1	4	1.28	5.13
591	**********	3	7	3.85	8.97
596	**********	1	8	1.28	10.26
601	**********	1	9	1.28	11.54
606	**********	1	10	1.28	12.82
616	**********	1	11	1.28	14.10
630	**********	1	12	1.28	15.38
635	**********	3	15	3.85	19.23
639	**********	1	16	1.28	20.51
653	**********	2	18	2.56	23.08
658	**********	3	21	3.85	26.92
662	**********	1	22	1.28	28.21
667	**********	3	25	3.85	32.05
671	**********	1	26	1.28	33.33
676	**********	1	27	1.28	34.62
681	**********	3	30	3.85	38.46
686	**********	1	31	1.28	39.74
690	**********	2	33	2.56	42.31
695	**********	2	35	2.56	44.87
700	**********	5	40	6.41	51.28
706	**********	1	41	1.28	52.56
711	**********	4	45	5.13	57.69
716	**********	3	48	3.85	61.54
722	**********	3	51	3.85	65.38
728	**********	5	56	6.41	71.79
734	**********	3	59	3.85	75.64
740	**********	1	60	1.28	76.92
747	**********	4	64	5.13	82.05
754	**********	6	70	7.69	89.74
762	**********	2	72	2.56	92.31
770	**********	3	75	3.85	96.15
780	**********	2	77	2.56	98.72

```
      |
803   |**********                                                1     78     1.28   100.00
      |
      ----------+---------+---------+---------+---------+---------+
                1         2         3         4         5         6

                                Frequency
```

DESCRIPTIVE STATISTICS - SCALE SCORES
TELPAS SPRING 2011
READING
PAPER TESTED STUDENTS
GRADE 07

N	101		
Mean	703.17	Median	711.00
Std deviation	78.91	Variance	6227.50
Skewness	-1.0811	Kurtosis	3.1864
Mode	762.00	Std Error Mean	7.8523
Range	500.00	Interquartile Range	109.00

Quantile	Estimate
100% Max	841
99%	841
95%	803
90%	791
75% Q3	762
50% Median	711
25% Q1	653
10%	606
5%	580
1%	531
0% Min	341

```
Stem Leaf                     #             Boxplot                                   Normal Probability Plot
  84 111                      3                |                     850+                                          +* *   *
  82                                           |                        |                                     +++
  80 333339                   6                |                        |                                  +*****
  78 000011111                9                |                        |                              *****
  76 222222200                9             +-----+                     |                           ****
  74 0000077777744           13             |     |                  750+                        ****+
  72 2288884                  7             |     |                     |                       ***+
  70 000061166                9             *--+--*                     |                    ***+
  68 1666660055555           13             |     |                     |                 *****
  66 2277                     4             |     |                     |                **++
  64 44883388                 8             +-----+                  650+              ***
  62 15599                    5                |                        |            **
  60 1161116                  7                |                        |         ****
  58 016                      3                |                        |       ***
  56 39                       2                |                        |     **+
  54 7                        1                |                     550+   +*
  52 1                        1                |                        |  ++*
  50                                                                    |++
  48                                                                    |
  46                                                                    |
  44                                                                 450+
  42                                                                    |
  40                                                                    |
  38                                                                    |
  36                                                                    |
  34 1                        1                0                     350+*
     ----+----+----+----+                                                +----+----+----+----+----+----+----+----+----+----+
 Multiply Stem.Leaf by 10**+1                                                -2        -1         0        +1        +2
```

