



# Appendix F

## End-of-Course Statistical Tables



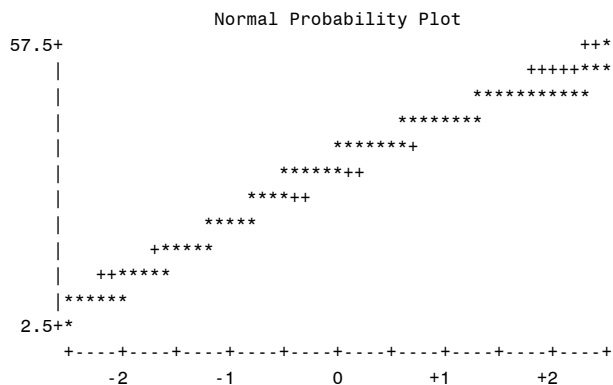
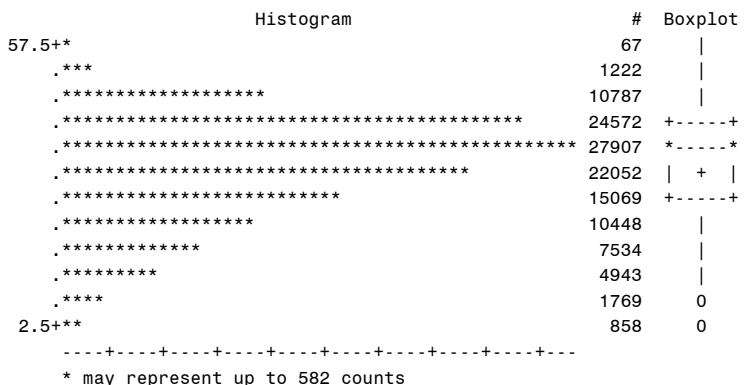
**End-of-Course  
2011 Scale Distributions  
and Statistics  
by Subject and Grade**



DESCRIPTIVE STATISTICS - RAW SCORES  
 EOC SPRING 2011  
 ENGLISH I - READING  
 ALL STUDENTS

N	127228		
Mean	32.87	Median	35.00
Std deviation	10.04	Variance	100.70
Skewness	-0.7045	Kurtosis	0.0732
Mode	39.00	Std Error Mean	0.0281
Range	56.00	Interquartile Range	13.00

Quantile	Estimate
100% Max	56
99%	50
95%	46
90%	44
75% Q3	40
50% Median	35
25% Q1	27
10%	18
5%	14
1%	7
0% Min	0



FREQUENCY DISTRIBUTION - RAW SCORES  
 EOC SPRING 2011  
 ENGLISH I - READING  
 ALL STUDENTS

RAW_SCORE		Freq	Cum. Freq	Percent	Cum. Percent
0	*****	625	625	0.49	0.49
1		32	657	0.03	0.52
2	*	38	695	0.03	0.55
3	*	78	773	0.06	0.61
4	*	85	858	0.07	0.67
5	**	138	996	0.11	0.78
6	***	248	1244	0.19	0.98
7	****	329	1573	0.26	1.24
8	*****	427	2000	0.34	1.57
9	*****	627	2627	0.49	2.06
10	*****	755	3382	0.59	2.66
11	*****	907	4289	0.71	3.37
12	*****	986	5275	0.77	4.15
13	*****	1053	6328	0.83	4.97
14	*****	1242	7570	0.98	5.95
15	*****	1338	8908	1.05	7.00
16	*****	1389	10297	1.09	8.09
17	*****	1475	11772	1.16	9.25
18	*****	1608	13380	1.26	10.52
19	*****	1724	15104	1.36	11.87
20	*****	1833	16937	1.44	13.31
21	*****	1951	18888	1.53	14.85
22	*****	2048	20936	1.61	16.46
23	*****	2194	23130	1.72	18.18
24	*****	2422	25552	1.90	20.08
25	*****	2560	28112	2.01	22.10
26	*****	2711	30823	2.13	24.23
27	*****	2987	33810	2.35	26.57
28	*****	3282	37092	2.58	29.15
29	*****	3529	40621	2.77	31.93
30	*****	3731	44352	2.93	34.86
31	*****	4110	48462	3.23	38.09
32	*****	4518	52980	3.55	41.64
33	*****	4726	57706	3.71	45.36
34	*****	4967	62673	3.90	49.26
35	*****	5205	67878	4.09	53.35
36	*****	5600	73478	4.40	57.75
37	*****	5629	79107	4.42	62.18
38	*****	5666	84773	4.45	66.63
39	*****	5807	90580	4.56	71.20
40	*****	5632	96212	4.43	75.62
41	*****	5443	101655	4.28	79.90
42	*****	5068	106723	3.98	83.88
43	*****	4571	111294	3.59	87.48
44	*****	3858	115152	3.03	90.51
45	*****	3393	118545	2.67	93.18
46	*****	2801	121346	2.20	95.38
47	*****	2098	123444	1.65	97.03
48	*****	1502	124946	1.18	98.21
49	*****	993	125939	0.78	98.99
50	*****	521	126460	0.41	99.40
51	****	288	126748	0.23	99.62
52	***	226	126974	0.18	99.80
53	**	137	127111	0.11	99.91
54	*	50	127161	0.04	99.95
55	*	40	127201	0.03	99.98
56		27	127228	0.02	100.00

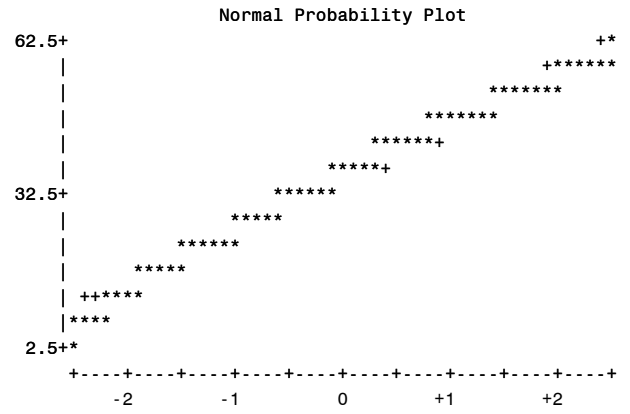
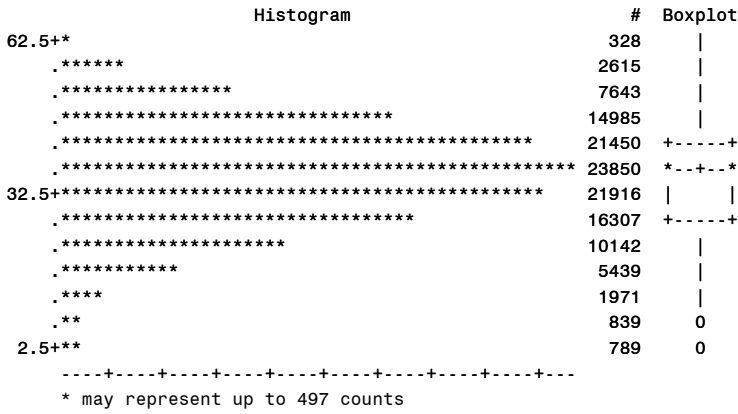
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 600    1200    1800    2400    3000    3600    4200    4800    5400

Frequency

DESCRIPTIVE STATISTICS - RAW SCORES  
 EOC SPRING 2011  
 ENGLISH I - WRITING  
 ALL STUDENTS

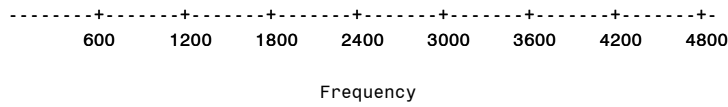
N	128274	Median	36.00
Mean	35.41	Variance	109.97
Std deviation	10.49	Kurtosis	0.1028
Skewness	-0.3377	Std Error Mean	0.0293
Mode	37.00	Interquartile Range	14.00
Range	62.00		

Quantile	Estimate
100% Max	62
99%	57
95%	52
90%	49
75% Q3	43
50% Median	36
25% Q1	29
10%	22
5%	18
1%	8
0% Min	0



FREQUENCY DISTRIBUTION - RAW SCORES  
EOC SPRING 2011  
ENGLISH I - WRITING  
ALL STUDENTS

RAW_SCORE	Freq	Cum. Freq	Percent	Cum. Percent
0	604	604	0.47	0.47
1	31	635	0.02	0.50
2	26	661	0.02	0.52
3	32	693	0.02	0.54
4	96	789	0.07	0.62
5	75	864	0.06	0.67
6	142	1006	0.11	0.78
7	163	1169	0.13	0.91
8	238	1407	0.19	1.10
9	221	1628	0.17	1.27
10	272	1900	0.21	1.48
11	317	2217	0.25	1.73
12	376	2593	0.29	2.02
13	446	3039	0.35	2.37
14	560	3599	0.44	2.81
15	660	4259	0.51	3.32
16	889	5148	0.69	4.01
17	1163	6311	0.91	4.92
18	1292	7603	1.01	5.93
19	1435	9038	1.12	7.05
20	1699	10737	1.32	8.37
21	1706	12443	1.33	9.70
22	2043	14486	1.59	11.29
23	2208	16694	1.72	13.01
24	2486	19180	1.94	14.95
25	2746	21926	2.14	17.09
26	3004	24930	2.34	19.43
27	3233	28163	2.52	21.96
28	3525	31688	2.75	24.70
29	3799	35487	2.96	27.66
30	4017	39504	3.13	30.80
31	4164	43668	3.25	34.04
32	4373	48041	3.41	37.45
33	4595	52636	3.58	41.03
34	4767	57403	3.72	44.75
35	4786	62189	3.73	48.48
36	4761	66950	3.71	52.19
37	4866	71816	3.79	55.99
38	4741	76557	3.70	59.68
39	4696	81253	3.66	63.34
40	4564	85817	3.56	66.90
41	4458	90275	3.48	70.38
42	4375	94650	3.41	73.79
43	4105	98755	3.20	76.99
44	3948	102703	3.08	80.07
45	3657	106360	2.85	82.92
46	3219	109579	2.51	85.43
47	2924	112503	2.28	87.71
48	2737	115240	2.13	89.84
49	2448	117688	1.91	91.75
50	2035	119723	1.59	93.33
51	1749	121472	1.36	94.70
52	1593	123065	1.24	95.94
53	1227	124292	0.96	96.90
54	1039	125331	0.81	97.71
55	797	126128	0.62	98.33
56	690	126818	0.54	98.86
57	463	127281	0.36	99.23
58	394	127675	0.31	99.53
59	271	127946	0.21	99.74
60	160	128106	0.12	99.87
61	94	128200	0.07	99.94
62	74	128274	0.06	100.00

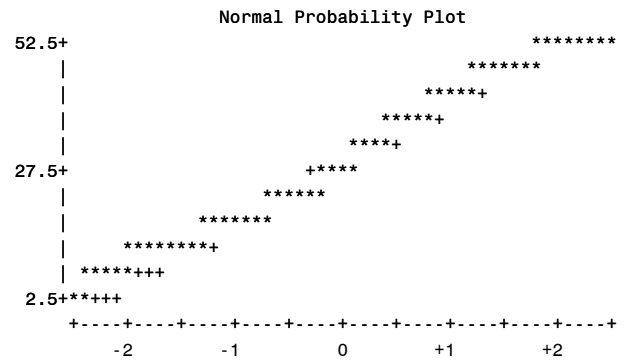
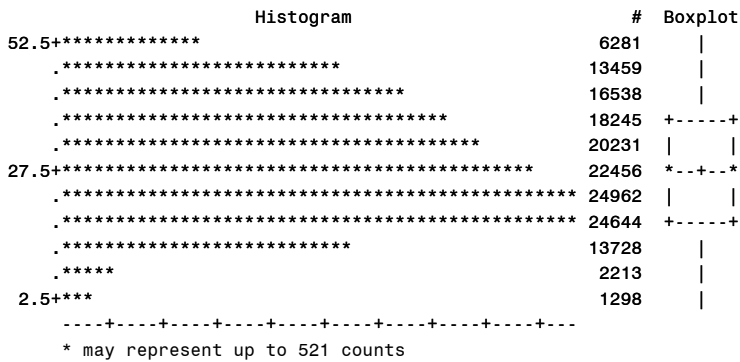




DESCRIPTIVE STATISTICS - RAW SCORES  
 EOC SPRING 2011  
 ALGEBRA I  
 ALL STUDENTS

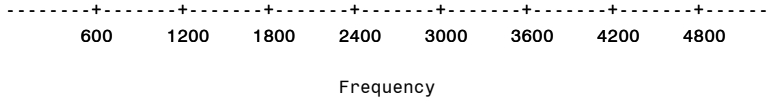
N	164055	Median	28.00
Mean	28.84	Variance	136.94
Std deviation	11.70	Kurtosis	-0.8491
Skewness	0.1517	Std Error Mean	0.0289
Mode	18.00	Interquartile Range	19.00
Range	54.00		

Quantile	Estimate
100% Max	54
99%	52
95%	49
90%	46
75% Q3	38
50% Median	28
25% Q1	19
10%	14
5%	12
1%	7
0% Min	0



