

Written Examinations

During this reporting period, 863 CDT written examinations were administered. Figure 1 shows a breakdown of the total number of written examinations administered.

Figure 1

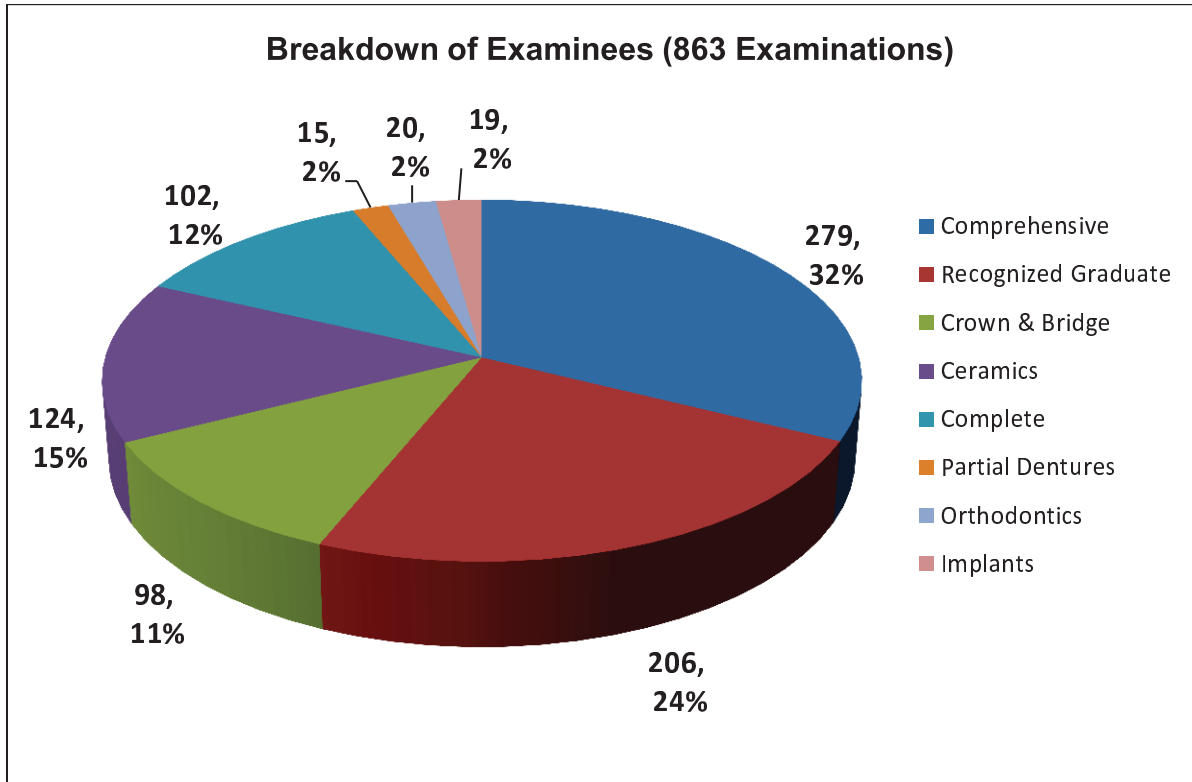


Figure 2

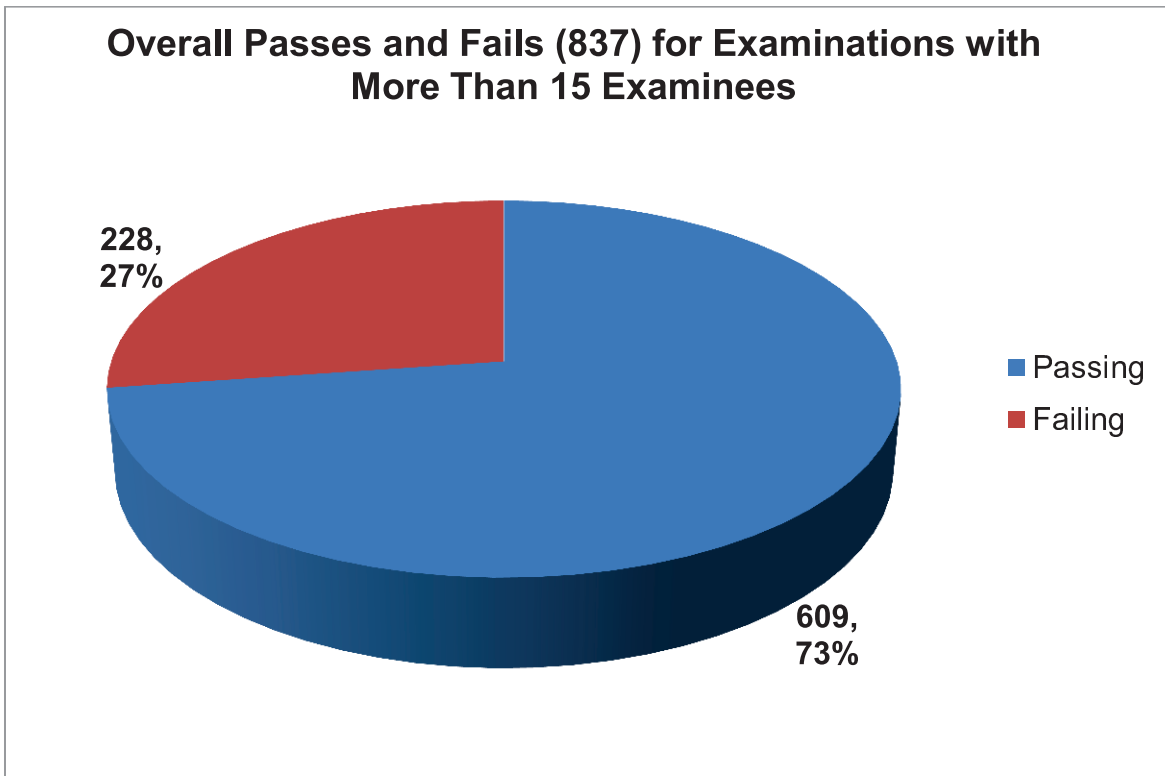


Figure 2 above shows the overall Pass and Fail results for all written exams.

Figures 3 – 14 show the percentages of passes to fails for each examination. Tables 2 – 14 present summary data for each examination. The minimum passing scores are noted as MPS. The data are reported separately for the