FREQUENCY DISTRIBUTION - SCALE SCORES
TELPAS SPRING 2011
READING
PAPER TESTED STUDENTS
GRADE 07

SCALE_SCORE		Freq	Cum. Freq	Percent	Cum. Percent
341	**********	1	1	0.99	0.99
531	**********	1	2	0.99	1.98
557	**********	1	3	0.99	2.97
563	**********	1	4	0.99	3.96
569	**********	1	5	0.99	4.95
580	**********	1	6	0.99	5.94
591	**********	1	7	0.99	6.93
596	**********	1	8	0.99	7.92
601	**********	2	10	1.98	9.90
606	**********	1	11	0.99	10.89
611	**********	3	14	2.97	13.86
616	**********	1	15	0.99	14.85
621	**********	1	16	0.99	15.84
625	**********	1	17	0.99	16.83
635	**********	1	18	0.99	17.82
639	**********	2	20	1.98	19.80
644	**********	2	22	1.98	21.78
648	**********	2	24	1.98	23.76
653	**********	2	26	1.98	25.74
658	**********	2	28	1.98	27.72
662	**********	2	30	1.98	29.70
667	**********	2	32	1.98	31.68
681	**********	1	33	0.99	32.67
686	**********	5	38	4.95	37.62
690	**********	2	40	1.98	39.60
695	**********	5	45	4.95	44.55
700	**********	4	49	3.96	48.51
706	**********	1	50	0.99	49.50
711	**********	2	52	1.98	51.49
716	**********	2	54	1.98	53.47
722	**********	2	56	1.98	55.45
728	**********	4	60	3.96	59.41
734	**********	1	61	0.99	60.40
740	**********	5	66	4.95	65.35

```
     |
747  |************************************************************      6   72    5.94   71.29
     |
754  |********************                                              2   74    1.98   73.27
     |
762  |***********************************************************************  7   81    6.93   80.20
     |
770  |********************                                              2   83    1.98   82.18
     |
780  |****************************************                          4   87    3.96   86.14
     |
791  |**************************************************                5   92    4.95   91.09
     |
803  |**************************************************                5   97    4.95   96.04
     |
819  |**********                                                        1   98    0.99   97.03
     |
841  |******************************                                    3  101    2.97  100.00
     |
     ----------+---------+---------+---------+---------+---------+---------+
               1         2         3         4         5         6         7
```

DESCRIPTIVE STATISTICS - SCALE SCORES
TELPAS SPRING 2011
READING
PAPER TESTED STUDENTS
GRADE 08

N	131		
Mean	681.11	Median	680.00
Std deviation	82.44	Variance	6796.87
Skewness	-0.1148	Kurtosis	1.0314
Mode	671.00	Std Error Mean	7.2031
Range	556.00	Interquartile Range	121.00

Quantile	Estimate
100% Max	922
99%	887
95%	813
90%	780
75% Q3	738
50% Median	680
25% Q1	617
10%	581
5%	569
1%	488
0% Min	366

```
Stem Leaf                                  #         Boxplot                                Normal Probability Plot
   9 2                                     1            0                925+                                                 *
   8 559                                   3            |                   |                                       * **+++
   8 00113                                 5            |                   |                                    ****++
   7 5666666777788889                     16            |                   |                              *******
   7 00011111111222222222333333344444444  35         +-----+                |                        *********
   6 5555566677777777788888899            25         *--+--*                |                     *****+
   6 00111112222222333444444              23         +-----+                |                *******
   5 677777788888999999999                21            |                   |    * ***********
   5                                                    |                   |    ++++++
   4 9                                     1            |                   |+++*
   4                                                                        |
   3 7                                     1            0                375+*
     ----+----+----+----+----+----+----+                                       +----+----+----+----+----+----+----+----+----+----+
 Multiply Stem.Leaf by 10**+2                                                     -2        -1         0        +1        +2
```

FREQUENCY DISTRIBUTION - SCALE SCORES
TELPAS SPRING 2011
READING
PAPER TESTED STUDENTS
GRADE 08

SCALE_SCORE		Freq	Cum. Freq	Percent	Cum. Percent
	|				
366	|**********	1	1	0.76	0.76
488	|**********	1	2	0.76	1.53
563	|**********	1	3	0.76	2.29
569	|**********	6	9	4.58	6.87
575	|**********	3	12	2.29	9.16
581	|**********	2	14	1.53	10.69
587	|**********	5	19	3.82	14.50
592	|**********	4	23	3.05	17.56
598	|**********	1	24	0.76	18.32
603	|**********	1	25	0.76	19.08
608	|**********	3	28	2.29	21.37
613	|**********	2	30	1.53	22.90
617	|**********	4	34	3.05	25.95
622	|**********	3	37	2.29	28.24
627	|**********	1	38	0.76	29.01
632	|**********	2	40	1.53	30.53
636	|**********	3	43	2.29	32.82
641	|**********	1	44	0.76	33.59
645	|**********	2	46	1.53	35.11
649	|**********	5	51	3.82	38.93
658	|**********	2	53	1.53	40.46
663	|**********	1	54	0.76	41.22
667	|**********	2	56	1.53	42.75
671	|**********	7	63	5.34	48.09
676	|**********	2	65	1.53	49.62
680	|**********	2	67	1.53	51.15
684	|**********	2	69	1.53	52.67
693	|**********	2	71	1.53	54.20
698	|**********	1	72	0.76	54.96
703	|**********	2	74	1.53	56.49
707	|**********	6	80	4.58	61.07
712	|**********	2	82	1.53	62.60
717	|**********	4	86	3.05	65.65
722	|**********	5	91	3.82	69.47
727	|**********	3	94	2.29	71.76
733	|**********	4	98	3.05	74.81
738	|**********	4	102	3.05	77.86
744	|**********	4	106	3.05	80.92
750	|**********	1	107	0.76	81.68
757	|**********	2	109	1.53	83.21
764	|**********	4	113	3.05	86.26
771	|**********	4	117	3.05	89.31
780	|**********	4	121	3.05	92.37
789	|**********	1	122	0.76	93.13
800	|**********	2	124	1.53	94.66
813	|**********	2	126	1.53	96.18
829	|**********	1	127	0.76	96.95
851	|**********	2	129	1.53	98.47
887	|**********	1	130	0.76	99.24
922	|**********	1	131	0.76	100.00
	|				
	----------+---------+---------+---------+---------+---------+---------+				
	1 2 3 4 5 6 7				