FREQUENCY DISTRIBUTION - RAW SCORES  
EOC SPRING 2011  
ALGEBRA I  
ALL STUDENTS

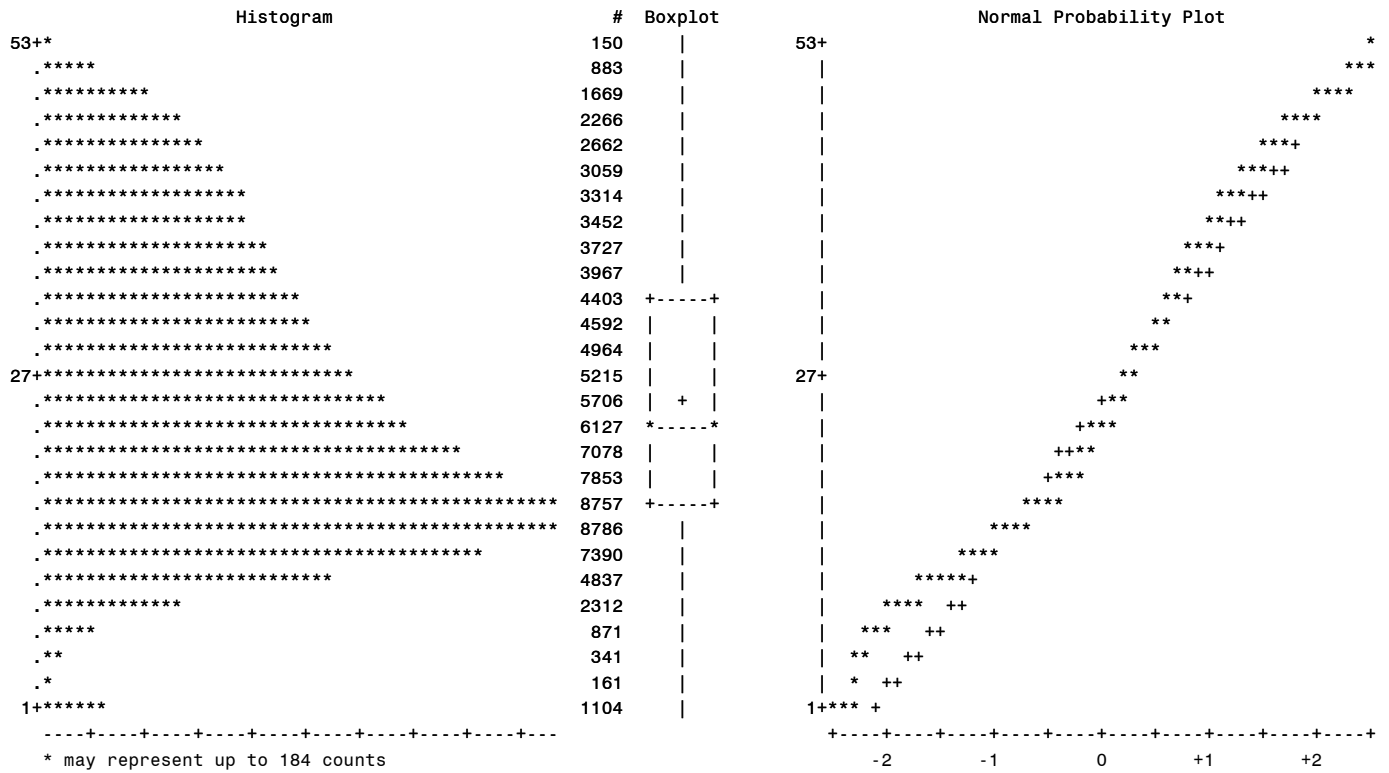
RAW_SCORE		Freq	Cum. Freq	Percent	Cum. Percent
0	*****	1060	1060	0.65	0.65
1	*	50	1110	0.03	0.68
2	*	42	1152	0.03	0.70
3	*	61	1213	0.04	0.74
4	*	85	1298	0.05	0.79
5	**	141	1439	0.09	0.88
6	***	198	1637	0.12	1.00
7	****	331	1968	0.20	1.20
8	*****	545	2513	0.33	1.53
9	*****	998	3511	0.61	2.14
10	*****	1451	4962	0.88	3.02
11	*****	2078	7040	1.27	4.29
12	*****	2706	9746	1.65	5.94
13	*****	3440	13186	2.10	8.04
14	*****	4053	17239	2.47	10.51
15	*****	4473	21712	2.73	13.23
16	*****	4790	26502	2.92	16.15
17	*****	4983	31485	3.04	19.19
18	*****	5224	36709	3.18	22.38
19	*****	5174	41883	3.15	25.53
20	*****	5085	46968	3.10	28.63
21	*****	5168	52136	3.15	31.78
22	*****	5076	57212	3.09	34.87
23	*****	4872	62084	2.97	37.84
24	*****	4761	66845	2.90	40.75
25	*****	4792	71637	2.92	43.67
26	*****	4612	76249	2.81	46.48
27	*****	4496	80745	2.74	49.22
28	*****	4351	85096	2.65	51.87
29	*****	4205	89301	2.56	54.43
30	*****	4305	93606	2.62	57.06
31	*****	4103	97709	2.50	59.56
32	*****	4064	101773	2.48	62.04
33	*****	3922	105695	2.39	64.43
34	*****	3837	109532	2.34	66.77
35	*****	3714	113246	2.26	69.03
36	*****	3772	117018	2.30	71.33
37	*****	3666	120684	2.23	73.56
38	*****	3548	124232	2.16	75.73
39	*****	3545	127777	2.16	77.89
40	*****	3464	131241	2.11	80.00
41	*****	3400	134641	2.07	82.07
42	*****	3455	138096	2.11	84.18
43	*****	3150	141246	1.92	86.10
44	*****	3069	144315	1.87	87.97
45	*****	3014	147329	1.84	89.80
46	*****	2900	150229	1.77	91.57
47	*****	2789	153018	1.70	93.27
48	*****	2454	155472	1.50	94.77
49	*****	2302	157774	1.40	96.17
50	*****	2005	159779	1.22	97.39
51	*****	1739	161518	1.06	98.45
52	*****	1288	162806	0.79	99.24
53	*****	850	163656	0.52	99.76
54	*****	399	164055	0.24	100.00



DESCRIPTIVE STATISTICS - RAW SCORES  
 EOC SPRING 2011  
 GEOMETRY  
 ALL STUDENTS

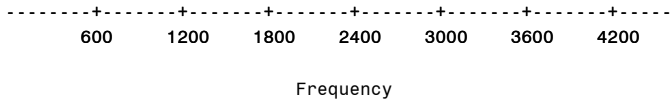
N	105646	Median	23.00
Mean	24.61	Variance	127.11
Std deviation	11.27	Kurtosis	-0.6702
Skewness	0.4019	Std Error Mean	0.0347
Mode	16.00	Interquartile Range	17.00
Range	52.00		

Quantile	Estimate
100% Max	52
99%	49
95%	45
90%	42
75% Q3	33
50% Median	23
25% Q1	16
10%	12
5%	10
1%	0
0% Min	0



FREQUENCY DISTRIBUTION - RAW SCORES  
EOC SPRING 2011  
GEOMETRY  
ALL STUDENTS

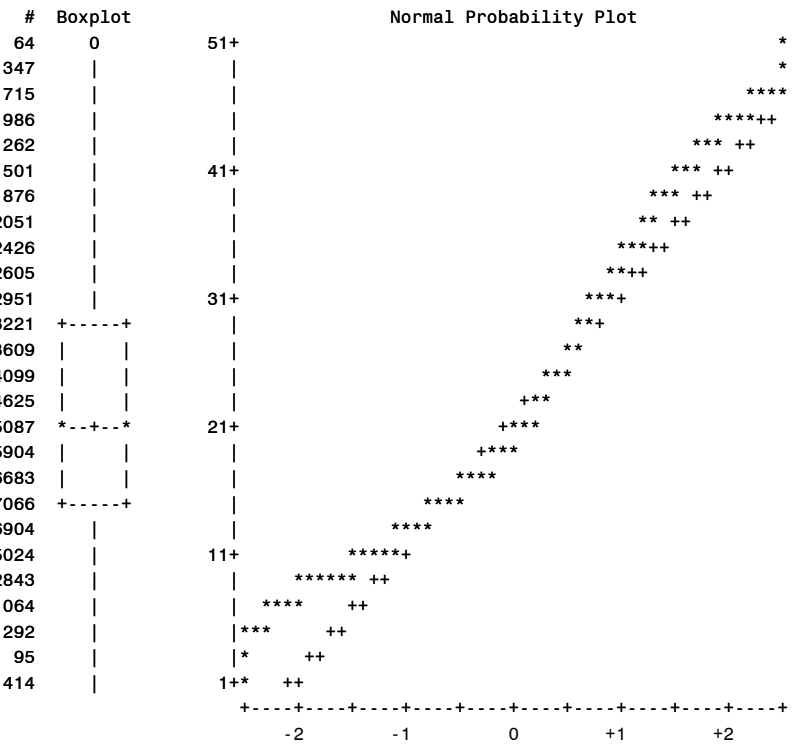
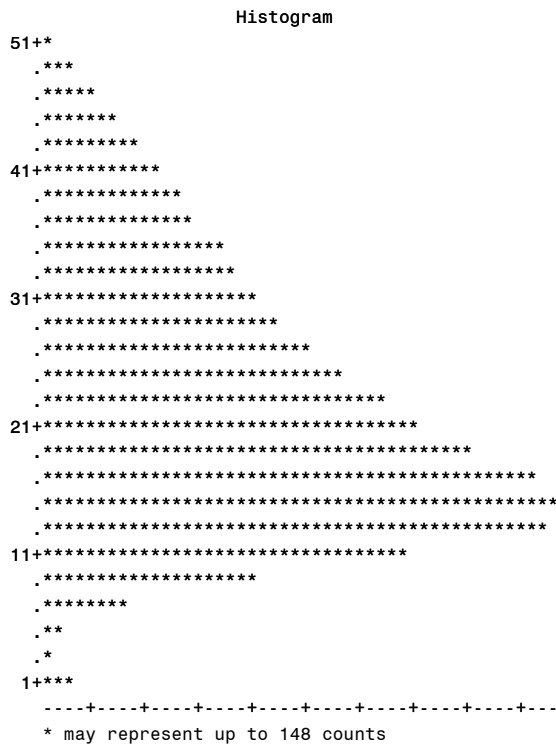
RAW_SCORE		Freq	Cum. Freq	Percent	Cum. Percent
0	*****	1058	1058	1.00	1.00
1	*	46	1104	0.04	1.04
2	*	69	1173	0.07	1.11
3	*	92	1265	0.09	1.20
4	**	139	1404	0.13	1.33
5	***	202	1606	0.19	1.52
6	****	347	1953	0.33	1.85
7	*****	524	2477	0.50	2.34
8	*****	902	3379	0.85	3.20
9	*****	1410	4789	1.33	4.53
10	*****	2079	6868	1.97	6.50
11	*****	2758	9626	2.61	9.11
12	*****	3439	13065	3.26	12.37
13	*****	3951	17016	3.74	16.11
14	*****	4315	21331	4.08	20.19
15	*****	4471	25802	4.23	24.42
16	*****	4570	30372	4.33	28.75
17	*****	4187	34559	3.96	32.71
18	*****	4087	38646	3.87	36.58
19	*****	3766	42412	3.56	40.15
20	*****	3649	46061	3.45	43.60
21	*****	3429	49490	3.25	46.85
22	*****	3139	52629	2.97	49.82
23	*****	2988	55617	2.83	52.64
24	*****	2948	58565	2.79	55.44
25	*****	2758	61323	2.61	58.05
26	*****	2604	63927	2.46	60.51
27	*****	2611	66538	2.47	62.98
28	*****	2593	69131	2.45	65.44
29	*****	2371	71502	2.24	67.68
30	*****	2305	73807	2.18	69.86
31	*****	2287	76094	2.16	72.03
32	*****	2253	78347	2.13	74.16
33	*****	2150	80497	2.04	76.20
34	*****	2012	82509	1.90	78.10
35	*****	1955	84464	1.85	79.95
36	*****	1887	86351	1.79	81.74
37	*****	1840	88191	1.74	83.48
38	*****	1769	89960	1.67	85.15
39	*****	1683	91643	1.59	86.75
40	*****	1712	93355	1.62	88.37
41	*****	1602	94957	1.52	89.88
42	*****	1625	96582	1.54	91.42
43	*****	1434	98016	1.36	92.78
44	*****	1372	99388	1.30	94.08
45	*****	1290	100678	1.22	95.30
46	*****	1184	101862	1.12	96.42
47	*****	1082	102944	1.02	97.44
48	*****	900	103844	0.85	98.29
49	*****	769	104613	0.73	99.02
50	*****	556	105169	0.53	99.55
51	***	327	105496	0.31	99.86
52	**	150	105646	0.14	100.00



DESCRIPTIVE STATISTICS - RAW SCORES  
 EOC SPRING 2011  
 ALGEBRA II  
 ALL STUDENTS

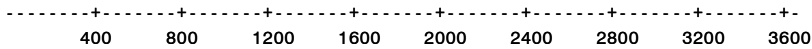
N	73714	Median	20.00
Mean	21.80	Variance	100.05
Std deviation	10.00	Kurtosis	-0.3494
Skewness	0.6042	Std Error Mean	0.0368
Mode	14.00	Interquartile Range	14.00
Range	50.00		

Quantile	Estimate
100% Max	50
99%	46
95%	41
90%	37
75% Q3	28
50% Median	20
25% Q1	14
10%	11
5%	9
1%	5
0% Min	0



FREQUENCY DISTRIBUTION - RAW SCORES  
 EOC SPRING 2011  
 ALGEBRA II  
 ALL STUDENTS

RAW_SCORE		Freq	Cum. Freq	Percent	Cum. Percent
0	*****	385	385	0.52	0.52
1	*	29	414	0.04	0.56
2	*	31	445	0.04	0.60
3	*	64	509	0.09	0.69
4	**	94	603	0.13	0.82
5	****	198	801	0.27	1.09
6	*****	380	1181	0.52	1.60
7	*****	684	1865	0.93	2.53
8	*****	1151	3016	1.56	4.09
9	*****	1692	4708	2.30	6.39
10	*****	2213	6921	3.00	9.39
11	*****	2811	9732	3.81	13.20
12	*****	3262	12994	4.43	17.63
13	*****	3642	16636	4.94	22.57
14	*****	3646	20282	4.95	27.51
15	*****	3420	23702	4.64	32.15
16	*****	3498	27200	4.75	36.90
17	*****	3185	30385	4.32	41.22
18	*****	3065	33450	4.16	45.38
19	*****	2839	36289	3.85	49.23
20	*****	2661	38950	3.61	52.84
21	*****	2426	41376	3.29	56.13
22	*****	2425	43801	3.29	59.42
23	*****	2200	46001	2.98	62.40
24	*****	2098	48099	2.85	65.25
25	*****	2001	50100	2.71	67.97
26	*****	1859	51959	2.52	70.49
27	*****	1750	53709	2.37	72.86
28	*****	1672	55381	2.27	75.13
29	*****	1549	56930	2.10	77.23
30	*****	1509	58439	2.05	79.28
31	*****	1442	59881	1.96	81.23
32	*****	1338	61219	1.82	83.05
33	*****	1267	62486	1.72	84.77
34	*****	1223	63709	1.66	86.43
35	*****	1203	64912	1.63	88.06
36	*****	1030	65942	1.40	89.46
37	*****	1021	66963	1.39	90.84
38	*****	976	67939	1.32	92.17
39	*****	900	68839	1.22	93.39
40	*****	776	69615	1.05	94.44
41	*****	725	70340	0.98	95.42
42	*****	687	71027	0.93	96.35
43	*****	575	71602	0.78	97.13
44	*****	527	72129	0.71	97.85
45	*****	459	72588	0.62	98.47
46	*****	400	72988	0.54	99.02
47	****	315	73303	0.43	99.44
48	****	199	73502	0.27	99.71
49	***	148	73650	0.20	99.91
50	*	64	73714	0.09	100.00