passing, failing, and total group of candidates. Values reported for each group include the number of candidates, their average raw score, their average percentage correct score, the standard deviation of the raw scores, the lowest raw score, the median raw score, the highest raw score, and the percentage of the total group who passed and failed the examination (Rate).

Comprehensive Examination

There were two forms used for the Comprehensive Examination during 2012, Form 7 and Form 8.

Figure 3

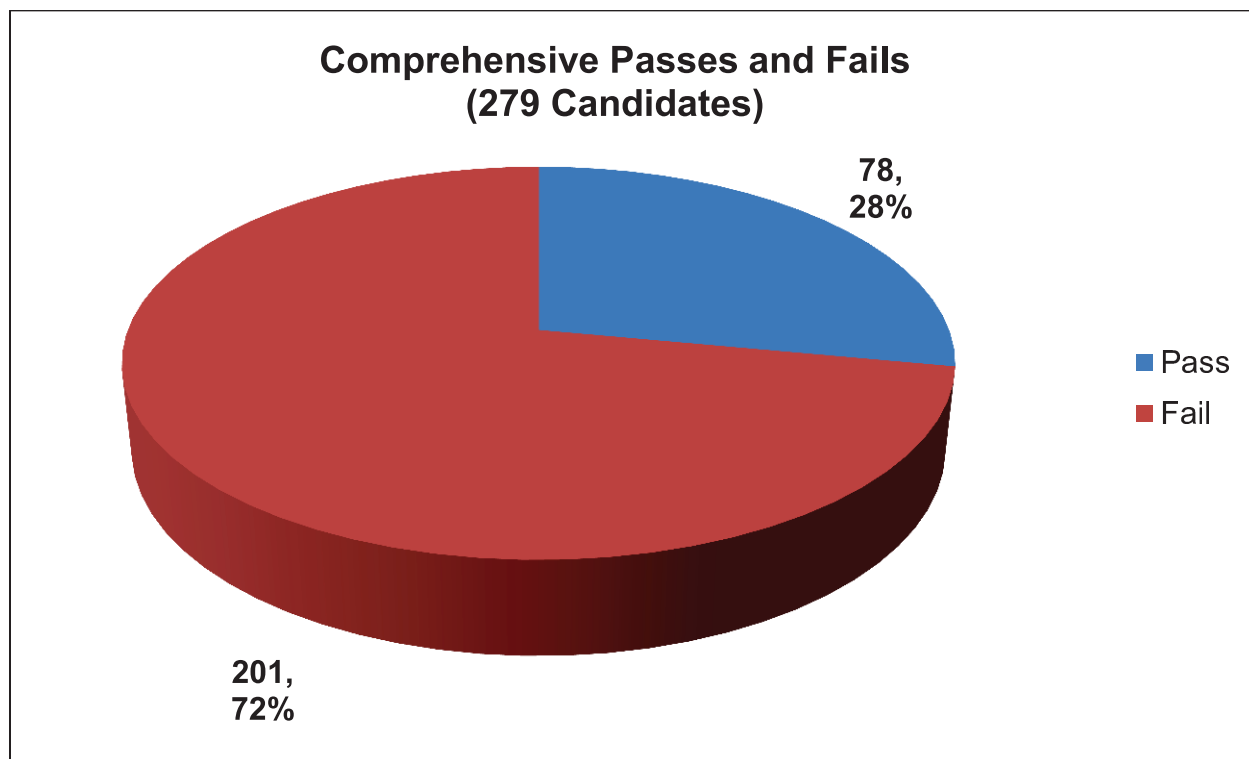


Table 2

Comprehensive Form 7 Summary Statistics (MPS = 64.37%)