Frequency

DESCRIPTIVE STATISTICS - SCALE SCORES
TELPAS SPRING 2011
READING
PAPER TESTED STUDENTS
GRADE 09

N	125		
Mean	695.94	Median	693.00
Std deviation	77.21	Variance	5961.83
Skewness	0.2342	Kurtosis	-0.4030
Mode	813.00	Std Error Mean	6.9061
Range	365.00	Interquartile Range	109.00

Quantile	Estimate
100% Max	922
99%	851
95%	813
90%	813
75% Q3	750
50% Median	693
25% Q1	641
10%	587
5%	569
1%	557
0% Min	557

```
Stem Leaf                     #             Boxplot                                   Normal Probability Plot
  92 2                        1                0                    930+                                                  *
  90                                                                   |
  88                                                                   |                                                ++
  86                                                                   |                                              ++
  84 111                      3                |                      |                                          **+*
  82 99                       2                |                      |                                        **
  80 0003333333              10                |                      |                                   *****
  78 00009                    5                |                      |                                 **++
  76 4441                     4                |                      |                                *+
  74 40000007777             11             +-----+                    |                              ***
  72 77338888                 8             |     |                    |                            **
  70 33333722277777          14             |     |                    |                        ****
  68 0004499938888           13             *--+--*                    |                      ****
  66 333377711116            12             |     |                    |                    ***
  64 11111555999888          14             +-----+                    |                 ****
  62 722266                   6                |                       |                **
  60 3338777                  7                |                       |             ****
  58 1111778                  7                |                       |          ****
  56 339999                   6                |                       |     ******
  54 77                       2                |                    550+*  * +++
     ----+----+----+----+                                                +----+----+----+----+----+----+----+----+----+----+
 Multiply Stem.Leaf by 10**+1                                                -2        -1         0        +1        +2
```

FREQUENCY DISTRIBUTION - SCALE SCORES
TELPAS SPRING 2011
READING
PAPER TESTED STUDENTS
GRADE 09

SCALE_SCORE		Freq	Cum. Freq	Percent	Cum. Percent
557	**********	2	2	1.60	1.60
563	**********	2	4	1.60	3.20
569	**********	4	8	3.20	6.40
581	**********	4	12	3.20	9.60
587	**********	2	14	1.60	11.20
598	**********	1	15	0.80	12.00
603	**********	3	18	2.40	14.40
608	**********	1	19	0.80	15.20
617	**********	3	22	2.40	17.60
627	**********	1	23	0.80	18.40
632	**********	3	26	2.40	20.80
636	**********	2	28	1.60	22.40
641	**********	5	33	4.00	26.40
645	**********	3	36	2.40	28.80
649	**********	3	39	2.40	31.20
658	**********	3	42	2.40	33.60
663	**********	4	46	3.20	36.80
667	**********	3	49	2.40	39.20
671	**********	4	53	3.20	42.40
676	**********	1	54	0.80	43.20
680	**********	3	57	2.40	45.60
684	**********	2	59	1.60	47.20
689	**********	3	62	2.40	49.60
693	**********	1	63	0.80	50.40
698	**********	4	67	3.20	53.60
703	**********	5	72	4.00	57.60
707	**********	1	73	0.80	58.40
712	**********	3	76	2.40	60.80
717	**********	5	81	4.00	64.80
727	**********	2	83	1.60	66.40
733	**********	2	85	1.60	68.00
738	**********	4	89	3.20	71.20
744	**********	1	90	0.80	72.00
750	**********	6	96	4.80	76.80

```
      |
757   |****************************************                              4   100     3.20    80.00
      |
764   |******************************                                        3   103     2.40    82.40
      |
771   |**********                                                            1   104     0.80    83.20
      |
780   |****************************************                              4   108     3.20    86.40
      |
789   |**********                                                            1   109     0.80    87.20
      |
800   |******************************                                        3   112     2.40    89.60
      |
813   |************************************************************************    7   119     5.60    95.20
      |
829   |********************                                                    2   121     1.60    96.80
      |
851   |******************************                                        3   124     2.40    99.20
      |
922   |**********                                                            1   125     0.80   100.00
      |
      ----------+---------+---------+---------+---------+---------+---------+
```

