



Course #1

Compliance with CoARC Standards:
What are the key elements from
NBRC reports?



Objectives

- Review users' issues with the electronic eligibility database.
- Interpret information from NBRC reports that summarize performances of a program's graduates.
- Create action plans as requested by CoARC based on a program's analysis of information from NBRC reports.



Support for School Summary Reports

- Ami Bishop
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Frequent Issues Needing Support

- Date range is too narrow in the **Credentials Earned Report**
 - What credentials did 2016 graduates earn?
 - Using 1/1/2016 through 12/31/2016 will exclude grads who tested in 2017
 - Best to set end-date to the current day
- Forgotten username or password
 - Use '**Reset Password**' from the login screen or contact Ami Bishop
- Neglect to submit annual EED enrollment form before Jan 15th
 - Required annually because personnel can change in programs
 - Printed from the **Reports** menu
- Erroneous data entry
 - ID number
 - Graduation date



Run Reports from the Electronic Eligibility Database



- Home
- News
- SAE
- Student Information
- Reports**
- SAE Reports
- User Maintenance
- Change Password
- Links
- Contact Us
- Superuser Menu
- Logout

- Credentials Earned Report
- CSE Percentage Student Performance Report - Effective 1/15/2015
- CSE Percentage Subscores by Content Domain - Effective 1/15/2015
- CSE School Score Report - Effective thru 12/31/2014
- CSE School Summary Report - Effective 1/15/2015
- Graduate Listing
- NBRC Annual School Summary
- NBRC EED Enrollment Form
- NBRC Written Registry and CSE Passers - Effective thru 12/31/2014
- School Score Report - Effective thru 12/31/2014
- TMC School Summary Report - Effective 1/15/2015
- TMC Student Performance Report - Effective 1/15/2015
- TMC Subscores by Content Domain - Effective 1/15/2015



Recommended Report Review Strategy – Follow a Group

NBRC Annual School Summary

Report as of 6/02/2017

PROGRAM B - 200XXX

Exam: TMC - Low Cut

Graduation Year	Graduates Tested	Total	Passing %	Passing	First Time %	Passing	Repeaters %
2014	13	11	84.6%	6	46.2%	5	38.5%
2015	22	20	90.9%	7	31.8%	13	59.1%
2016	18	14	77.8%	9	50%	5	27.8%

Exam: TMC - High Cut

Graduation Year	Graduates Tested	Total	Passing %	Passing	First Time %	Passing	Repeaters %
2014	13	10	76.9%	5	38.5%	5	38.5%
2015	22	14	63.6%	5	22.7%	9	40.9%
2016	18	11	61.1%	6	33.3%	5	27.8%

Exam: CSE

Graduation Year	Graduates Tested	Total	Passing %	Passing	First Time %	Passing	Repeaters %
2014	10	9	90%	2	20%	7	70%
2015	11	10	90.9%	1	9.1%	9	81.8%
2016	7	6	85.7%	5	71.4%	1	14.3%

There is no date range to worry about since results are organized by graduation year.



NBRC School Summary (continued)

GRADUATION YEAR	CRT	RRT
2016	14	6
2015	20	10
2014	11	9

Graduates

18

22

13



TMC Details

TMC School Summary Report

PROGRAM B - 200XXX

01/15/2015 through 05/31/2017

Low Cut:

All Candidate Summary		Program Pass %	National Pass %	% of National
Total	200	38.00%	67.12%	56.62%
Passing	76			
Failing	124			

High Cut:

All Candidate Summary		Program Pass %	National Pass %	% of National
Total	200	20.00%	53.40%	37.45%
Passing	40			
Failing	160			

New Candidate Summary		Program Pass %	National Pass %	% of National
Total	52	42.31%	83.48%	50.68%
Passing	22			
Failing	30			

New Candidate Summary		Program Pass %	National Pass %	% of National
Total	52	30.77%	74.59%	41.25%
Passing	16			
Failing	36			

Repeat Candidate Summary		Program Pass %	National Pass %	% of National
Total	148	36.49%	48.71%	74.91%
Passing	54			
Failing	94			

Repeat Candidate Summary		Program Pass %	National Pass %	% of National
Total	148	16.22%	29.56%	54.87%
Passing	24			
Failing	124			

You control the date range, so you control the number of people included in this report.