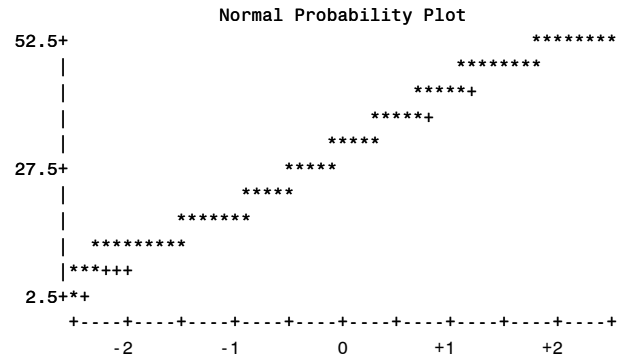
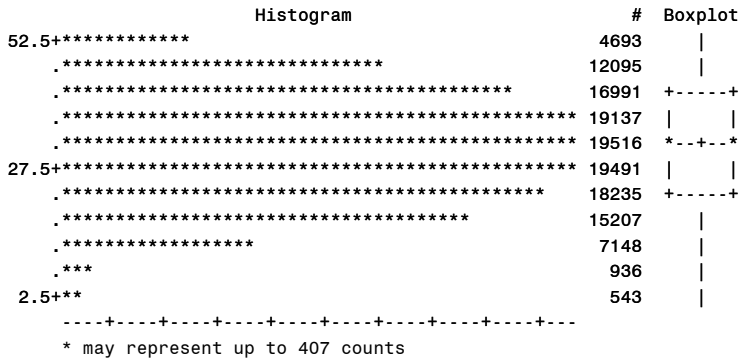


Frequency

DESCRIPTIVE STATISTICS - RAW SCORES  
EOC SPRING 2011  
BIOLOGY  
ALL STUDENTS

N	133992		
Mean	30.87	Median	31.00
Std deviation	10.95	Variance	119.83
Skewness	-0.0462	Kurtosis	-0.8034
Mode	31.00	Std Error Mean	0.0299
Range	54.00	Interquartile Range	18.00

Quantile	Estimate
100% Max	54
99%	52
95%	48
90%	46
75% Q3	40
50% Median	31
25% Q1	22
10%	16
5%	14
1%	9
0% Min	0



FREQUENCY DISTRIBUTION - RAW SCORES  
EOC SPRING 2011  
BIOLOGY  
ALL STUDENTS

RAW_SCORE	Freq	Cum. Freq	Percent	Cum. Percent
0	465	465	0.35	0.35
1	18	483	0.01	0.36
2	16	499	0.01	0.37
3	16	515	0.01	0.38
4	28	543	0.02	0.41
5	43	586	0.03	0.44
6	68	654	0.05	0.49
7	124	778	0.09	0.58
8	286	1064	0.21	0.79
9	415	1479	0.31	1.10
10	673	2152	0.50	1.61
11	1034	3186	0.77	2.38
12	1468	4654	1.10	3.47
13	1863	6517	1.39	4.86
14	2110	8627	1.57	6.44
15	2563	11190	1.91	8.35
16	2830	14020	2.11	10.46
17	3131	17151	2.34	12.80
18	3246	20397	2.42	15.22
19	3437	23834	2.57	17.79
20	3347	27181	2.50	20.29
21	3714	30895	2.77	23.06
22	3594	34489	2.68	25.74
23	3802	38291	2.84	28.58
24	3778	42069	2.82	31.40
25	3780	45849	2.82	34.22
26	3945	49794	2.94	37.16
27	3934	53728	2.94	40.10
28	3869	57597	2.89	42.99
29	3963	61560	2.96	45.94
30	3944	65504	2.94	48.89
31	4015	69519	3.00	51.88
32	3852	73371	2.87	54.76
33	3833	77204	2.86	57.62
34	3872	81076	2.89	60.51
35	4013	85089	2.99	63.50
36	3834	88923	2.86	66.36
37	3745	92668	2.79	69.16
38	3844	96512	2.87	72.03
39	3701	100213	2.76	74.79
40	3584	103797	2.67	77.47
41	3604	107401	2.69	80.15
42	3393	110794	2.53	82.69
43	3317	114111	2.48	85.16
44	3093	117204	2.31	87.47
45	2933	120137	2.19	89.66
46	2644	122781	1.97	91.63
47	2479	125260	1.85	93.48
48	2130	127390	1.59	95.07
49	1909	129299	1.42	96.50
50	1615	130914	1.21	97.70
51	1370	132284	1.02	98.73
52	954	133238	0.71	99.44
53	529	133767	0.39	99.83
54	225	133992	0.17	100.00

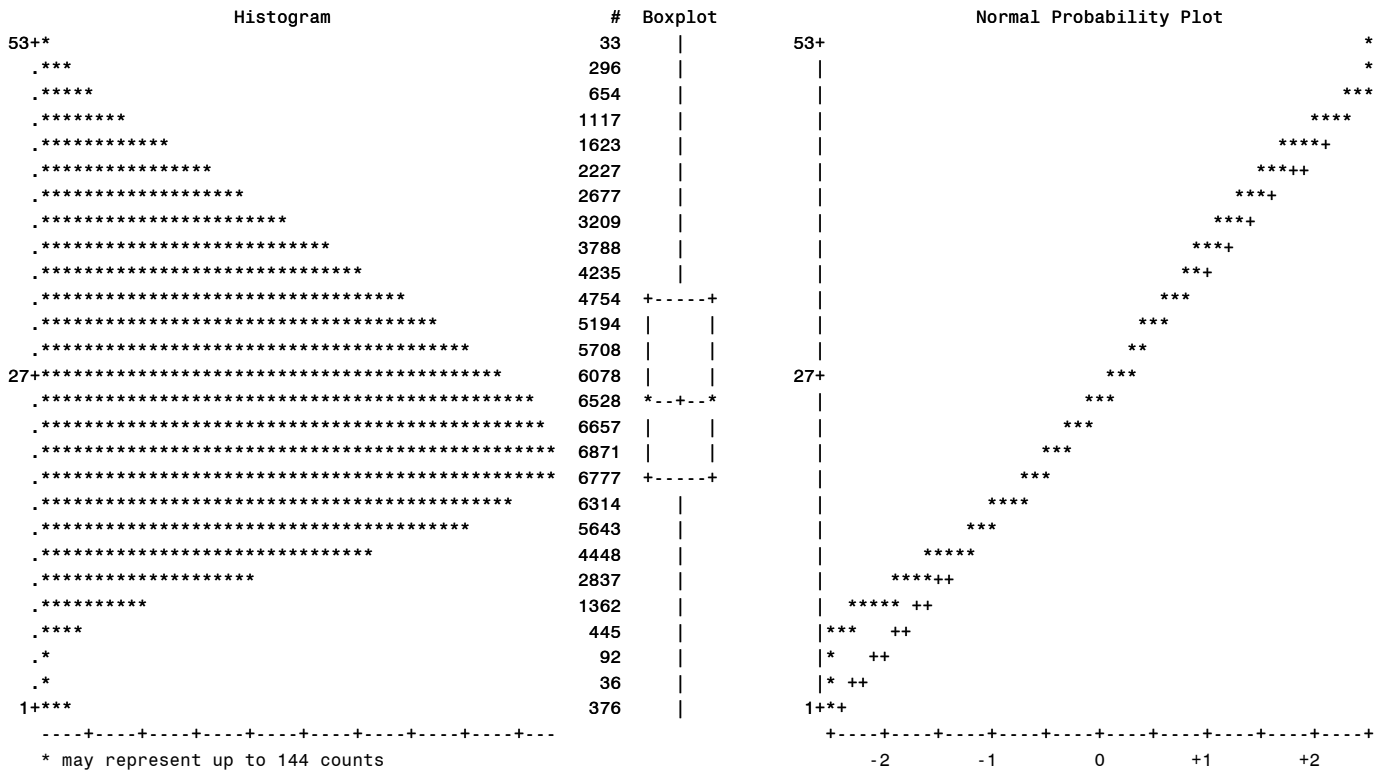
Frequency



DESCRIPTIVE STATISTICS - RAW SCORES  
 EOC SPRING 2011  
 CHEMISTRY  
 ALL STUDENTS

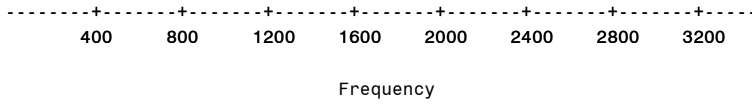
N	89979	Median	24.00
Mean	25.37	Variance	95.95
Std deviation	9.80	Kurtosis	-0.5484
Skewness	0.2801	Std Error Mean	0.0327
Mode	21.00	Interquartile Range	14.00
Range	52.00		

Quantile	Estimate
100% Max	52
99%	48
95%	43
90%	39
75% Q3	32
50% Median	24
25% Q1	18
10%	13
5%	11
1%	7
0% Min	0



FREQUENCY DISTRIBUTION - RAW SCORES  
EOC SPRING 2011  
CHEMISTRY  
ALL STUDENTS

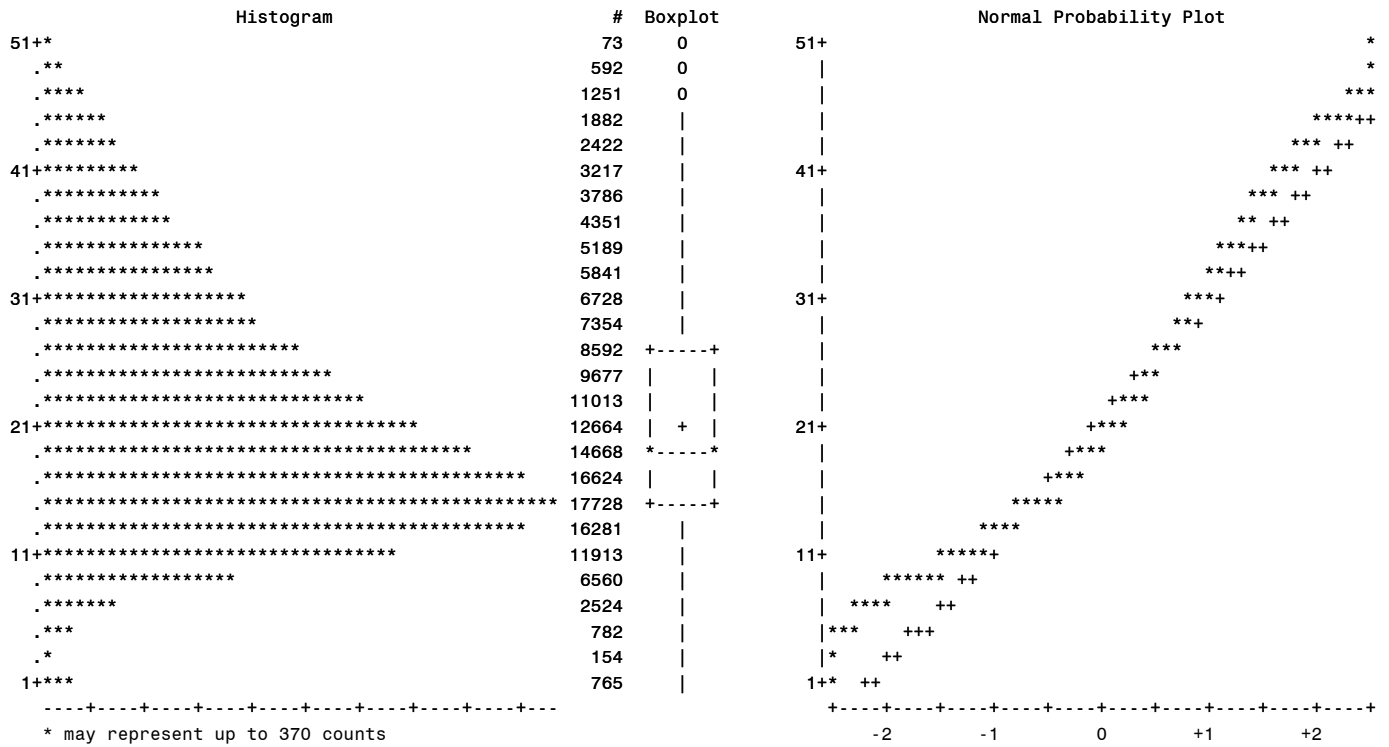
RAW_SCORE		Freq	Cum. Freq	Percent	Cum. Percent
0	*****	367	367	0.41	0.41
1		9	376	0.01	0.42
2		19	395	0.02	0.44
3		17	412	0.02	0.46
4	*	27	439	0.03	0.49
5	*	65	504	0.07	0.56
6	***	163	667	0.18	0.74
7	*****	282	949	0.31	1.05
8	*****	489	1438	0.54	1.60
9	*****	873	2311	0.97	2.57
10	*****	1195	3506	1.33	3.90
11	*****	1642	5148	1.82	5.72
12	*****	2077	7225	2.31	8.03
13	*****	2371	9596	2.64	10.66
14	*****	2698	12294	3.00	13.66
15	*****	2945	15239	3.27	16.94
16	*****	3125	18364	3.47	20.41
17	*****	3189	21553	3.54	23.95
18	*****	3424	24977	3.81	27.76
19	*****	3353	28330	3.73	31.49
20	*****	3416	31746	3.80	35.28
21	*****	3455	35201	3.84	39.12
22	*****	3345	38546	3.72	42.84
23	*****	3312	41858	3.68	46.52
24	*****	3267	45125	3.63	50.15
25	*****	3261	48386	3.62	53.77
26	*****	3096	51482	3.44	57.22
27	*****	2982	54464	3.31	60.53
28	*****	2869	57333	3.19	63.72
29	*****	2839	60172	3.16	66.87
30	*****	2717	62889	3.02	69.89
31	*****	2477	65366	2.75	72.65
32	*****	2446	67812	2.72	75.36
33	*****	2308	70120	2.57	77.93
34	*****	2167	72287	2.41	80.34
35	*****	2068	74355	2.30	82.64
36	*****	2004	76359	2.23	84.86
37	*****	1784	78143	1.98	86.85
38	*****	1697	79840	1.89	88.73
39	*****	1512	81352	1.68	90.41
40	*****	1336	82688	1.48	91.90
41	*****	1341	84029	1.49	93.39
42	*****	1201	85230	1.33	94.72
43	*****	1026	86256	1.14	95.86
44	*****	869	87125	0.97	96.83
45	*****	754	87879	0.84	97.67
46	*****	617	88496	0.69	98.35
47	*****	500	88996	0.56	98.91
48	*****	364	89360	0.40	99.31
49	*****	290	89650	0.32	99.63
50	****	190	89840	0.21	99.85
51	**	106	89946	0.12	99.96
52	*	33	89979	0.04	100.00