1 2 3 4 5 6 7

Frequency

DESCRIPTIVE STATISTICS - SCALE SCORES
TELPAS SPRING 2011
READING
PAPER TESTED STUDENTS
GRADE 10

N	47		
Mean	724.17	Median	713.00
Std deviation	66.70	Variance	4448.62
Skewness	0.3249	Kurtosis	-0.6238
Mode	634.00	Std Error Mean	9.7289
Range	271.00	Interquartile Range	102.00

Quantile	Estimate
100% Max	873
99%	873
95%	852
90%	823
75% Q3	774
50% Median	713
25% Q1	672
10%	634
5%	634
1%	602
0% Min	602

```
Stem Leaf                     #             Boxplot                                   Normal Probability Plot
  86 3                        1                |                     870+                                                +*+
  84 22                       2                |                        |                                        * *++
  82 36                       2                |                        |                                    **+++
  80                                           |                        |                                   +++
  78 18885                    5                |                        |                              *****
  76 88844                    5             +-----+                     |                           ****
  74 66177                    5             |     |                     |                        ***+
  72 16                       2             |  +  |                     |                       +**
  70 88837                    5             *-----*                     |                    +****
  68 11166005                 8             |     |                     |                 *****
  66 322                      3             +-----+                     |               +**
  64 4998                     4                |                        |             ****
  62 9444                     4                |                        |       * *+**
  60 2                        1                |                     610+   *   +++
     ----+----+----+----+                                                +----+----+----+----+----+----+----+----+----+----+
 Multiply Stem.Leaf by 10**+1                                                -2        -1         0        +1        +2
```

FREQUENCY DISTRIBUTION - SCALE SCORES
TELPAS SPRING 2011
READING
PAPER TESTED STUDENTS
GRADE 10

SCALE_SCORE		Freq	Cum. Freq	Percent	Cum. Percent
602	**********	1	1	2.13	2.13
629	**********	1	2	2.13	4.26
634	**********	3	5	6.38	10.64
644	**********	1	6	2.13	12.77
649	**********	2	8	4.26	17.02
658	**********	1	9	2.13	19.15
663	**********	1	10	2.13	21.28
672	**********	2	12	4.26	25.53
681	**********	3	15	6.38	31.91
686	**********	2	17	4.26	36.17
690	**********	2	19	4.26	40.43
695	**********	1	20	2.13	42.55
708	**********	3	23	6.38	48.94
713	**********	1	24	2.13	51.06
717	**********	1	25	2.13	53.19
731	**********	1	26	2.13	55.32
736	**********	1	27	2.13	57.45
746	**********	2	29	4.26	61.70
751	**********	1	30	2.13	63.83
757	**********	2	32	4.26	68.09
768	**********	3	35	6.38	74.47
774	**********	2	37	4.26	78.72
781	**********	1	38	2.13	80.85
788	**********	3	41	6.38	87.23
795	**********	1	42	2.13	89.36
823	**********	1	43	2.13	91.49
836	**********	1	44	2.13	93.62
852	**********	2	46	4.26	97.87
873	**********	1	47	2.13	100.00

1 2 3

Frequency

DESCRIPTIVE STATISTICS - SCALE SCORES
TELPAS SPRING 2011
READING
PAPER TESTED STUDENTS
GRADE 11

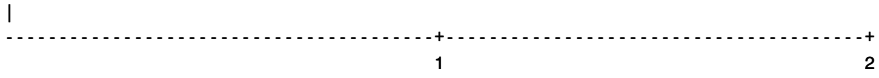
N	19		
Mean	711.16	Median	699.00
Std deviation	59.84	Variance	3580.25
Skewness	0.4553	Kurtosis	-0.5495
Mode	677.00	Std Error Mean	13.7271
Range	218.00	Interquartile Range	100.00