	Number	Avg	% Avg	Std Dev	Lowest	Median	Highest	Rate
Passing	174	121.5	76%	10.2	104	122	146	71.60%
Failing	69	91.4	57%	9.9	56	94	102	28.40%
Total	243	112.9	71%	16.9	56	115	146	

Table 3

Comprehensive Form 8 Summary Statistics (MPS = 64.37%)

	Number	Avg	% Avg	Std Dev	Lowest	Median	Highest	Rate
Passing	27	118.7	74%	7.6	105	117	135	75.00%
Failing	9	82.0	51%	10.8	67	83	99	25.00%
Total	36	109.6	68%	18.1	67	115	135	

Form 7 had a pass rate similar to previous years as forms vary between 69% and 80% (e.g., 2010 Form 6 = 69%). Form 8 had a pass rate similar to previous years. Form 8 provides an opportunity to examine the impact of a scrambled test form. That is, if the passing rate decreased sharply and pattern analysis showed unusual response patterns in examinee responses, then the test security would need to be reexamined. The passing rate actually increased slightly (probably due to sample size differences) so there does not seem to be obvious issues in security based on item order. The use of scrambled forms is a good strategy for added security in any testing program.

Recognized Graduate Examination

Figure 4

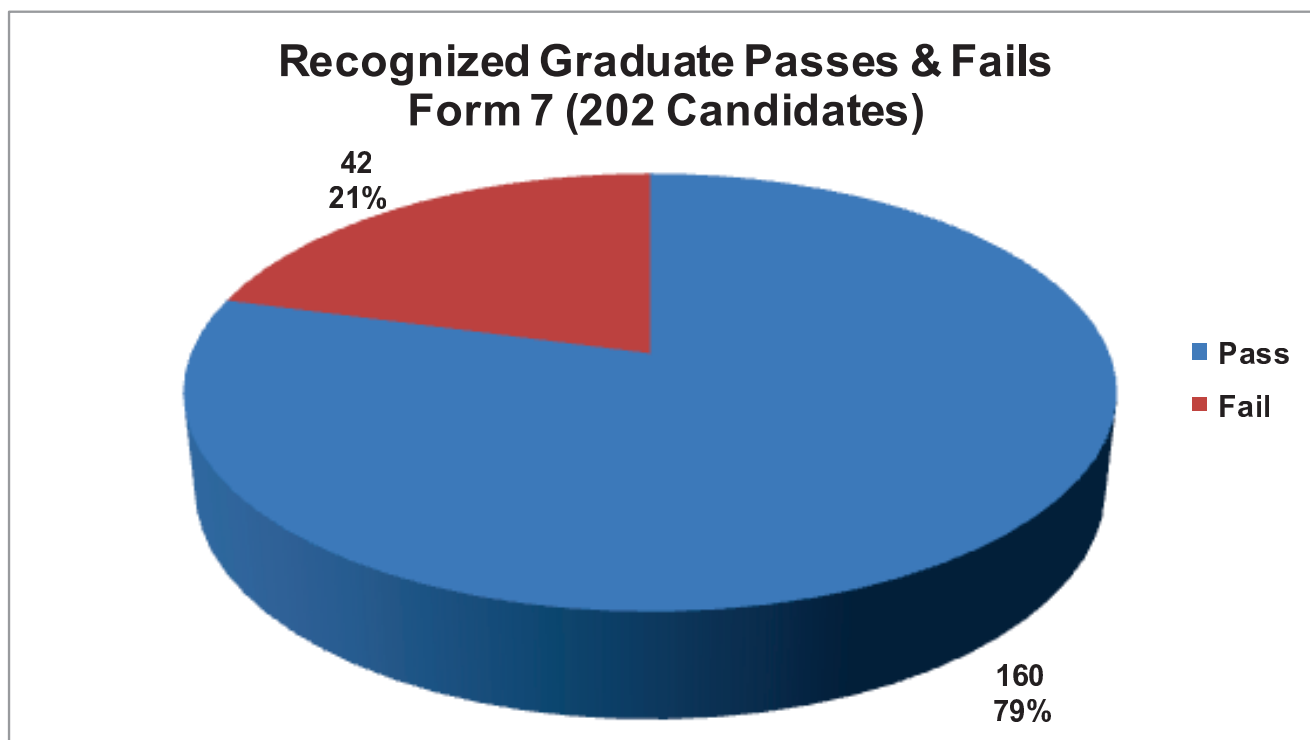


Table 4

Recognized Graduate and Comprehensive Summary Statistics (MPS 64.37%)

	Number	Avg	% Avg	Std Dev	Lowest	Median	Highest	Rate
Passing	160	123.3	77%	11.6	103	122	152	79.20%
Failing	42	89.3	56%	12.9	50	93	102	20.79%
Total	202	116.2	73%	18.2	50	119	152	

The RG passing rate is typically higher than the CO passing rate so the passing rate of Form 7 is consistent with previous years. RG Form 8 only had 4 examinees by the end of the 2012 year so the sample size was too small for analysis. The RG Forms 7 and 8

will be combined for the annual RG School Report, covering examinee performance from August. 1, 2012 to July 31, 2013.