DESCRIPTIVE STATISTICS - RAW SCORES  
EOC SPRING 2011  
PHYSICS  
ALL STUDENTS

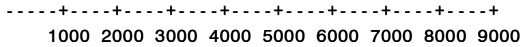
N	172631	Median	19.00
Mean	21.29	Variance	91.62
Std deviation	9.57	Kurtosis	-0.1986
Skewness	0.6598	Std Error Mean	0.0230
Mode	14.00	Interquartile Range	13.00
Range	50.00		

Quantile	Estimate
100% Max	50
99%	46
95%	40
90%	36
75% Q3	27
50% Median	19
25% Q1	14
10%	11
5%	9
1%	6
0% Min	0



FREQUENCY DISTRIBUTION - RAW SCORES  
EOC SPRING 2011  
PHYSICS  
ALL STUDENTS

RAW_SCORE		Freq	Cum. Freq	Percent	Cum. Percent
0	****	725	725	0.42	0.42
1		40	765	0.02	0.44
2		61	826	0.04	0.48
3		93	919	0.05	0.53
4	*	198	1117	0.11	0.65
5	***	584	1701	0.34	0.99
6	****	899	2600	0.52	1.51
7	*****	1625	4225	0.94	2.45
8	*****	2566	6791	1.49	3.93
9	*****	3994	10785	2.31	6.25
10	*****	5206	15991	3.02	9.26
11	*****	6707	22698	3.89	13.15
12	*****	7680	30378	4.45	17.60
13	*****	8601	38979	4.98	22.58
14	*****	8924	47903	5.17	27.75
15	*****	8804	56707	5.10	32.85
16	*****	8612	65319	4.99	37.84
17	*****	8012	73331	4.64	42.48
18	*****	7603	80934	4.40	46.88
19	*****	7065	87999	4.09	50.98
20	*****	6449	94448	3.74	54.71
21	*****	6215	100663	3.60	58.31
22	*****	5804	106467	3.36	61.67
23	*****	5209	111676	3.02	64.69
24	*****	4934	116610	2.86	67.55
25	*****	4743	121353	2.75	70.30
26	*****	4440	125793	2.57	72.87
27	*****	4152	129945	2.41	75.27
28	*****	3724	133669	2.16	77.43
29	*****	3630	137299	2.10	79.53
30	*****	3461	140760	2.00	81.54
31	*****	3267	144027	1.89	83.43
32	*****	2980	147007	1.73	85.16
33	*****	2861	149868	1.66	86.81
34	*****	2693	152561	1.56	88.37
35	*****	2496	155057	1.45	89.82
36	*****	2264	157321	1.31	91.13
37	*****	2087	159408	1.21	92.34
38	*****	2023	161431	1.17	93.51
39	*****	1763	163194	1.02	94.53
40	*****	1721	164915	1.00	95.53
41	*****	1496	166411	0.87	96.40
42	*****	1301	167712	0.75	97.15
43	*****	1121	168833	0.65	97.80
44	*****	999	169832	0.58	98.38
45	****	883	170715	0.51	98.89
46	****	714	171429	0.41	99.30
47	***	537	171966	0.31	99.61
48	**	384	172350	0.22	99.84
49	*	208	172558	0.12	99.96
50		73	172631	0.04	100.00

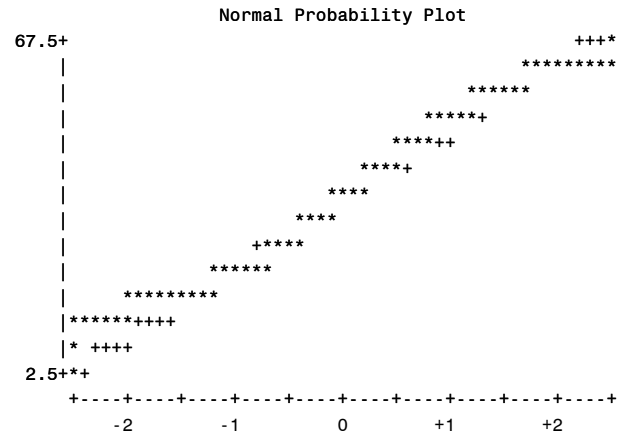
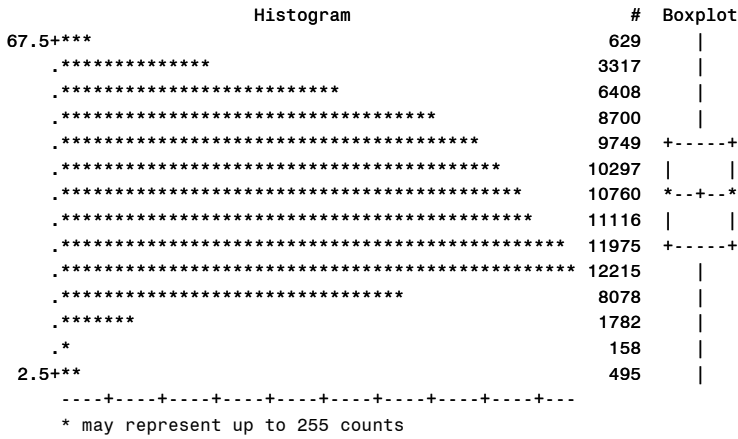


Frequency

DESCRIPTIVE STATISTICS - RAW SCORES  
 EOC SPRING 2011  
 U.S. HISTORY  
 ALL STUDENTS

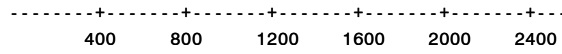
N	95679	Median	35.00
Mean	36.18	Variance	183.04
Std deviation	13.53	Kurtosis	-0.8292
Skewness	0.1162	Std Error Mean	0.0437
Mode	24.00	Interquartile Range	22.00
Range	68.00		

Quantile	Estimate
100% Max	68
99%	64
95%	59
90%	55
75% Q3	47
50% Median	35
25% Q1	25
10%	19
5%	16
1%	12
0% Min	0



FREQUENCY DISTRIBUTION - RAW SCORES  
 EOC SPRING 2011  
 U.S. HISTORY  
 ALL STUDENTS

RAW_SCORE		Freq	Cum. Freq	Percent	Cum. Percent
0	*****	453	453	0.47	0.47
1		7	460	0.01	0.48
2		11	471	0.01	0.49
3		12	483	0.01	0.50
4		12	495	0.01	0.52
5		14	509	0.01	0.53
6	*	25	534	0.03	0.56
7	*	26	560	0.03	0.59
8	*	42	602	0.04	0.63
9	*	51	653	0.05	0.68
10	**	108	761	0.11	0.80
11	***	172	933	0.18	0.98
12	*****	316	1249	0.33	1.31
13	*****	450	1699	0.47	1.78
14	*****	736	2435	0.77	2.54
15	*****	1020	3455	1.07	3.61
16	*****	1421	4876	1.49	5.10
17	*****	1648	6524	1.72	6.82
18	*****	1899	8423	1.98	8.80
19	*****	2090	10513	2.18	10.99
20	*****	2254	12767	2.36	13.34
21	*****	2337	15104	2.44	15.79
22	*****	2513	17617	2.63	18.41
23	*****	2555	20172	2.67	21.08
24	*****	2556	22728	2.67	23.75
25	*****	2476	25204	2.59	26.34
26	*****	2461	27665	2.57	28.91
27	*****	2498	30163	2.61	31.53
28	*****	2281	32444	2.38	33.91
29	*****	2259	34703	2.36	36.27
30	*****	2259	36962	2.36	38.63
31	*****	2299	39261	2.40	41.03
32	*****	2209	41470	2.31	43.34
33	*****	2165	43635	2.26	45.61
34	*****	2184	45819	2.28	47.89
35	*****	2186	48005	2.28	50.17
36	*****	2144	50149	2.24	52.41
37	*****	2135	52284	2.23	54.65
38	*****	2154	54438	2.25	56.90
39	*****	2141	56579	2.24	59.13
40	*****	2102	58681	2.20	61.33
41	*****	2026	60707	2.12	63.45
42	*****	2074	62781	2.17	65.62
43	*****	2075	64856	2.17	67.78
44	*****	2020	66876	2.11	69.90
45	*****	1994	68870	2.08	71.98
46	*****	2061	70931	2.15	74.13
47	*****	2014	72945	2.10	76.24
48	*****	1878	74823	1.96	78.20
49	*****	1802	76625	1.88	80.09
50	*****	1869	78494	1.95	82.04
51	*****	1837	80331	1.92	83.96
52	*****	1703	82034	1.78	85.74
53	*****	1738	83772	1.82	87.56
54	*****	1553	85325	1.62	89.18
55	*****	1476	86801	1.54	90.72
56	*****	1393	88194	1.46	92.18
57	*****	1303	89497	1.36	93.54
58	*****	1177	90674	1.23	94.77
59	*****	1059	91733	1.11	95.88
60	*****	938	92671	0.98	96.86
61	*****	781	93452	0.82	97.67
62	*****	657	94109	0.69	98.36
63	*****	542	94651	0.57	98.93
64	*****	399	95050	0.42	99.34
65	*****	316	95366	0.33	99.67
66	***	168	95534	0.18	99.85
67	**	111	95645	0.12	99.96
68	*	34	95679	0.04	100.00



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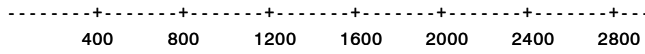
Frequency





FREQUENCY DISTRIBUTION - RAW SCORES  
 EOC SPRING 2011  
 WORLD GEOGRAPHY  
 ALL STUDENTS

RAW_SCORE		Freq	Cum. Freq	Percent	Cum. Percent
0	*****	453	453	0.38	0.38
1		8	461	0.01	0.39
2		6	467	0.01	0.39
3		5	472	0.00	0.40
4		13	485	0.01	0.41
5		6	491	0.01	0.41
6		6	497	0.01	0.42
7		24	521	0.02	0.44
8		15	536	0.01	0.45
9	*	31	567	0.03	0.48
10	*	63	630	0.05	0.53
11	**	105	735	0.09	0.62
12	***	163	898	0.14	0.75
13	****	262	1160	0.22	0.97
14	*****	391	1551	0.33	1.30
15	*****	605	2156	0.51	1.81
16	*****	720	2876	0.60	2.41
17	*****	918	3794	0.77	3.18
18	*****	1164	4958	0.98	4.16
19	*****	1398	6356	1.17	5.33
20	*****	1537	7893	1.29	6.62
21	*****	1773	9666	1.49	8.11
22	*****	1993	11659	1.67	9.78
23	*****	2063	13722	1.73	11.51
24	*****	2179	15901	1.83	13.34
25	*****	2301	18202	1.93	15.27
26	*****	2272	20474	1.91	17.18
27	*****	2448	22922	2.05	19.23
28	*****	2418	25340	2.03	21.26
29	*****	2448	27788	2.05	23.31
30	*****	2544	30332	2.13	25.45
31	*****	2574	32906	2.16	27.61
32	*****	2524	35430	2.12	29.73
33	*****	2549	37979	2.14	31.86
34	*****	2531	40510	2.12	33.99
35	*****	2495	43005	2.09	36.08
36	*****	2546	45551	2.14	38.22
37	*****	2592	48143	2.17	40.39
38	*****	2640	50783	2.21	42.61
39	*****	2531	53314	2.12	44.73
40	*****	2677	55991	2.25	46.98
41	*****	2633	58624	2.21	49.18
42	*****	2641	61265	2.22	51.40
43	*****	2632	63897	2.21	53.61
44	*****	2615	66512	2.19	55.80
45	*****	2727	69239	2.29	58.09
46	*****	2739	71978	2.30	60.39
47	*****	2730	74708	2.29	62.68
48	*****	2737	77445	2.30	64.98
49	*****	2649	80094	2.22	67.20
50	*****	2793	82887	2.34	69.54
51	*****	2816	85703	2.36	71.90
52	*****	2806	88509	2.35	74.26
53	*****	2957	91466	2.48	76.74
54	*****	2844	94310	2.39	79.13
55	*****	2830	97140	2.37	81.50
56	*****	2825	99965	2.37	83.87
57	*****	2748	102713	2.31	86.18
58	*****	2715	105428	2.28	88.45
59	*****	2594	108022	2.18	90.63
60	*****	2368	110390	1.99	92.62
61	*****	2205	112595	1.85	94.47
62	*****	1867	114462	1.57	96.03
63	*****	1579	116041	1.32	97.36
64	*****	1313	117354	1.10	98.46
65	*****	901	118255	0.76	99.21
66	*****	555	118810	0.47	99.68
67	*****	302	119112	0.25	99.93
68	**	79	119191	0.07	100.00



400 800 1200 1600 2000 2400 2800

Frequency

**End-of-Course  
2011 Mean P-Values and  
Internal Consistency Values  
By Objective and  
Subject Area**



### EOC - ENGLISH (SPRING 2011) Total Group

<b>Subject</b>	<b>Test Objective</b>	<b>K<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean<sup>3</sup> P-Value</b>
English I Reading	COMPLETE SUBTEST	38	118122	26.172	7.602	0.865	2.793	68.873
	Understanding/Analysis Across Genres	08	118122	5.230	1.969	0.570	1.291	65.375
	Understanding/Analysis of Literary Texts	16	118122	11.238	3.561	0.745	1.798	70.237
	Understanding/Analysis Informational Texts	14	118122	9.704	2.952	0.664	1.711	69.314
English I Writing	COMPLETE SUBTEST	30	026574	19.867	5.671	0.833	2.317	66.223
	Revision	15	026574	10.246	2.886	0.688	1.612	68.306
	Editing	15	026574	9.620	3.387	0.766	1.638	64.133