Quantile	Estimate
100% Max	836
99%	836
95%	836
90%	795
75% Q3	768
50% Median	699
25% Q1	668
10%	629
5%	618
1%	618
0% Min	618

```
Stem Leaf                     #             Boxplot                                   Normal Probability Plot
  83 6                        1                |                     835+                                          * ++
  82                                           |                        |                                           +
  81                                           |                        |                                         ++
  80                                           |                        |                                       ++
  79 5                        1                |                        |                                      *
  78 11                       2                |                        |                                 * *++
  77                                           |                        |                                  ++
  76 8                        1             +-----+                     |                               * +
  75 1                        1             |     |                     |                             * ++
  74                                        |     |                     |                             ++
  73                                        |     |                     |                            +
  72 2                        1             |     |                     725+                        ++*
  71 33                       2             |  +  |                        |                       +* *
  70                                        |     |                        |                      +
  69 9                        1             *-----*                        |                    ++ *
  68 66                       2             |     |                        |                  ++* *
  67 77                       2             |     |                        |                 +**
  66 8                        1             +-----+                        |               +*
  65 48                       2                |                           |             *+*
  64                                           |                           |             +
  63                                           |                           |           ++
  62 9                        1                |                           |         +*
  61 8                        1                |                           615+      * +
     ----+----+----+----+                                                      +----+----+----+----+----+----+----+----+----+----+
 Multiply Stem.Leaf by 10**+1                                                     -2        -1         0         +1        +2
```

FREQUENCY DISTRIBUTION - SCALE SCORES
TELPAS SPRING 2011
READING
PAPER TESTED STUDENTS
GRADE 11

SCALE_SCORE	Freq	Cum. Freq	Percent	Cum. Percent
618	1	1	5.26	5.26
629	1	2	5.26	10.53
654	1	3	5.26	15.79
658	1	4	5.26	21.05
668	1	5	5.26	26.32
677	2	7	10.53	36.84
686	2	9	10.53	47.37
699	1	10	5.26	52.63
713	2	12	10.53	63.16
722	1	13	5.26	68.42
751	1	14	5.26	73.68
768	1	15	5.26	78.95
781	2	17	10.53	89.47
795	1	18	5.26	94.74
836	1	19	5.26	100.00



Frequency

DESCRIPTIVE STATISTICS - SCALE SCORES
TELPAS SPRING 2011
READING
PAPER TESTED STUDENTS
GRADE 12

N	9		
Mean	720.00	Median	731.00
Std deviation	41.99	Variance	1763.25
Skewness	-1.0432	Kurtosis	-0.2200
Mode		Std Error Mean	13.9970
Range	113.00	Interquartile Range	38.00

Quantile	Estimate
100% Max	762
99%	762
95%	762
90%	762
75% Q3	751
50% Median	731
25% Q1	713
10%	649
5%	649
1%	649
0% Min	649

```
Stem Leaf                     #             Boxplot                                 Normal Probability Plot
  76 2                        1                |                  762.5+                                  +    *
  75 7                        1                |                       |                                 *
  75 1                        1             +-----+                   |                              * +
  74                                        |     |                   |                              ++
  74 1                        1             |     |                   |                            * +
  73                                        |     |                   |                             +
  73 1                        1             *-----*                   |                         *  +
  72                                        |     |                   |                           +
  72 2                        1             |  +  |                   |                      *  ++
  71                                        |     |                   |                        +
  71 3                        1             +-----+                   |                   *   +
  70                                                                  |                      +
  70                                                                  |                     +
  69                                                                  |                    +
  69                                                                  |                  ++
  68                                                                  |                 +
  68                                                                  |                +
  67                                                                  |               +
  67                                                                  |              +
  66                                                                  |            ++
  66                                                                  |           +
  65                                                                  |          +
  65 4                        1                0                      |         +      *
  64 9                        1                0                 647.5+        + *
     ----+----+----+----+                                                +----+----+----+----+----+----+----+----+----+----+
 Multiply Stem.Leaf by 10**+1                                                -2        -1         0        +1        +2
```

FREQUENCY DISTRIBUTION - SCALE SCORES
TELPAS SPRING 2011
READING
PAPER TESTED STUDENTS
GRADE 12

SCALE_SCORE		Freq	Cum. Freq	Percent	Cum. Percent
649	**********	1	1	11.11	11.11
654	**********	1	2	11.11	22.22
713	**********	1	3	11.11	33.33
722	**********	1	4	11.11	44.44
731	**********	1	5	11.11	55.56
741	**********	1	6	11.11	66.67
751	**********	1	7	11.11	77.78
757	**********	1	8	11.11	88.89
762	**********	1	9	11.11	100.00

Frequency