Comprehensive and Recognized Graduate Examinations Combined

Figure 5

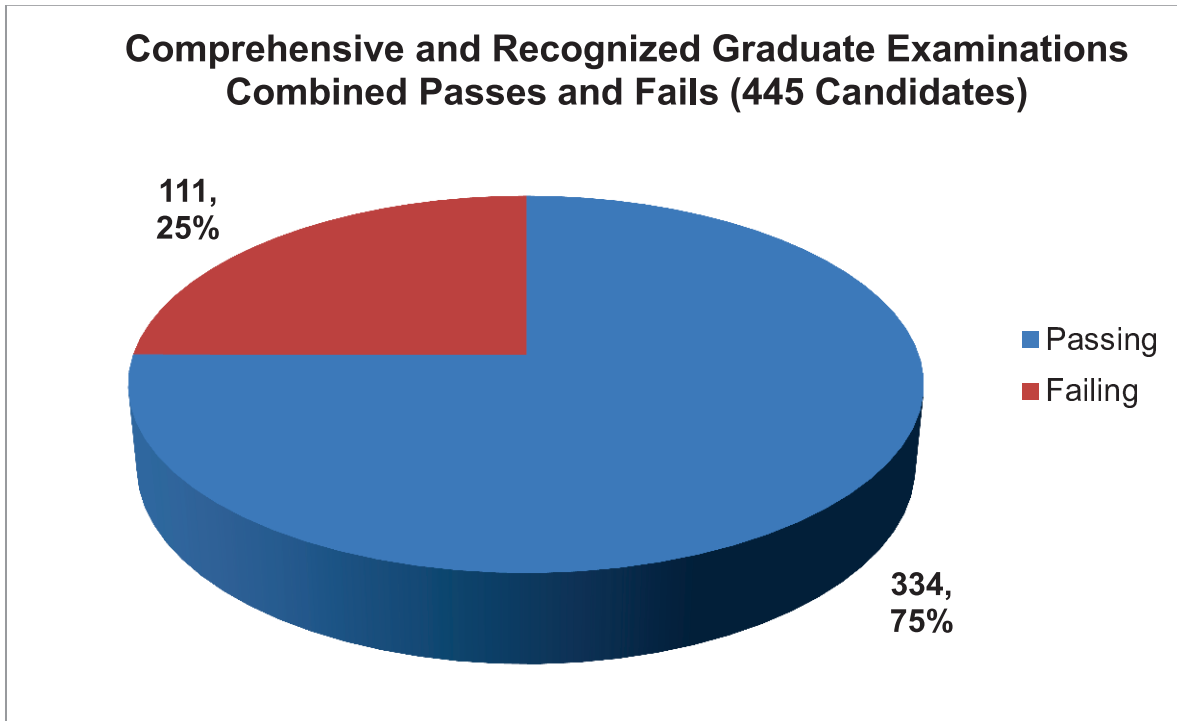


Table 5

Recognized Graduate and Comprehensive Summary Statistics (MPS 64.37%)

	Number	Avg	% Avg	Std Dev	Lowest	Median	Highest	Rate
Passing	334	122.3	76%	11.0	103	122	152	75.06%
Failing	111	90.6	57%	11.2	50	94	102	24.94%
Total	445	114.4	72%	17.6	50	116	152	

The passing rate for the combined group of Comprehensive and RG candidates was 75% which is similar to previous years.