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

### EOC - ENGLISH (SPRING 2011) Female

<b>Subject</b>	<b>Test Objective</b>	<b>K<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean<sup>3</sup> P-Value</b>
English I Reading	COMPLETE SUBTEST	38	058231	27.141	7.108	0.843	2.816	71.423
	Understanding/Analysis Across Genres	08	058231	5.518	1.868	0.509	1.309	68.975
	Understanding/Analysis of Literary Texts	16	058231	11.624	3.320	0.701	1.815	72.650
	Understanding/Analysis Informational Texts	14	058231	9.998	2.822	0.628	1.721	71.414
English I Writing	COMPLETE SUBTEST	30	013260	20.408	5.542	0.830	2.285	68.026
	Revision	15	013260	10.304	2.808	0.673	1.606	68.693
	Editing	15	013260	10.104	3.300	0.764	1.603	67.360

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

**EOC - ENGLISH (SPRING 2011) Male**

<b>Subject</b>	<b>Test Objective</b>	<b>K<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean<sup>3</sup> P-Value</b>
English I Reading	COMPLETE SUBTEST	38	059885	25.231	7.941	0.878	2.774	66.397
	Understanding/Analysis Across Genres	08	059885	4.950	2.024	0.601	1.278	61.875
	Understanding/Analysis of Literary Texts	16	059885	10.863	3.743	0.773	1.783	67.893
	Understanding/Analysis Informational Texts	14	059885	9.418	3.046	0.688	1.701	67.271
English I Writing	COMPLETE SUBTEST	30	013314	19.327	5.746	0.834	2.341	64.423
	Revision	15	013314	10.189	2.960	0.701	1.619	67.926
	Editing	15	013314	9.139	3.404	0.759	1.671	60.926

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

### EOC - ENGLISH (SPRING 2011) Hispanic/Latino

<b>Subject</b>	<b>Test Objective</b>	<b>K<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean<sup>3</sup> P-Value</b>
English I Reading	COMPLETE SUBTEST	38	056066	24.970	7.498	0.860	2.805	65.710
	Understanding/Analysis Across Genres	08	056066	5.043	1.983	0.577	1.290	63.037
	Understanding/Analysis of Literary Texts	16	056066	10.722	3.541	0.740	1.806	67.012
	Understanding/Analysis Informational Texts	14	056066	9.205	2.904	0.651	1.716	65.750
English I Writing	COMPLETE SUBTEST	30	012581	18.789	5.478	0.810	2.388	62.630
	Revison	15	012581	9.666	2.851	0.658	1.667	64.440
	Editing	15	012581	9.123	3.286	0.736	1.688	60.820

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only



**EOC - ENGLISH (SPRING 2011) Am. Indian or Alaskan Native**

<b>Subject</b>	<b>Test Objective</b>	<b>K<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean<sup>3</sup> P-Value</b>
English I Reading	COMPLETE SUBTEST	38	000616	26.269	7.156	0.846	2.808	69.128
	Understanding/Analysis Across Genres	08	000616	5.154	1.919	0.540	1.302	64.425
	Understanding/Analysis of Literary Texts	16	000616	11.333	3.383	0.715	1.806	70.831
	Understanding/Analysis Informational Texts	14	000616	9.782	2.797	0.621	1.722	69.871
English I Writing	COMPLETE SUBTEST	30	000125	20.032	5.546	0.829	2.293	66.773
	Revision	15	000125	10.616	2.785	0.676	1.585	70.773
	Editing	15	000125	9.416	3.363	0.763	1.637	62.773

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

### EOC - ENGLISH (SPRING 2011) Asian

<b>Subject</b>	<b>Test Objective</b>	<b>K<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean<sup>3</sup> P-Value</b>
English I Reading	COMPLETE SUBTEST	38	003992	29.585	6.647	0.822	2.804	77.855
	Understanding/Analysis Across Genres	08	003992	5.840	1.763	0.444	1.315	73.000
	Understanding/Analysis of Literary Texts	16	003992	12.840	3.034	0.642	1.815	80.250
	Understanding/Analysis Informational Texts	14	003992	10.905	2.654	0.581	1.718	77.892
English I Writing	COMPLETE SUBTEST	30	000898	23.150	4.812	0.817	2.059	77.166
	Revision	15	000898	11.362	2.517	0.649	1.491	75.746
	Editing	15	000898	11.788	2.839	0.755	1.405	78.586

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

### EOC - ENGLISH (SPRING 2011) Black or African American

<b>Subject</b>	<b>Test Objective</b>	<b>K<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean<sup>3</sup> P-Value</b>
English I Reading	COMPLETE SUBTEST	38	015291	23.948	7.832	0.875	2.769	63.021
	Understanding/Analysis Across Genres	08	015291	4.837	2.092	0.637	1.260	60.462
	Understanding/Analysis of Literary Texts	16	015291	10.205	3.702	0.768	1.783	63.781
	Understanding/Analysis Informational Texts	14	015291	8.905	2.977	0.674	1.700	63.607
English I Writing	COMPLETE SUBTEST	30	003243	17.830	5.616	0.814	2.422	59.433
	Revision	15	003243	9.346	2.876	0.654	1.692	62.306
	Editing	15	003243	8.484	3.412	0.748	1.713	56.560

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

**EOC - ENGLISH (SPRING 2011) Native Hawaiian/Pacific Islander**

<b>Subject</b>	<b>Test Objective</b>	<b>K<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean<sup>3</sup> P-Value</b>
English I Reading	COMPLETE SUBTEST	38	000230	27.730	6.271	0.815	2.697	72.973
	Understanding/Analysis Across Genres	08	000230	5.457	1.830	0.524	1.263	68.212
	Understanding/Analysis of Literary Texts	16	000230	12.057	3.081	0.693	1.707	75.356
	Understanding/Analysis Informational Texts	14	000230	10.217	2.495	0.560	1.655	72.978
English I Writing	COMPLETE SUBTEST	30	000025	21.600	4.778	0.784	2.221	72.000
	Revision	15	000025	11.320	2.528	0.639	1.519	75.466
	Editing	15	000025	10.280	2.731	0.647	1.623	68.533

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

### EOC - ENGLISH (SPRING 2011) White

<b>Subject</b>	<b>Test Objective</b>	<b>K<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean<sup>3</sup> P-Value</b>
English I Reading	COMPLETE SUBTEST	38	038567	28.348	7.085	0.842	2.816	74.600
	Understanding/Analysis Across Genres	08	038567	5.578	1.851	0.499	1.310	69.725
	Understanding/Analysis of Literary Texts	16	038567	12.189	3.298	0.697	1.815	76.181
	Understanding/Analysis Informational Texts	14	038567	10.581	2.778	0.614	1.726	75.578
English I Writing	COMPLETE SUBTEST	30	009247	21.681	5.383	0.835	2.187	72.270
	Revision	15	009247	11.214	2.650	0.675	1.511	74.760
	Editing	15	009247	10.466	3.283	0.775	1.557	69.773

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

### EOC - ENGLISH (SPRING 2011) Two or More Races

<b>Subject</b>	<b>Test Objective</b>	<b>K<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean<sup>3</sup> P-Value</b>
English I Reading	COMPLETE SUBTEST	38	001811	27.738	7.685	0.870	2.771	72.994
	Understanding/Analysis Across Genres	08	001811	5.473	1.947	0.559	1.293	68.412
	Understanding/Analysis of Literary Texts	16	001811	11.916	3.637	0.761	1.778	74.475
	Understanding/Analysis Informational Texts	14	001811	10.350	2.901	0.651	1.714	73.928
English I Writing	COMPLETE SUBTEST	30	000432	20.880	5.318	0.819	2.262	69.600
	Revision	15	000432	10.806	2.794	0.686	1.566	72.040
	Editing	15	000432	10.074	3.158	0.739	1.613	67.160

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

### EOC - MATHEMATICS (SPRING 2011) Total Group

<b>Subject</b>	<b>Test Objective</b>	<b>K<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean<sup>3</sup> P-Value</b>
Algebra I	COMPLETE SUBTEST	54	162368	29.051	11.497	0.919	3.272	53.798
	Functional Relationships	08	162368	4.195	1.999	0.587	1.285	52.437
	Properties and Attributes of Functions	12	162368	6.746	2.703	0.668	1.557	56.216
	Linear Functions	15	162368	7.876	3.537	0.760	1.733	52.506
	Linear Equations and Inequalities	10	162368	5.574	2.800	0.769	1.346	55.740
	Quadratic and Other Nonlinear Functions	09	162368	4.660	2.236	0.648	1.327	51.777
Geometry	COMPLETE SUBTEST	52	104552	24.868	11.049	0.915	3.221	47.823
	Geometric Structure	10	104552	5.259	2.410	0.658	1.409	52.590
	Geometric Patterns	08	104552	3.952	2.069	0.629	1.260	49.400
	Dimensionality and the Geometry of Location	10	104552	4.789	2.404	0.644	1.434	47.890
	Congruence and the Geometry of Size	16	104552	7.071	3.750	0.777	1.771	44.193
	Similarity and the Geometry of Shape	08	104552	3.798	2.167	0.664	1.256	47.475
Algebra II	COMPLETE SUBTEST	50	072371	21.939	9.896	0.899	3.145	43.878
	Properties and Attributes of Functions	08	072371	3.439	1.889	0.561	1.252	42.987
	Representational Tools to Solve Problems	08	072371	3.570	1.859	0.531	1.273	44.625
	Properties of Quadratic Functions	12	072371	4.715	2.843	0.723	1.496	39.291
	Representations of Quadratic Relations	06	072371	2.904	1.591	0.531	1.090	48.400
	Properties of Square Root Functions	05	072371	2.671	1.480	0.559	0.983	53.420
	Properties of Rational Functions	05	072371	2.162	1.414	0.494	1.006	43.240
	Properties of Exponential & Logarithmic Functions	06	072371	2.477	1.573	0.503	1.109	41.283

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

### EOC - MATHEMATICS (SPRING 2011) Female

<b>Subject</b>	<b>Test Objective</b>	<b>K<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean<sup>3</sup> P-Value</b>
Algebra I	COMPLETE SUBTEST	54	080878	29.310	11.284	0.915	3.290	54.277
	Functional Relationships	08	080878	4.184	1.973	0.572	1.291	52.300
	Properties and Attributes of Functions	12	080878	6.858	2.643	0.651	1.561	57.150
	Linear Functions	15	080878	7.826	3.523	0.757	1.737	52.173
	Linear Equations and Inequalities	10	080878	5.680	2.768	0.763	1.348	56.800
	Quadratic and Other Nonlinear Functions	09	080878	4.762	2.207	0.636	1.332	52.911
Geometry	COMPLETE SUBTEST	52	052229	24.684	10.785	0.911	3.217	47.469
	Geometric Structure	10	052229	5.291	2.357	0.640	1.414	52.910
	Geometric Patterns	08	052229	3.911	2.036	0.615	1.263	48.887
	Dimensionality and the Geometry of Location	10	052229	4.668	2.327	0.619	1.436	46.680
	Congruence and the Geometry of Size	16	052229	6.986	3.700	0.772	1.767	43.662
	Similarity and the Geometry of Shape	08	052229	3.828	2.159	0.657	1.264	47.850
Algebra II	COMPLETE SUBTEST	50	036639	21.919	9.552	0.891	3.154	43.838
	Properties and Attributes of Functions	08	036639	3.403	1.844	0.537	1.255	42.537
	Representational Tools to Solve Problems	08	036639	3.615	1.839	0.517	1.278	45.187
	Properties of Quadratic Functions	12	036639	4.709	2.778	0.707	1.504	39.241
	Representations of Quadratic Relations	06	036639	2.928	1.551	0.506	1.090	48.800
	Properties of Square Root Functions	05	036639	2.697	1.465	0.547	0.986	53.940
	Properties of Rational Functions	05	036639	2.126	1.379	0.466	1.008	42.520
Properties of Exponential & Logarithmic Functions	06	036639	2.441	1.550	0.487	1.110	40.683	

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2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only



### EOC - MATHEMATICS (SPRING 2011) Male

<b>Subject</b>	<b>Test Objective</b>	<b>K<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean<sup>3</sup> P-Value</b>
Algebra I	COMPLETE SUBTEST	54	081490	28.794	11.699	0.923	3.246	53.322
	Functional Relationships	08	081490	4.205	2.026	0.601	1.280	52.562
	Properties and Attributes of Functions	12	081490	6.635	2.756	0.683	1.552	55.291
	Linear Functions	15	081490	7.927	3.550	0.765	1.721	52.846
	Linear Equations and Inequalities	10	081490	5.469	2.827	0.776	1.338	54.690
	Quadratic and Other Nonlinear Functions	09	081490	4.559	2.260	0.659	1.320	50.655
Geometry	COMPLETE SUBTEST	52	052323	25.053	11.304	0.920	3.197	48.178
	Geometric Structure	10	052323	5.228	2.462	0.675	1.404	52.280
	Geometric Patterns	08	052323	3.992	2.099	0.642	1.256	49.900
	Dimensionality and the Geometry of Location	10	052323	4.910	2.471	0.666	1.428	49.100
	Congruence and the Geometry of Size	16	052323	7.155	3.797	0.783	1.769	44.718
	Similarity and the Geometry of Shape	08	052323	3.768	2.175	0.671	1.248	47.100
Algebra II	COMPLETE SUBTEST	50	035708	21.964	10.238	0.906	3.139	43.928
	Properties and Attributes of Functions	08	035708	3.477	1.934	0.583	1.249	43.462
	Representational Tools to Solve Problems	08	035708	3.524	1.879	0.544	1.269	44.050
	Properties of Quadratic Functions	12	035708	4.722	2.909	0.739	1.486	39.350
	Representations of Quadratic Relations	06	035708	2.881	1.630	0.555	1.087	48.016
	Properties of Square Root Functions	05	035708	2.645	1.495	0.570	0.980	52.900
	Properties of Rational Functions	05	035708	2.200	1.448	0.523	1.000	44.000
Properties of Exponential & Logarithmic Functions	06	035708	2.515	1.596	0.519	1.107	41.916	