TMC Details (continued)

TMC Subscores by Content Domain

PROGRAM B - 200XXX

1/15/2015 through 5/31/2017

	Total Raw Score	1A	1B	1C	1D	1E	1TOT	2A	2B	2C	2TOT	3A	3B	3C	3D	3E	3F	3G	3H	3I	3TOT
High Cut Score: 94	140	8	13	12	11	11	55	15	2	3	20	9	6	9	5	19	6	4	4	3	65
Low Cut Score: 88																					

All Candidate Summary

Total	200	Program Mean Score	83.7	4.6	8.2	6.7	6.5	7.7	33.7	8.1	1.5	1.9	11.5	6.0	3.4	4.8	3.1	10.4	3.7	2.5	2.9	1.9	38.7
Passing	76	National Mean	94.9	5.4	8.9	8.1	7.5	7.9	37.8	10.0	1.5	2.1	13.6	6.2	3.7	5.9	3.6	12.4	4.1	2.8	2.9	2.2	43.8
Failing	124	% of National Mean	88%	86%	93%	83%	87%	97%	89%	82%	100%	93%	85%	96%	91%	81%	86%	83%	89%	91%	100%	85%	88%

New Candidate Summary

Total	52	Program Mean Score	85.2	4.8	8.3	7.1	6.4	7.4	34.0	8.4	1.5	1.9	11.8	6.2	3.8	4.8	2.9	10.7	3.8	2.5	2.8	2.0	39.5
Passing	22	National Mean	102.6	5.9	9.5	8.8	8.1	8.3	41.0	10.8	1.5	2.2	15.0	6.6	4.1	6.5	3.8	13.5	4.5	3.0	3.1	2.3	48.0
Failing	30	% of National Mean	83%	82%	87%	81%	79%	89%	80%	77%	96%	86%	73%	93%	92%	74%	77%	79%	85%	85%	89%	87%	85%



Repeat Candidate Summary

Total	148	Program Mean Score	83.1	4.5	8.2	6.5	6.5	7.8	33.5	8.0	1.5	1.9	11.4	5.9	3.3	4.8	3.1	10.3	3.6	2.5	2.9	1.8	38.1
Passing	54	National Mean	86.2	4.8	8.1	7.2	6.7	7.4	34.2	8.9	1.4	1.9	12.2	5.7	3.3	5.2	3.3	11.2	3.7	2.6	2.7	2.1	39.8
Failing	94	% of National Mean	96%	95%	101%	90%	97%	105%	98%	90%	105%	99%	93%	103%	97%	92%	95%	91%	97%	97%	111%	89%	96%



What program changes should be planned?

- **1.D – Evaluate Procedure Results section** containing 22 tasks
- **2.A – Assemble and Troubleshoot Equipment** section containing 25 tasks
- **3.C – Support Oxygenation and Ventilation** section containing 8 tasks
- **3.D – Administer Medications and Specialty Gases** section containing 4 tasks
- **3.E – Ensure Modifications are Made to the Respiratory Care Plan** section containing 28 tasks



CSE Details

CSE School Summary Report

PROGRAM B - 200XXX
01/15/2015 through 05/31/2017

All Candidate Summary		Program Pass %	National Pass %	% of National
Total	73	39.73%	50.33%	78.92%
Passing	29			
Failing	44			

New Candidate Summary		Program Pass %	National Pass %	% of National
Total	32	28.13%	56.32%	49.94%
Passing	9			
Failing	23			

Repeat Candidate Summary		Program Pass %	National Pass %	% of National
Total	41	48.78%	43.97%	110.93%
Passing	20			
Failing	21			

Graduates struggle on the first attempt, but pass at a higher rate than others in the repeat group on subsequent attempts.

Note that the repeat group includes those who make a 2nd, 3rd, 4th, N attempt.



CSE Details (continued)