Complete Denture Examination

Figure 6

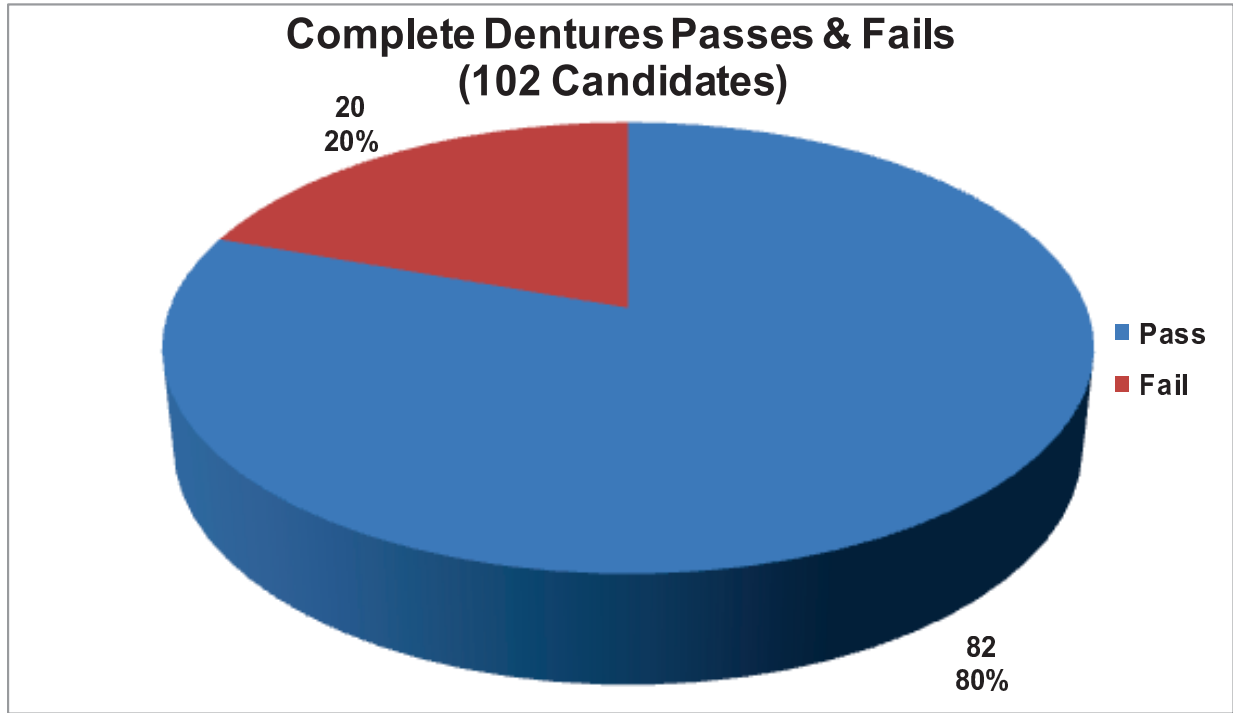


Table 6

Complete Dentures Form 7 Summary Statistics (MPS = 67%)

	Number	Avg	% Avg	Std Dev	Lowest	Median	Highest	Rate
Passing	82	63.5	79%	4.9	54	64	73	80.39%
Failing	20	47.3	59%	6.0	30	49	53	19.61%
Total	102	60.3	75%	8.2	30	62	73	