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2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

### EOC - MATHEMATICS (SPRING 2011) Hispanic/Latino

<b>Subject</b>	<b>Test Objective</b>	<b>K<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean<sup>3</sup> P-Value</b>
Algebra I	COMPLETE SUBTEST	54	074872	26.618	10.750	0.904	3.331	49.292
	Functional Relationships	08	074872	3.882	1.920	0.540	1.302	48.525
	Properties and Attributes of Functions	12	074872	6.283	2.599	0.628	1.585	52.358
	Linear Functions	15	074872	7.162	3.319	0.718	1.763	47.746
	Linear Equations and Inequalities	10	074872	5.030	2.717	0.744	1.375	50.300
	Quadratic and Other Nonlinear Functions	09	074872	4.261	2.127	0.599	1.347	47.344
Geometry	COMPLETE SUBTEST	52	046058	22.303	9.862	0.891	3.256	42.890
	Geometric Structure	10	046058	4.728	2.220	0.577	1.444	47.280
	Geometric Patterns	08	046058	3.569	1.910	0.549	1.283	44.612
	Dimensionality and the Geometry of Location	10	046058	4.374	2.222	0.572	1.454	43.740
	Congruence and the Geometry of Size	16	046058	6.292	3.415	0.728	1.781	39.325
	Similarity and the Geometry of Shape	08	046058	3.339	2.050	0.618	1.267	41.737
Algebra II	COMPLETE SUBTEST	50	032057	19.708	8.704	0.868	3.162	39.416
	Properties and Attributes of Functions	08	032057	3.125	1.749	0.483	1.258	39.062
	Representational Tools to Solve Problems	08	032057	3.222	1.702	0.428	1.287	40.275
	Properties of Quadratic Functions	12	032057	4.183	2.546	0.657	1.491	34.858
	Representations of Quadratic Relations	06	032057	2.649	1.499	0.466	1.095	44.150
	Properties of Square Root Functions	05	032057	2.410	1.450	0.522	1.002	48.200
	Properties of Rational Functions	05	032057	1.931	1.317	0.409	1.012	38.620
	Properties of Exponential & Logarithmic Functions	06	032057	2.188	1.464	0.430	1.105	36.466

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

## EOC - MATHEMATICS (SPRING 2011) Am. Indian or Alaskan Native

<b>Subject</b>	<b>Test Objective</b>	<b>K<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean<sup>3</sup> P-Value</b>
Algebra I	COMPLETE SUBTEST	54	000741	28.263	10.656	0.903	3.319	52.338
	Functional Relationships	08	000741	4.105	1.866	0.505	1.313	51.312
	Properties and Attributes of Functions	12	000741	6.536	2.618	0.639	1.573	54.466
	Linear Functions	15	000741	7.679	3.315	0.717	1.764	51.193
	Linear Equations and Inequalities	10	000741	5.398	2.696	0.742	1.369	53.980
	Quadratic and Other Nonlinear Functions	09	000741	4.545	2.105	0.593	1.343	50.500
Geometry	COMPLETE SUBTEST	52	000501	24.896	10.660	0.908	3.233	47.876
	Geometric Structure	10	000501	5.279	2.355	0.642	1.409	52.790
	Geometric Patterns	08	000501	3.892	1.973	0.586	1.269	48.650
	Dimensionality and the Geometry of Location	10	000501	4.864	2.346	0.618	1.450	48.640
	Congruence and the Geometry of Size	16	000501	7.056	3.702	0.771	1.772	44.100
	Similarity and the Geometry of Shape	08	000501	3.804	2.118	0.644	1.264	47.550
Algebra II	COMPLETE SUBTEST	50	000335	21.943	9.615	0.892	3.160	43.886
	Properties and Attributes of Functions	08	000335	3.412	1.937	0.589	1.242	42.650
	Representational Tools to Solve Problems	08	000335	3.597	1.775	0.471	1.291	44.962
	Properties of Quadratic Functions	12	000335	4.684	2.789	0.710	1.502	39.033
	Representations of Quadratic Relations	06	000335	2.839	1.537	0.486	1.102	47.316
	Properties of Square Root Functions	05	000335	2.710	1.477	0.561	0.979	54.200
	Properties of Rational Functions	05	000335	2.194	1.402	0.474	1.017	43.880
	Properties of Exponential & Logarithmic Functions	06	000335	2.507	1.567	0.495	1.114	41.783

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

### EOC - MATHEMATICS (SPRING 2011) Asian

<b>Subject</b>	<b>Test Objective</b>	<b>K<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean<sup>3</sup> P-Value</b>
Algebra I	COMPLETE SUBTEST	54	006921	39.350	10.959	0.931	2.879	72.870
	Functional Relationships	08	006921	5.727	1.871	0.626	1.144	71.587
	Properties and Attributes of Functions	12	006921	8.931	2.498	0.701	1.366	74.425
	Linear Functions	15	006921	10.622	3.486	0.805	1.539	70.813
	Linear Equations and Inequalities	10	006921	7.687	2.412	0.778	1.136	76.870
	Quadratic and Other Nonlinear Functions	09	006921	6.382	2.151	0.695	1.188	70.911
Geometry	COMPLETE SUBTEST	52	004279	33.547	12.141	0.940	2.974	64.513
	Geometric Structure	10	004279	6.824	2.501	0.741	1.273	68.240
	Geometric Patterns	08	004279	5.368	2.221	0.745	1.122	67.100
	Dimensionality and the Geometry of Location	10	004279	6.302	2.573	0.734	1.327	63.020
	Congruence and the Geometry of Size	16	004279	9.862	4.064	0.832	1.666	61.637
	Similarity and the Geometry of Shape	08	004279	5.192	2.165	0.711	1.164	64.900
Algebra II	COMPLETE SUBTEST	50	002635	29.325	11.276	0.928	3.026	58.650
	Properties and Attributes of Functions	08	002635	4.551	2.055	0.658	1.202	56.887
	Representational Tools to Solve Problems	08	002635	4.713	2.022	0.637	1.218	58.912
	Properties of Quadratic Functions	12	002635	6.593	3.244	0.794	1.472	54.941
	Representations of Quadratic Relations	06	002635	3.797	1.640	0.606	1.029	63.283
	Properties of Square Root Functions	05	002635	3.381	1.403	0.596	0.892	67.620
	Properties of Rational Functions	05	002635	2.923	1.499	0.592	0.957	58.460
	Properties of Exponential & Logarithmic Functions	06	002635	3.367	1.710	0.605	1.075	56.116

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

### EOC - MATHEMATICS (SPRING 2011) Black or African American

<b>Subject</b>	<b>Test Objective</b>	<b>K<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean<sup>3</sup> P-Value</b>
Algebra I	COMPLETE SUBTEST	54	017787	24.689	10.157	0.891	3.353	45.720
	Functional Relationships	08	017787	3.556	1.864	0.509	1.306	44.450
	Properties and Attributes of Functions	12	017787	5.951	2.525	0.601	1.595	49.591
	Linear Functions	15	017787	6.584	3.151	0.682	1.777	43.893
	Linear Equations and Inequalities	10	017787	4.608	2.642	0.727	1.380	46.080
	Quadratic and Other Nonlinear Functions	09	017787	3.990	2.036	0.559	1.352	44.333
Geometry	COMPLETE SUBTEST	52	012917	19.772	8.868	0.867	3.234	38.023
	Geometric Structure	10	012917	4.389	2.134	0.538	1.450	43.890
	Geometric Patterns	08	012917	3.207	1.780	0.476	1.289	40.087
	Dimensionality and the Geometry of Location	10	012917	3.781	2.043	0.502	1.442	37.810
	Congruence and the Geometry of Size	16	012917	5.369	3.061	0.675	1.745	33.556
	Similarity and the Geometry of Shape	08	012917	3.027	1.950	0.582	1.261	37.837
Algebra II	COMPLETE SUBTEST	50	008000	18.109	8.046	0.848	3.137	36.218
	Properties and Attributes of Functions	08	008000	2.942	1.713	0.461	1.258	36.775
	Representational Tools to Solve Problems	08	008000	3.007	1.651	0.397	1.282	37.587
	Properties of Quadratic Functions	12	008000	3.816	2.370	0.618	1.465	31.800
	Representations of Quadratic Relations	06	008000	2.436	1.428	0.402	1.104	40.600
	Properties of Square Root Functions	05	008000	2.144	1.407	0.490	1.005	42.880
	Properties of Rational Functions	05	008000	1.704	1.239	0.351	0.998	34.080
	Properties of Exponential & Logarithmic Functions	06	008000	2.061	1.405	0.387	1.100	34.350

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

## EOC - MATHEMATICS (SPRING 2011) Native Hawaiian/Pacific Islander

<b>Subject</b>	<b>Test Objective</b>	<b>K<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean<sup>3</sup> P-Value</b>
Algebra I	COMPLETE SUBTEST	54	000225	30.036	10.896	0.909	3.287	55.622
	Functional Relationships	08	000225	4.422	1.874	0.519	1.300	55.275
	Properties and Attributes of Functions	12	000225	7.076	2.512	0.611	1.567	58.966
	Linear Functions	15	000225	7.964	3.620	0.776	1.713	53.093
	Linear Equations and Inequalities	10	000225	5.880	2.696	0.748	1.353	58.800
	Quadratic and Other Nonlinear Functions	09	000225	4.693	2.146	0.618	1.326	52.144
Geometry	COMPLETE SUBTEST	52	000195	25.569	10.948	0.914	3.211	49.171
	Geometric Structure	10	000195	5.328	2.319	0.627	1.416	53.280
	Geometric Patterns	08	000195	4.051	1.994	0.595	1.269	50.637
	Dimensionality and the Geometry of Location	10	000195	4.872	2.407	0.650	1.424	48.720
	Congruence and the Geometry of Size	16	000195	7.385	3.669	0.763	1.786	46.156
	Similarity and the Geometry of Shape	08	000195	3.933	2.318	0.723	1.220	49.162
Algebra II	COMPLETE SUBTEST	50	000114	22.518	9.793	0.897	3.143	45.036
	Properties and Attributes of Functions	08	000114	3.325	1.701	0.431	1.283	41.562
	Representational Tools to Solve Problems	08	000114	3.649	2.000	0.611	1.247	45.612
	Properties of Quadratic Functions	12	000114	4.816	2.886	0.733	1.491	40.133
	Representations of Quadratic Relations	06	000114	3.079	1.415	0.355	1.136	51.316
	Properties of Square Root Functions	05	000114	2.763	1.513	0.595	0.963	55.260
	Properties of Rational Functions	05	000114	2.219	1.362	0.451	1.009	44.380
	Properties of Exponential & Logarithmic Functions	06	000114	2.667	1.521	0.454	1.124	44.450

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

## EOC - MATHEMATICS (SPRING 2011) White

<b>Subject</b>	<b>Test Objective</b>	<b>K<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean<sup>3</sup> P-Value</b>
Algebra I	COMPLETE SUBTEST	54	057369	32.139	11.252	0.919	3.202	59.516
	Functional Relationships	08	057369	4.589	1.976	0.586	1.271	57.362
	Properties and Attributes of Functions	12	057369	7.300	2.648	0.666	1.530	60.833
	Linear Functions	15	057369	8.821	3.488	0.765	1.691	58.806
	Linear Equations and Inequalities	10	057369	6.285	2.678	0.759	1.315	62.850
	Quadratic and Other Nonlinear Functions	09	057369	5.145	2.222	0.654	1.307	57.166
Geometry	COMPLETE SUBTEST	52	038623	28.482	11.118	0.918	3.184	54.773
	Geometric Structure	10	038623	5.973	2.406	0.676	1.370	59.730
	Geometric Patterns	08	038623	4.474	2.105	0.654	1.238	55.925
	Dimensionality and the Geometry of Location	10	038623	5.421	2.443	0.663	1.418	54.210
	Congruence and the Geometry of Size	16	038623	8.197	3.766	0.778	1.774	51.231
	Similarity and the Geometry of Shape	08	038623	4.418	2.124	0.654	1.249	55.225
Algebra II	COMPLETE SUBTEST	50	025384	24.522	10.205	0.905	3.145	49.044
	Properties and Attributes of Functions	08	025384	3.788	1.942	0.588	1.247	47.350
	Representational Tools to Solve Problems	08	025384	3.946	1.900	0.561	1.259	49.325
	Properties of Quadratic Functions	12	025384	5.320	2.978	0.742	1.513	44.333
	Representations of Quadratic Relations	06	025384	3.202	1.625	0.553	1.086	53.366
	Properties of Square Root Functions	05	025384	3.016	1.417	0.535	0.966	60.320
	Properties of Rational Functions	05	025384	2.462	1.456	0.527	1.001	49.240
	Properties of Exponential & Logarithmic Functions	06	025384	2.787	1.605	0.515	1.118	46.450

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

### EOC - MATHEMATICS (SPRING 2011) Two or More Races

<b>Subject</b>	<b>Test Objective</b>	<b>K<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean<sup>3</sup> P-Value</b>
Algebra I	COMPLETE SUBTEST	54	003153	34.349	12.176	0.936	3.080	63.609
	Functional Relationships	08	003153	4.900	2.075	0.651	1.226	61.250
	Properties and Attributes of Functions	12	003153	7.807	2.786	0.720	1.474	65.058
	Linear Functions	15	003153	9.354	3.705	0.805	1.636	62.360
	Linear Equations and Inequalities	10	003153	6.686	2.779	0.799	1.246	66.860
	Quadratic and Other Nonlinear Functions	09	003153	5.601	2.368	0.722	1.249	62.233
Geometry	COMPLETE SUBTEST	52	001676	27.839	11.445	0.923	3.176	53.536
	Geometric Structure	10	001676	5.868	2.495	0.701	1.364	58.680
	Geometric Patterns	08	001676	4.376	2.148	0.673	1.228	54.700
	Dimensionality and the Geometry of Location	10	001676	5.239	2.442	0.660	1.424	52.390
	Congruence and the Geometry of Size	16	001676	8.010	3.901	0.797	1.758	50.062
	Similarity and the Geometry of Shape	08	001676	4.347	2.138	0.656	1.254	54.337
Algebra II	COMPLETE SUBTEST	50	001069	23.679	9.776	0.895	3.168	47.358
	Properties and Attributes of Functions	08	001069	3.647	1.878	0.548	1.263	45.587
	Representational Tools to Solve Problems	08	001069	3.882	1.848	0.525	1.274	48.525
	Properties of Quadratic Functions	12	001069	5.094	2.867	0.720	1.517	42.450
	Representations of Quadratic Relations	06	001069	3.118	1.604	0.536	1.093	51.966
	Properties of Square Root Functions	05	001069	2.866	1.432	0.526	0.986	57.320
	Properties of Rational Functions	05	001069	2.330	1.398	0.466	1.022	46.600
	Properties of Exponential & Logarithmic Functions	06	001069	2.741	1.596	0.507	1.121	45.683

