

NBC

National Board for Certification in
Dental Laboratory Technology



2018 NBC Annual Report

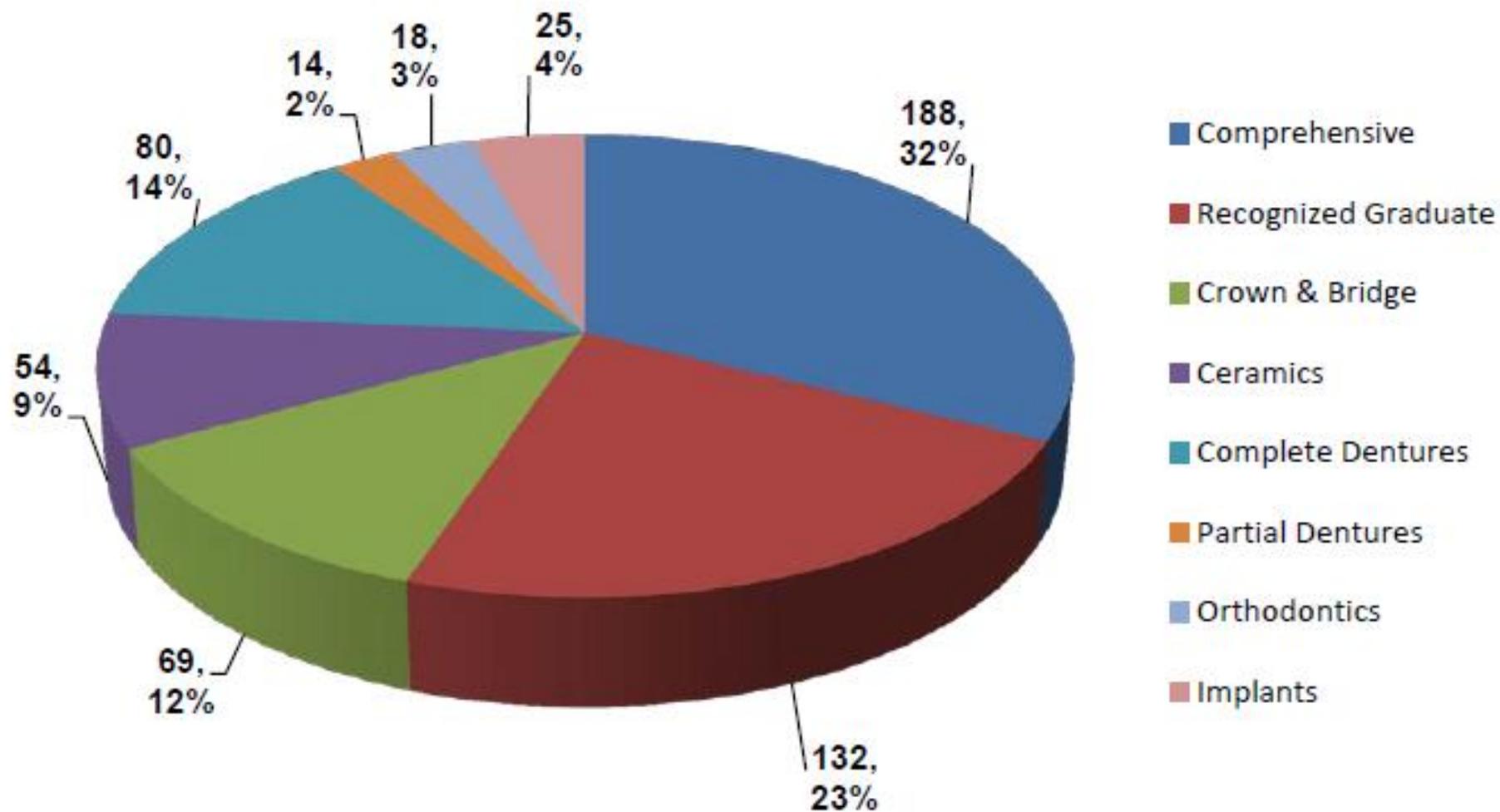
This report provides an excerpt of candidate and examination performance (descriptive statistics, reliability estimates, and item analyses) for the CDT certification programs during the period of January 1, 2018 through December 31, 2018.

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Written Examination Statistics

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Breakdown of Examinees (580 Examinations)



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Table 3: 2018 CDT Written Exam Pass Rates Summary

2018	Total	Passing	Failing	% Pass
Comprehensive Form 20*	10	N/A	N/A	N/A
Recognized Graduate Form 10*	14	N/A	N/A	N/A
Comprehensive Form 21	178	121	57	67.98%
Recognized Graduate Form 11	118	94	24	79.66%
Ceramics Form 60	54	33	21	61.11%
Crown & Bridge Form 50	69	51	18	73.91%
Complete Dentures Form 30	80	62	18	77.50%
Implants Form 80	25	18	7	72.00%
Orthodontics Form 70	18	15	3	83.33%
Partial Dentures Form 40*	14	N/A	N/A	N/A
All Written Exams	580			
All Written Exams (not including N/A)	542	394	148	72.69%
<p>*These forms were not administered to more than 15 examinees and therefore the forms will not be analyzed per contract agreement. The rationale for this is that small samples can give misleading results. For example, if a test form had only five examinees and the examinees were all high performing examinees, the passing rate for the form could be 100 percent. The "true" passing rate for the test form might be only 80 percent. All examination descriptive statistics are impacted by sample size including reliability data.</p>				