Partial Denture Examination

Figure 7

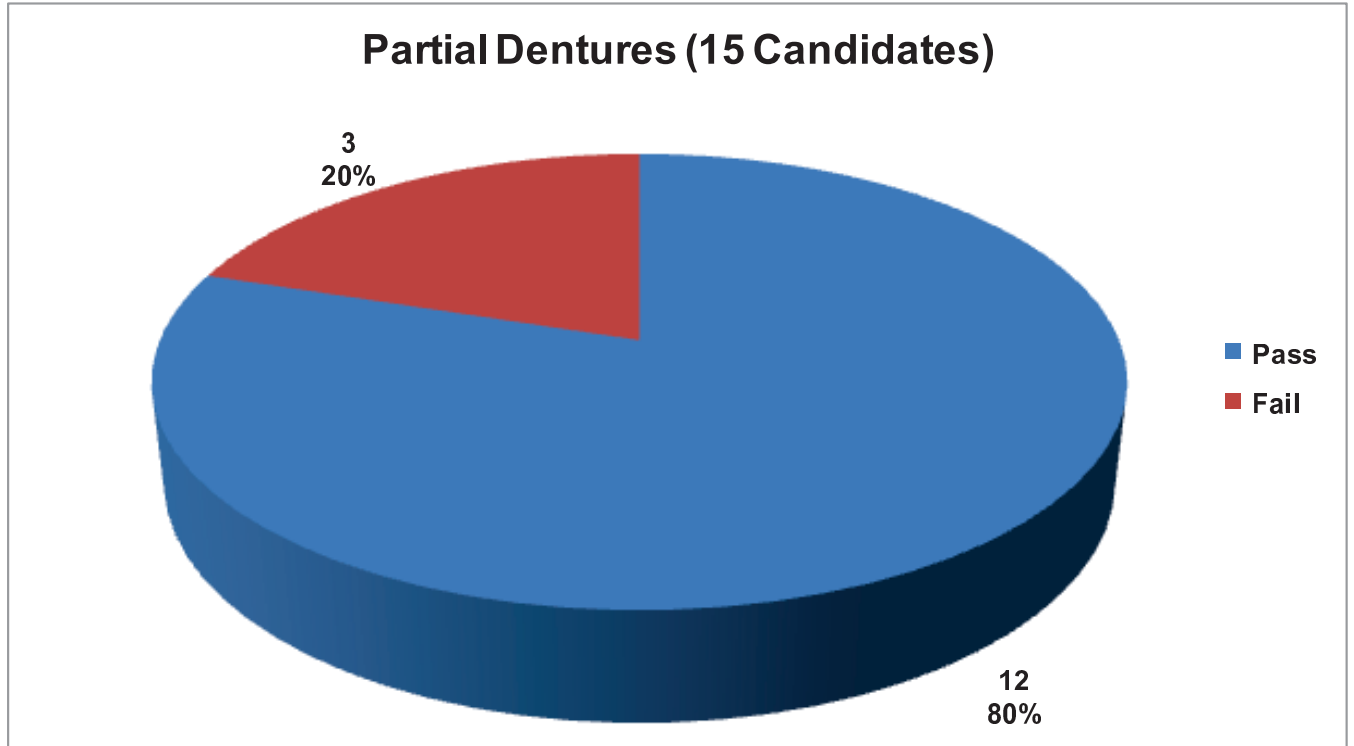


Table 7

Partial Dentures Form 7 Summary Statistics (MPS = 60%)

	Number	Avg	% Avg	Std Dev	Lowest	Median	Highest	Rate
Passing	12	56.3	70%	7.0	48	54	71	80.00%
Failing	3	43.0	54%	2.4	40	43	46	20.00%
Total	15	53.6	67%	8.3	40	53	71	

Ceramics Examination

Figure 8

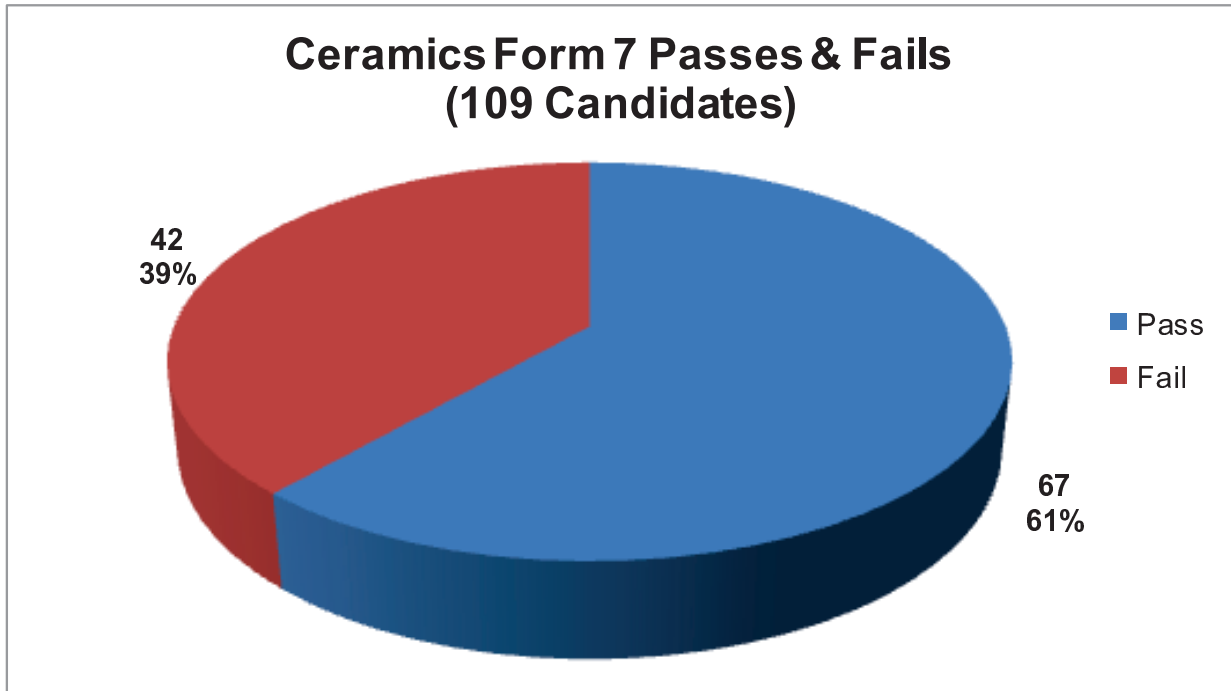


Table 8

Ceramics Form 7 Summary Statistics (MPS = 65%)

	Number	Avg	% Avg	Std Dev	Lowest	Median	Highest	Rate
Passing	67	59.5	74%	5.8	52	58	73	61.15%
Failing	42	43.8	55%	5.4	28	45	51	38.53%
Total	109	53.5	67%	9.5	28	53	73	