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only



### EOC - SCIENCE (SPRING 2011) Total Group

<b>Subject</b>	<b>Test Objective</b>	<b>K<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean<sup>3</sup> P-Value</b>
Biology	COMPLETE SUBTEST	54	132091	31.041	10.799	0.912	3.204	57.483
	Nature of Science	11	132091	5.925	2.550	0.666	1.474	53.863
	Structure and Function	11	132091	6.456	2.633	0.702	1.437	58.690
	Genetics and Evolution	10	132091	6.338	2.413	0.690	1.344	63.380
	Processes and Energy Transfers	11	132091	6.694	2.511	0.674	1.434	60.854
	Interactions within Ecosystems	11	132091	5.628	2.521	0.659	1.472	51.163
Chemistry	COMPLETE SUBTEST	52	087656	25.510	9.678	0.891	3.195	49.057
	Nature of Science	12	087656	7.006	2.777	0.699	1.524	58.383
	Matter	09	087656	5.283	2.008	0.573	1.312	58.700
	Atoms, Bonds, and Nuclear Processes	14	087656	6.307	3.054	0.695	1.687	45.050
	Energy Transformations	08	087656	2.869	1.836	0.578	1.193	35.862
	Solutions	09	087656	4.046	2.088	0.595	1.329	44.955
Physics	COMPLETE SUBTEST	50	167144	21.438	9.491	0.892	3.119	42.876
	Nature of Science	14	167144	5.991	3.110	0.709	1.678	42.792
	Force and Motion	12	167144	4.782	2.735	0.697	1.505	39.850
	Momentum and Energy	12	167144	5.083	2.641	0.674	1.508	42.358
	Gravitational, Electrical, and Magnetic Forces	12	167144	5.582	2.468	0.607	1.547	46.516

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

### EOC - SCIENCE (SPRING 2011) Female

<b>Subject</b>	<b>Test Objective</b>	<b>K<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean<sup>3</sup> P-Value</b>
Biology	COMPLETE SUBTEST	54	065645	30.831	10.299	0.902	3.224	57.094
	Nature of Science	11	065645	5.807	2.458	0.635	1.485	52.790
	Structure and Function	11	065645	6.576	2.554	0.683	1.438	59.781
	Genetics and Evolution	10	065645	6.310	2.321	0.659	1.355	63.100
	Processes and Energy Transfers	11	065645	6.662	2.427	0.648	1.440	60.563
	Interactions within Ecosystems	11	065645	5.477	2.455	0.637	1.479	49.790
Chemistry	COMPLETE SUBTEST	52	044178	25.609	9.217	0.879	3.206	49.248
	Nature of Science	12	044178	7.021	2.652	0.667	1.530	58.508
	Matter	09	044178	5.330	1.903	0.521	1.317	59.222
	Atoms, Bonds, and Nuclear Processes	14	044178	6.377	3.003	0.683	1.691	45.550
	Energy Transformations	08	044178	2.863	1.805	0.548	1.214	35.787
Physics	Solutions	09	044178	4.018	2.036	0.568	1.338	44.644
	COMPLETE SUBTEST	50	083994	20.268	8.497	0.864	3.134	40.536
	Nature of Science	14	083994	5.551	2.789	0.638	1.678	39.650
	Force and Motion	12	083994	4.567	2.554	0.647	1.517	38.058
	Momentum and Energy	12	083994	4.864	2.477	0.630	1.507	40.533
Gravitational, Electrical, and Magnetic Forces	12	083994	5.286	2.289	0.534	1.563	44.050	

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

### EOC - SCIENCE (SPRING 2011) Male

<b>Subject</b>	<b>Test Objective</b>	<b>K<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean<sup>3</sup> P-Value</b>
Biology	COMPLETE SUBTEST	54	066433	31.247	11.268	0.920	3.187	57.864
	Nature of Science	11	066433	6.041	2.633	0.692	1.461	54.918
	Structure and Function	11	066433	6.338	2.703	0.718	1.435	57.618
	Genetics and Evolution	10	066433	6.365	2.499	0.718	1.327	63.650
	Processes and Energy Transfers	11	066433	6.726	2.592	0.698	1.424	61.145
	Interactions within Ecosystems	11	066433	5.777	2.575	0.678	1.461	52.518
Chemistry	COMPLETE SUBTEST	52	043478	25.410	10.124	0.902	3.169	48.865
	Nature of Science	12	043478	6.991	2.899	0.728	1.512	58.258
	Matter	09	043478	5.236	2.108	0.617	1.305	58.177
	Atoms, Bonds, and Nuclear Processes	14	043478	6.235	3.103	0.707	1.680	44.535
	Energy Transformations	08	043478	2.875	1.868	0.609	1.168	35.937
Physics	Solutions	09	043478	4.073	2.140	0.622	1.316	45.255
	COMPLETE SUBTEST	50	083142	22.619	10.265	0.909	3.097	45.238
	Nature of Science	14	083142	6.435	3.346	0.753	1.663	45.964
	Force and Motion	12	083142	5.000	2.891	0.734	1.491	41.666
	Momentum and Energy	12	083142	5.304	2.780	0.707	1.505	44.200
Gravitational, Electrical, and Magnetic Forces	12	083142	5.880	2.602	0.657	1.524	49.000	

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

### EOC - SCIENCE (SPRING 2011) Hispanic/Latino

<b>Subject</b>	<b>Test Objective</b>	<b>K<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean<sup>3</sup> P-Value</b>
Biology	COMPLETE SUBTEST	54	059193	28.362	10.093	0.894	3.286	52.522
	Nature of Science	11	059193	5.387	2.424	0.616	1.502	48.972
	Structure and Function	11	059193	5.952	2.541	0.661	1.479	54.109
	Genetics and Evolution	10	059193	5.813	2.374	0.657	1.390	58.130
	Processes and Energy Transfers	11	059193	6.134	2.410	0.628	1.470	55.763
	Interactions within Ecosystems	11	059193	5.076	2.359	0.600	1.492	46.145
Chemistry	COMPLETE SUBTEST	52	040484	23.071	8.629	0.861	3.217	44.367
	Nature of Science	12	040484	6.404	2.654	0.651	1.568	53.366
	Matter	09	040484	4.946	1.948	0.523	1.345	54.955
	Atoms, Bonds, and Nuclear Processes	14	040484	5.667	2.767	0.627	1.690	40.478
	Energy Transformations	08	040484	2.473	1.635	0.486	1.172	30.912
	Solutions	09	040484	3.581	1.911	0.511	1.336	39.788
Physics	COMPLETE SUBTEST	50	070091	18.967	8.034	0.849	3.122	37.934
	Nature of Science	14	070091	5.244	2.715	0.617	1.680	37.457
	Force and Motion	12	070091	4.151	2.411	0.612	1.502	34.591
	Momentum and Energy	12	070091	4.537	2.383	0.603	1.501	37.808
	Gravitational, Electrical, and Magnetic Forces	12	070091	5.035	2.202	0.499	1.559	41.958

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

### EOC - SCIENCE (SPRING 2011) Am. Indian or Alaskan Native

<b>Subject</b>	<b>Test Objective</b>	<b>K<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean<sup>3</sup> P-Value</b>
Biology	COMPLETE SUBTEST	54	000637	31.860	10.513	0.907	3.206	59.000
	Nature of Science	11	000637	6.049	2.446	0.630	1.488	54.990
	Structure and Function	11	000637	6.429	2.600	0.694	1.438	58.445
	Genetics and Evolution	10	000637	6.592	2.396	0.696	1.321	65.920
	Processes and Energy Transfers	11	000637	6.884	2.477	0.665	1.434	62.581
	Interactions within Ecosystems	11	000637	5.907	2.510	0.658	1.468	53.700
Chemistry	COMPLETE SUBTEST	52	000393	25.674	9.563	0.889	3.186	49.373
	Nature of Science	12	000393	7.140	2.758	0.699	1.513	59.500
	Matter	09	000393	5.272	1.972	0.551	1.321	58.577
	Atoms, Bonds, and Nuclear Processes	14	000393	6.181	3.117	0.710	1.679	44.150
	Energy Transformations	08	000393	2.957	1.810	0.559	1.202	36.962
Physics	Solutions	09	000393	4.125	2.127	0.616	1.318	45.833
	COMPLETE SUBTEST	50	000799	21.782	9.280	0.885	3.147	43.564
	Nature of Science	14	000799	6.121	3.092	0.702	1.688	43.721
	Force and Motion	12	000799	4.801	2.630	0.664	1.524	40.008
	Momentum and Energy	12	000799	5.139	2.643	0.671	1.516	42.825
	Gravitational, Electrical, and Magnetic Forces	12	000799	5.721	2.482	0.612	1.546	47.675

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

### EOC - SCIENCE (SPRING 2011) Asian

<b>Subject</b>	<b>Test Objective</b>	<b>K<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean<sup>3</sup> P-Value</b>
Biology	COMPLETE SUBTEST	54	004627	37.250	10.684	0.922	2.984	68.981
	Nature of Science	11	004627	7.342	2.532	0.706	1.373	66.745
	Structure and Function	11	004627	7.929	2.491	0.729	1.297	72.081
	Genetics and Evolution	10	004627	7.305	2.273	0.705	1.235	73.050
	Processes and Energy Transfers	11	004627	7.840	2.454	0.709	1.324	71.272
	Interactions within Ecosystems	11	004627	6.834	2.557	0.698	1.405	62.127
Chemistry	COMPLETE SUBTEST	52	002771	33.137	10.324	0.915	3.010	63.725
	Nature of Science	12	002771	8.505	2.642	0.726	1.383	70.875
	Matter	09	002771	6.388	1.895	0.607	1.188	70.977
	Atoms, Bonds, and Nuclear Processes	14	002771	8.757	3.308	0.771	1.583	62.550
	Energy Transformations	08	002771	4.135	2.045	0.641	1.225	51.687
	Solutions	09	002771	5.351	2.246	0.679	1.273	59.455
Physics	COMPLETE SUBTEST	50	006452	27.743	10.519	0.914	3.085	55.486
	Nature of Science	14	006452	7.859	3.354	0.763	1.633	56.135
	Force and Motion	12	006452	6.502	3.046	0.760	1.492	54.183
	Momentum and Energy	12	006452	6.642	2.822	0.720	1.493	55.350
	Gravitational, Electrical, and Magnetic Forces	12	006452	6.741	2.635	0.667	1.521	56.175

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

### EOC - SCIENCE (SPRING 2011) Black or African American

<b>Subject</b>	<b>Test Objective</b>	<b>K<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean<sup>3</sup> P-Value</b>
Biology	COMPLETE SUBTEST	54	017608	27.403	9.714	0.883	3.323	50.746
	Nature of Science	11	017608	5.280	2.361	0.585	1.521	48.000
	Structure and Function	11	017608	5.731	2.473	0.632	1.500	52.100
	Genetics and Evolution	10	017608	5.601	2.316	0.631	1.407	56.010
	Processes and Energy Transfers	11	017608	6.001	2.372	0.610	1.481	54.554
	Interactions within Ecosystems	11	017608	4.790	2.288	0.567	1.506	43.545
Chemistry	COMPLETE SUBTEST	52	010000	22.482	8.483	0.856	3.219	43.234
	Nature of Science	12	010000	6.197	2.616	0.637	1.576	51.641
	Matter	09	010000	4.814	1.938	0.515	1.350	53.488
	Atoms, Bonds, and Nuclear Processes	14	010000	5.596	2.721	0.612	1.695	39.971
	Energy Transformations	08	010000	2.369	1.645	0.501	1.162	29.612
	Solutions	09	010000	3.507	1.894	0.506	1.331	38.966
Physics	COMPLETE SUBTEST	50	018431	17.826	7.493	0.827	3.117	35.652
	Nature of Science	14	018431	4.840	2.528	0.568	1.662	34.571
	Force and Motion	12	018431	3.986	2.312	0.581	1.497	33.216
	Momentum and Energy	12	018431	4.258	2.301	0.580	1.491	35.483
	Gravitational, Electrical, and Magnetic Forces	12	018431	4.742	2.098	0.441	1.569	39.516

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

### EOC - SCIENCE (SPRING 2011) Native Hawaiian/Pacific Islander

<b>Subject</b>	<b>Test Objective</b>	<b>K<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean<sup>3</sup> P-Value</b>
Biology	COMPLETE SUBTEST	54	000210	31.195	10.411	0.904	3.226	57.768
	Nature of Science	11	000210	6.014	2.525	0.657	1.479	54.672
	Structure and Function	11	000210	6.595	2.516	0.670	1.445	59.954
	Genetics and Evolution	10	000210	6.290	2.423	0.698	1.332	62.900
	Processes and Energy Transfers	11	000210	6.729	2.517	0.673	1.439	61.172
	Interactions within Ecosystems	11	000210	5.567	2.476	0.641	1.484	50.609
Chemistry	COMPLETE SUBTEST	52	000140	27.057	10.320	0.907	3.147	52.032
	Nature of Science	12	000140	7.300	2.868	0.732	1.485	60.833
	Matter	09	000140	5.386	2.148	0.654	1.263	59.844
	Atoms, Bonds, and Nuclear Processes	14	000140	7.021	3.224	0.739	1.647	50.150
	Energy Transformations	08	000140	3.136	2.068	0.661	1.204	39.200
	Solutions	09	000140	4.214	2.201	0.653	1.297	46.822
Physics	COMPLETE SUBTEST	50	000273	21.568	8.701	0.868	3.161	43.136
	Nature of Science	14	000273	6.073	2.951	0.670	1.695	43.378
	Force and Motion	12	000273	4.806	2.554	0.638	1.537	40.050
	Momentum and Energy	12	000273	5.209	2.435	0.606	1.528	43.408
	Gravitational, Electrical, and Magnetic Forces	12	000273	5.480	2.389	0.578	1.552	45.666