Table 6: 2018 CDT Indices of Dependability for Written Examinations

2018 Written Examinations	Form	Total Examinees	Index of Dependability
Comprehensive*	20	10	N/A
Recognized Graduate*	10	14	N/A
Comprehensive	21	178	0.966
Recognized Graduate	11	118	0.963
Ceramics	60	54	0.884
Crown & Bridge	50	69	0.908
Complete Dentures	30	80	0.906
Implants	80	25	0.912
Orthodontics	70	18	0.923
Partial Dentures*	40	14	N/A

**Values for examinations with less than fifteen examinees are not calculated per contract.*

Practical Examination Statistics

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Figure 2: 2018 CDT Practical Examinations Breakdown of Examinees

Breakdown of Examinees (243 Examinations)

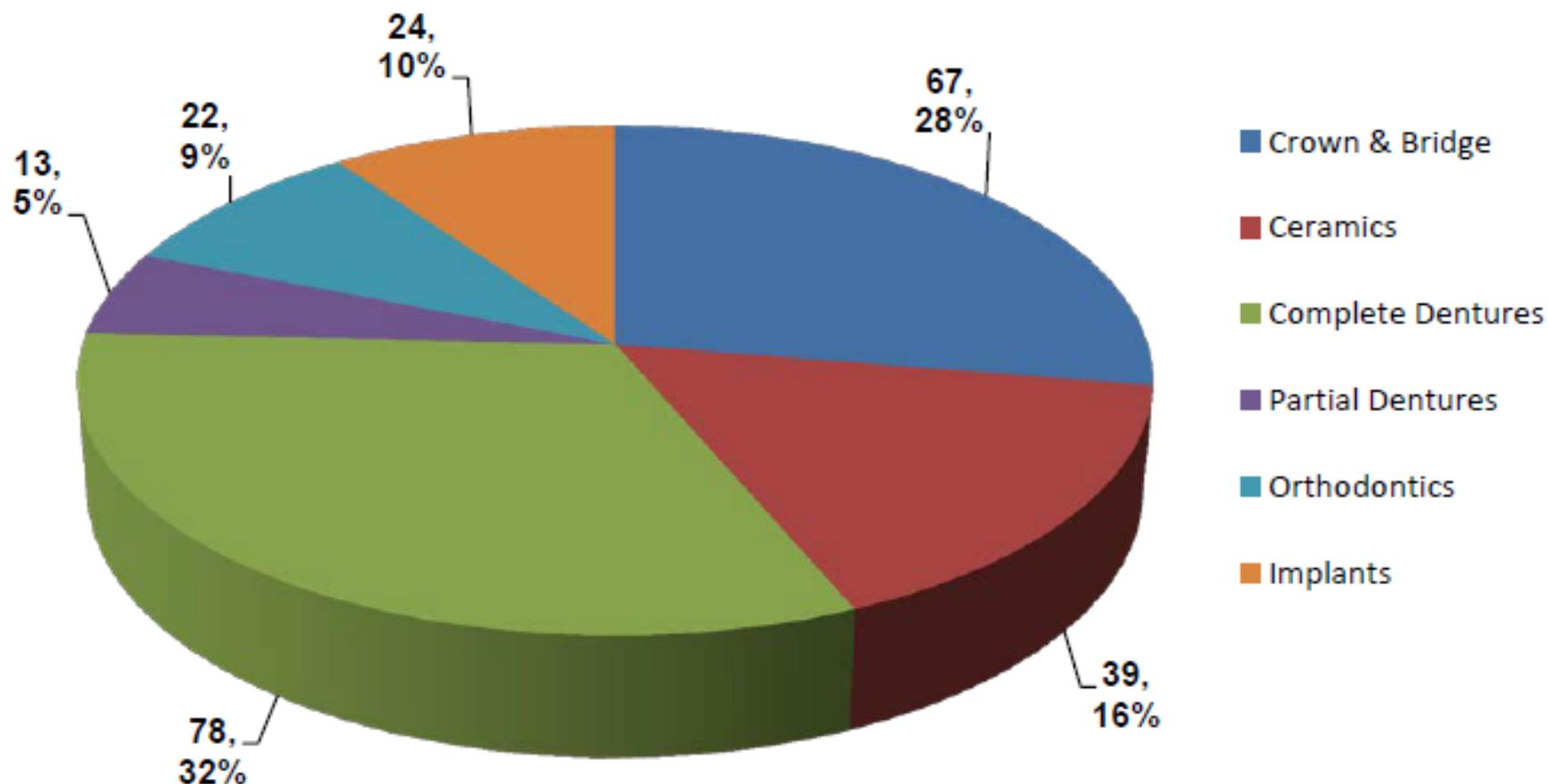


Table 8: 2018 CDT Practical Exam Pass Rates Summary

2018	Total	Passing	Failing	% Pass
Ceramics	39	35	4	89.74%
Complete Dentures	78	50	28	64.10%
Crown & Bridge	67	51	16	76.12%
Orthodontics	22	14	8	63.64%
Implants	24	16	8	66.67%
Partial Dentures*	13	N/A	N/A	N/A
All Practical Exams	243			
All Practical Exams (not including N/A)	230	166	64	72.17%

*This specialty exam was not administered to more than 15 examinees and therefore will not be analyzed per contract agreement. The rationale for this is that small samples can give misleading results. For example, if a test form had only five examinees and the examinees were all high performing examinees, the passing rate for the form could be 100 percent. The “true” passing rate for the test form might be only 80 percent. All examination descriptive statistics are impacted by sample size including reliability data.