Crown and Bridge Examination

Figure 9

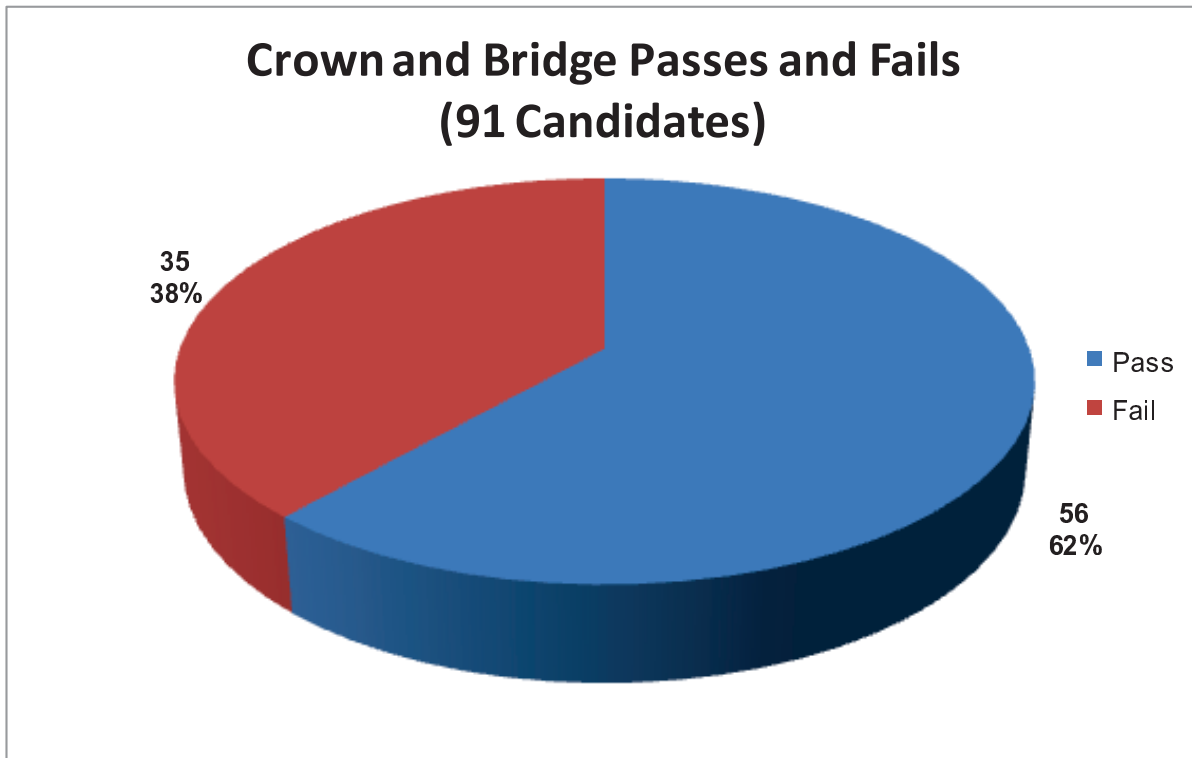


Table 9

Crown and Bridge Form 7 Summary Statistics (MPS = 65%)

	Number	Avg	% Avg	Std Dev	Lowest	Median	Highest	Rate
Passing	56	58.9	74%	5.1	52	58	72	61.15%
Failing	35	46.5	58%	4.1	36	47	51	38.46%
Total	91	54.1	68%	7.7	36	54	72	