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only



### EOC - SCIENCE (SPRING 2011) White

<b>Subject</b>	<b>Test Objective</b>	<b>K<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean<sup>3</sup> P-Value</b>
Biology	COMPLETE SUBTEST	54	046619	34.900	10.467	0.913	3.087	64.629
	Nature of Science	11	046619	6.647	2.516	0.677	1.430	60.427
	Structure and Function	11	046619	7.162	2.572	0.715	1.373	65.109
	Genetics and Evolution	10	046619	7.130	2.237	0.680	1.265	71.300
	Processes and Energy Transfers	11	046619	7.498	2.414	0.676	1.374	68.163
	Interactions within Ecosystems	11	046619	6.463	2.487	0.666	1.437	58.754
Chemistry	COMPLETE SUBTEST	52	031115	28.535	9.841	0.898	3.143	54.875
	Nature of Science	12	031115	7.820	2.705	0.708	1.462	65.166
	Matter	09	031115	5.713	1.984	0.591	1.269	63.477
	Atoms, Bonds, and Nuclear Processes	14	031115	7.005	3.147	0.714	1.683	50.035
	Energy Transformations	08	031115	3.367	1.914	0.595	1.218	42.087
	Solutions	09	031115	4.630	2.126	0.615	1.319	51.444
Physics	COMPLETE SUBTEST	50	063734	24.130	10.059	0.904	3.117	48.260
	Nature of Science	14	063734	6.823	3.265	0.736	1.678	48.735
	Force and Motion	12	063734	5.417	2.863	0.722	1.510	45.141
	Momentum and Energy	12	063734	5.671	2.747	0.696	1.515	47.258
	Gravitational, Electrical, and Magnetic Forces	12	063734	6.220	2.582	0.650	1.528	51.833

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

### EOC - SCIENCE (SPRING 2011) Two or More Races

<b>Subject</b>	<b>Test Objective</b>	<b>K<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean<sup>3</sup> P-Value</b>
Biology	COMPLETE SUBTEST	54	002036	34.131	10.799	0.917	3.111	63.205
	Nature of Science	11	002036	6.561	2.577	0.691	1.432	59.645
	Structure and Function	11	002036	7.001	2.608	0.714	1.395	63.645
	Genetics and Evolution	10	002036	6.987	2.304	0.692	1.279	69.870
	Processes and Energy Transfers	11	002036	7.325	2.493	0.690	1.388	66.590
	Interactions within Ecosystems	11	002036	6.256	2.518	0.668	1.451	56.872
Chemistry	COMPLETE SUBTEST	52	001247	28.630	10.022	0.902	3.137	55.057
	Nature of Science	12	001247	7.805	2.770	0.724	1.455	65.041
	Matter	09	001247	5.704	1.989	0.590	1.274	63.377
	Atoms, Bonds, and Nuclear Processes	14	001247	7.118	3.195	0.724	1.679	50.842
	Energy Transformations	08	001247	3.343	1.948	0.610	1.217	41.787
	Solutions	09	001247	4.660	2.132	0.621	1.313	51.777
Physics	COMPLETE SUBTEST	50	003308	24.736	10.178	0.906	3.121	49.472
	Nature of Science	14	003308	6.979	3.290	0.742	1.671	49.850
	Force and Motion	12	003308	5.667	2.898	0.727	1.514	47.225
	Momentum and Energy	12	003308	5.842	2.765	0.700	1.514	48.683
	Gravitational, Electrical, and Magnetic Forces	12	003308	6.248	2.575	0.644	1.536	52.066

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

### EOC - SOCIAL STUDIES (SPRING 2011) Total Group

<b>Subject</b>	<b>Test Objective</b>	<b>K<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean<sup>3</sup> P-Value</b>
U.S. History	COMPLETE SUBTEST	68	092773	36.382	13.337	0.923	3.701	53.502
	History	26	092773	13.584	5.370	0.818	2.291	52.246
	Geography and Culture	14	092773	8.287	3.204	0.743	1.624	59.192
	Government and Citizenship	10	092773	4.844	2.439	0.654	1.435	48.440
	Economics and Technology	18	092773	9.666	3.858	0.758	1.898	53.700
World Geography	COMPLETE SUBTEST	68	117855	41.458	13.476	0.929	3.591	60.967
	History, Government, and Citizenship	14	117855	8.156	3.211	0.737	1.647	58.257
	Geography	26	117855	15.876	5.475	0.837	2.210	61.061
	Culture	14	117855	9.003	3.054	0.729	1.590	64.307
	Economics, Science, Technology, and Society	14	117855	8.422	3.126	0.721	1.651	60.157

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

**EOC - SOCIAL STUDIES (SPRING 2011) Female**

<b>Subject</b>	<b>Test Objective</b>	<b>K<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean<sup>3</sup> P-Value</b>
U.S. History	COMPLETE SUBTEST	68	045681	35.456	12.664	0.914	3.714	52.141
	History	26	045681	13.046	5.115	0.795	2.316	50.176
	Geography and Culture	14	045681	8.183	3.128	0.725	1.640	58.450
	Government and Citizenship	10	045681	4.749	2.380	0.633	1.442	47.490
	Economics and Technology	18	045681	9.478	3.655	0.725	1.917	52.655
World Geography	COMPLETE SUBTEST	68	058465	40.438	12.948	0.921	3.639	59.467
	History, Government, and Citizenship	14	058465	7.907	3.069	0.709	1.656	56.478
	Geography	26	058465	15.441	5.352	0.825	2.239	59.388
	Culture	14	058465	8.854	2.995	0.711	1.610	63.242
	Economics, Science, Technology, and Society	14	058465	8.236	3.019	0.690	1.681	58.828

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

### EOC - SOCIAL STUDIES (SPRING 2011) Male

<b>Subject</b>	<b>Test Objective</b>	<b>K<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean<sup>3</sup> P-Value</b>
U.S. History	COMPLETE SUBTEST	68	047089	37.280	13.899	0.931	3.651	54.823
	History	26	047089	14.107	5.555	0.834	2.263	54.257
	Geography and Culture	14	047089	8.388	3.272	0.759	1.606	59.914
	Government and Citizenship	10	047089	4.937	2.491	0.673	1.424	49.370
	Economics and Technology	18	047089	9.848	4.037	0.783	1.881	54.711
World Geography	COMPLETE SUBTEST	68	059381	42.460	13.902	0.935	3.544	62.441
	History, Government, and Citizenship	14	059381	8.402	3.326	0.760	1.629	60.014
	Geography	26	059381	16.304	5.561	0.847	2.175	62.707
	Culture	14	059381	9.150	3.104	0.745	1.567	65.357
	Economics, Science, Technology, and Society	14	059381	8.604	3.217	0.746	1.621	61.457

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

### EOC - SOCIAL STUDIES (SPRING 2011) Hispanic/Latino

<b>Subject</b>	<b>Test Objective</b>	<b>K<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean<sup>3</sup> P-Value</b>
U.S. History	COMPLETE SUBTEST	68	041382	33.640	12.307	0.907	3.753	49.470
	History	26	041382	12.561	4.990	0.783	2.325	48.311
	Geography and Culture	14	041382	7.670	3.081	0.709	1.662	54.785
	Government and Citizenship	10	041382	4.395	2.304	0.605	1.448	43.950
	Economics and Technology	18	041382	9.014	3.618	0.716	1.928	50.077
World Geography	COMPLETE SUBTEST	68	052915	37.979	12.621	0.914	3.701	55.851
	History, Government, and Citizenship	14	052915	7.386	3.037	0.690	1.691	52.757
	Geography	26	052915	14.610	5.261	0.813	2.275	56.192
	Culture	14	052915	8.333	2.958	0.689	1.650	59.521
	Economics, Science, Technology, and Society	14	052915	7.649	2.943	0.664	1.706	54.635

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

**EOC - SOCIAL STUDIES (SPRING 2011) Am. Indian or Alaskan Native**

<b>Subject</b>	<b>Test Objective</b>	<b>K<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean<sup>3</sup> P-Value</b>
U.S. History	COMPLETE SUBTEST	68	000411	36.805	13.480	0.925	3.692	54.125
	History	26	000411	13.803	5.470	0.827	2.275	53.088
	Geography and Culture	14	000411	8.448	3.252	0.754	1.613	60.342
	Government and Citizenship	10	000411	4.905	2.477	0.668	1.427	49.050
	Economics and Technology	18	000411	9.650	3.916	0.765	1.898	53.611
World Geography	COMPLETE SUBTEST	68	000571	42.277	13.001	0.924	3.584	62.172
	History, Government, and Citizenship	14	000571	8.394	3.088	0.716	1.646	59.957
	Geography	26	000571	16.046	5.222	0.821	2.209	61.715
	Culture	14	000571	9.200	2.944	0.712	1.580	65.714
	Economics, Science, Technology, and Society	14	000571	8.637	3.146	0.730	1.635	61.692

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

### EOC - SOCIAL STUDIES (SPRING 2011) Asian

<b>Subject</b>	<b>Test Objective</b>	<b>K<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean<sup>3</sup> P-Value</b>
U.S. History	COMPLETE SUBTEST	68	002863	42.466	14.230	0.939	3.515	62.450
	History	26	002863	16.081	5.799	0.861	2.162	61.850
	Geography and Culture	14	002863	9.426	3.278	0.783	1.527	67.328
	Government and Citizenship	10	002863	5.683	2.498	0.688	1.395	56.830
	Economics and Technology	18	002863	11.277	3.982	0.791	1.820	62.650
World Geography	COMPLETE SUBTEST	68	004140	49.483	12.235	0.929	3.260	72.769
	History, Government, and Citizenship	14	004140	9.762	2.894	0.721	1.529	69.728
	Geography	26	004140	18.841	5.033	0.838	2.026	72.465
	Culture	14	004140	10.825	2.569	0.705	1.395	77.321
	Economics, Science, Technology, and Society	14	004140	10.054	3.000	0.749	1.503	71.814

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only



**EOC - SOCIAL STUDIES (SPRING 2011) Black or African American**

<b>Subject</b>	<b>Test Objective</b>	<b>K<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean<sup>3</sup> P-Value</b>
U.S. History	COMPLETE SUBTEST	68	011688	32.863	12.284	0.907	3.746	48.327
	History	26	011688	12.329	4.968	0.781	2.325	47.419
	Geography and Culture	14	011688	7.504	3.079	0.711	1.655	53.600
	Government and Citizenship	10	011688	4.397	2.307	0.607	1.446	43.970
	Economics and Technology	18	011688	8.633	3.605	0.710	1.941	47.961
World Geography	COMPLETE SUBTEST	68	014358	35.908	12.396	0.909	3.739	52.805
	History, Government, and Citizenship	14	014358	7.052	3.004	0.680	1.699	50.371
	Geography	26	014358	13.624	5.161	0.799	2.314	52.400
	Culture	14	014358	7.935	2.936	0.677	1.669	56.678
	Economics, Science, Technology, and Society	14	014358	7.297	2.905	0.651	1.716	52.121

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

**EOC - SOCIAL STUDIES (SPRING 2011) Native Hawaiian/Pacific Islander**

<b>Subject</b>	<b>Test Objective</b>	<b>K<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean<sup>3</sup> P-Value</b>
U.S. History	COMPLETE SUBTEST	68	000142	37.197	12.899	0.918	3.694	54.701
	History	26	000142	14.049	5.299	0.815	2.279	54.034
	Geography and Culture	14	000142	8.282	3.243	0.753	1.612	59.157
	Government and Citizenship	10	000142	4.993	2.089	0.493	1.487	49.930
	Economics and Technology	18	000142	9.873	3.826	0.753	1.901	54.850
World Geography	COMPLETE SUBTEST	68	000164	42.628	12.673	0.921	3.562	62.688
	History, Government, and Citizenship	14	000164	8.317	3.170	0.734	1.635	59.407
	Geography	26	000164	16.445	5.018	0.806	2.210	63.250
	Culture	14	000164	9.268	2.857	0.695	1.578	66.200
	Economics, Science, Technology, and Society	14	000164	8.598	2.990	0.703	1.629	61.414

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

**EOC - SOCIAL STUDIES (SPRING 2011) White**

<b>Subject</b>	<b>Test Objective</b>	<b>K<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean<sup>3</sup> P-Value</b>
U.S. History	COMPLETE SUBTEST	68	031653	39.967	13.607	0.930	3.600	58.775
	History	26	031653	14.854	5.499	0.833	2.247	57.130
	Geography and Culture	14	031653	9.123	3.143	0.750	1.571	65.164
	Government and Citizenship	10	031653	5.406	2.484	0.677	1.412	54.060
	Economics and Technology	18	031653	10.584	3.946	0.779	1.855	58.800
World Geography	COMPLETE SUBTEST	68	040156	46.585	12.774	0.929	3.404	68.507
	History, Government, and Citizenship	14	040156	9.270	3.105	0.742	1.577	66.214
	Geography	26	040156	17.811	5.097	0.830	2.102	68.503
	Culture	14	040156	9.951	2.900	0.730	1.507	71.078
	Economics, Science, Technology, and Society	14	040156	9.553	2.986	0.724	1.569	68.235

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

**EOC - SOCIAL STUDIES (SPRING 2011) Two or More Races**

<b>Subject</b>	<b>Test Objective</b>	<b>K<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean<sup>3</sup> P-Value</b>
U.S. History	COMPLETE SUBTEST	68	001675	41.836	13.992	0.936	3.540	61.523
	History	26	001675	15.787	5.615	0.846	2.203	60.719
	Geography and Culture	14	001675	9.451	3.184	0.769	1.530	67.507
	Government and Citizenship	10	001675	5.650	2.523	0.694	1.396	56.500
	Economics and Technology	18	001675	10.949	4.041	0.794	1.834	60.827
World Geography	COMPLETE SUBTEST	68	001857	45.717	12.965	0.930	3.430	67.230
	History, Government, and Citizenship	14	001857	8.994	3.099	0.733	1.601	64.242
	Geography	26	001857	17.423	5.158	0.830	2.127	67.011
	Culture	14	001857	9.899	2.931	0.736	1.506	70.707
	Economics, Science, Technology, and Society	14	001857	9.401	3.083	0.741	1.569	67.150

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only