Orthodontics Examination

Figure 10

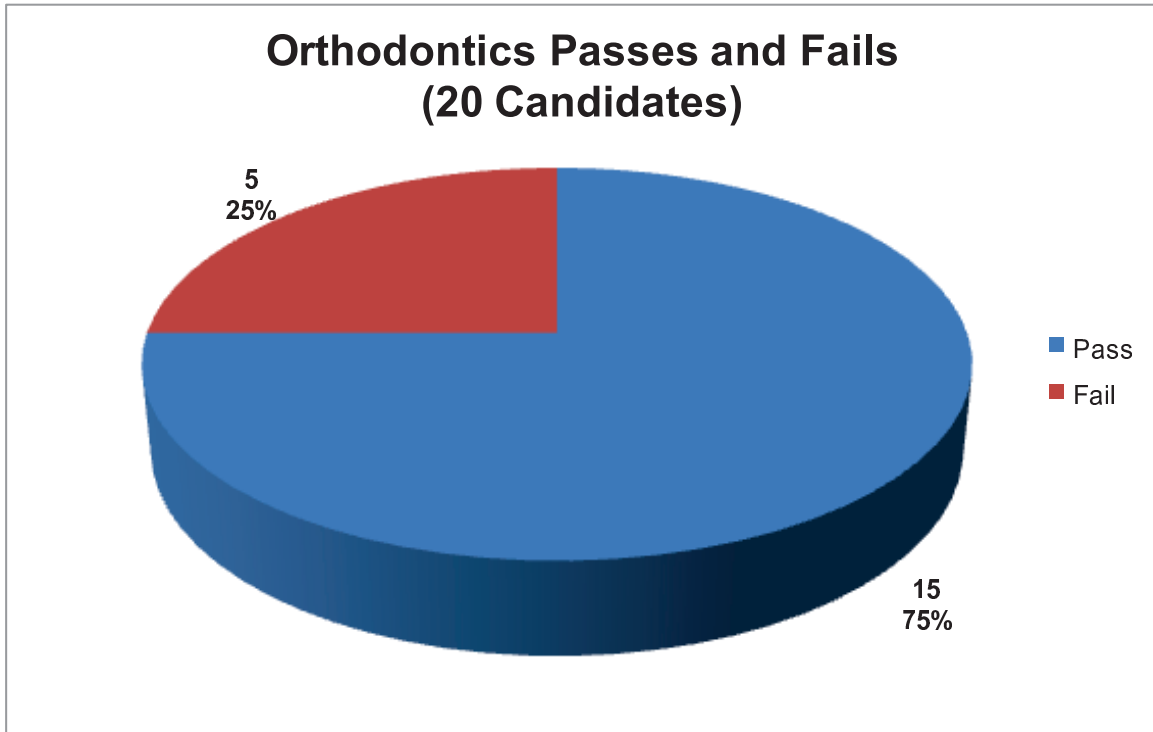


Table 10

Orthodontics Form 7 Summary Statistics (MPS = 60%)

	Number	Avg	% Avg	Std Dev	Lowest	Median	Highest	Rate
Passing	15	52.7	66%	3.4	49	51	60	75.00%
Failing	5	43.2	54%	2.6	40	43	47	25.00%
Total	20	50.3	63%	5.2	40	51	60	

Implants Examination

Figure 11

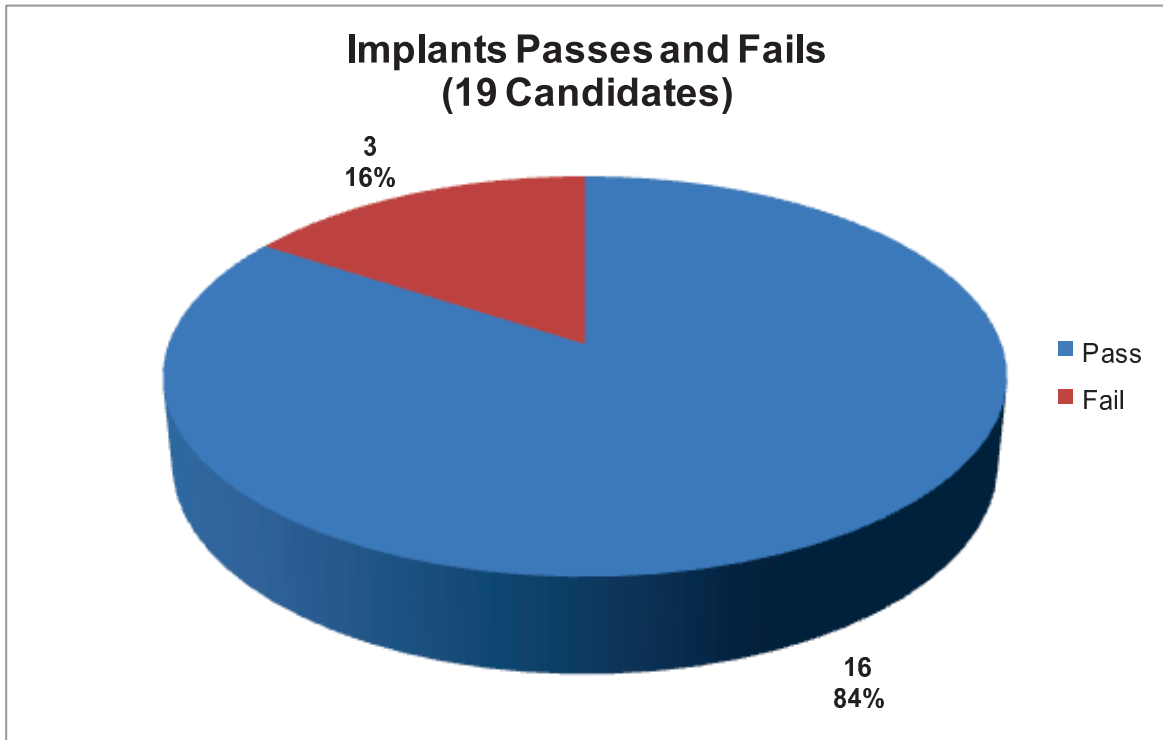


Table 11

Implants Form 1 Summary Statistics (MPS = 62%)

	Number	Avg	% Avg	Std Dev	Lowest	Median	Highest	Rate
Passing	16	57.9	72%	3.3	52	59	63	84.21%
Failing	3	44.7	56%	1.7	43	44	47	15.79%
Total	19	55.8	70%	5.8	43	58	63	