CSE Percentage Subscores by Content Domain

PROGRAM B

1/1/2015 through 5/31/2017

			Total	1A	1B	1C	1D	1E	1TOT	2A	2B	2TOT	3A	3B	3C	3D	3E	3F	3G	3H	3I	3TOT	IG	DM
All Candidate Summary																								
Total	64	Program Mean	52	38	47	20	30	29	57	46	76	34	51	35	45	54	48	0	47	-23	49	46	58	43
Passing	23	National Mean	52	36	45	28	32	32	58	54	76	37	52	45	47	49	51	21	36	-25	40	45	58	43
Failing	41	% of National Mean	100	106	104	71	94	91	98	85	100	92	98	78	96	110	94	0	131	8	123	102	100	100
New Candidate Summary																								
Total	25	Program Mean	51	37	49	17	27	30	56	43	76	28	53	33	40	49	47	-10	52	-33	46	44	57	41
Passing	4	National Mean	53	64	66	63	64	55	58	63	76	35	37	23	45	65	50	-7	37	0	58	44	58	44
Failing	21																							
		% of National Mean	96	58	74	27	42	55	97	68	100	80	143	143	89	75	94	43	141	-	79	100	98	93
Repeat Candidate Summary																								
Total	39	Program Mean	53	38	45	22	32	28	57	48	76	38	50	36	47	57	49	6	44	-19	51	47	58	45
Passing	19	National Mean	51	36	46	26	32	31	58	51	73	38	52	43	46	49	49	18	35	-29	38	46	58	42
Failing	20	% of National Mean	104	106	98	85	100	90	98	92	104	100	96	84	102	116	100	33	126	34	134	102	100	107

Again, you control the date range and the N



What program changes should be planned?

- Decision Making
- Information Gathering



What program changes should be planned?

- **1.C – Perform Procedures to Gather Clinical Information** section containing 23 tasks
- **1.D – Evaluate Procedure Results** section containing 22 tasks
- **1.E – Recommend Diagnostic Procedures** section containing 14 tasks
- **3.F – Utilize Evidence-Based Medicine Principles** section containing 3 tasks



CSE Details (continued)

New report,
available August 2017

CSE Percentage Subscores by Problem Types

PROGRAM B

1/1/2015 through 5/29/2017

Total	A1. COPD conservative management	A2. COPD critical care management	B. Adult trauma	C. Adult cardiovascular	D. Adult neurological or neuromuscular	E. Pediatric	F. Neonatal	G. Adult medical or surgical
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All Candidate Summary

Total	70	Program Mean	63	58	61	61	69	69	67	54	62
Passing	26	National Mean	63	60	63	60	69	71	70	57	62
Failing	44	% of National Mean	100	97	97	102	100	97	96	95	100

New Candidate Summary

Total	30	Program Mean	61	56	59	60	70	70	65	50	58
Passing	7	National Mean	64	69	63	71	75	79	76	63	65
Failing	23	% of National Mean	95	81	94	85	93	89	86	79	89



Repeat Candidate Summary

Total	40	Program Mean	63	59	63	61	67	67	68	57	64
Passing	19	National Mean	63	59	63	60	67	71	69	56	61
Failing	21	% of National Mean	100	100	100	102	100	94	99	102	105



What program changes should be planned?

- Neonatal
- COPD conservative management
- Adult trauma
- Pediatric



Behind the Scenes

- Candidate database is being rebuilt inside the NBRC network.
- Report generation will migrate away from the AMP (PSI) network.
- The website will be updated, again inside the NBRC network.



Discuss Handout



Annual School Summary

NBRC Annual School Summary

Report as of 6/02/2017

PROGRAM A - 200XXX

Exam: CRT

Graduation Year	Graduates Tested	Total	Passing %	Passing	First Time %	Passing	Repeaters %
2014	10	9	90%	6	60%	3	30%

Exam: TMC - Low Cut

Graduation Year	Graduates Tested	Total	Passing %	Passing	First Time %	Passing	Repeaters %
2014	2	2	100%	0	0%	2	100%
2015	13	10	76.9%	9	69.2%	1	7.7%
2016	7	7	100%	5	71.4%	2	28.6%
2017	6	6	100%	5	83.3%	1	16.7%

Exam: WRRT

Graduation Year	Graduates Tested	Total	Passing %	Passing	First Time %	Passing	Repeaters %
2014	8	7	87.5%	6	75%	1	12.5%

Exam: TMC - High Cut

Graduation Year	Graduates Tested	Total	Passing %	Passing	First Time %	Passing	Repeaters %
2014	2	1	50%	0	0%	1	50%
2015	13	10	76.9%	8	61.5%	2	15.4%
2016	7	6	85.7%	5	71.4%	1	14.3%
2017	6	5	83.3%	4	66.7%	1	16.7%

Exam: CSE

Graduation Year	Graduates Tested	Total	Passing %	Passing	First Time %	Passing	Repeaters %
2014	6	6	100%	4	66.7%	2	33.3%
2015	8	6	75%	3	37.5%	3	37.5%
2016	2	0	0%	0	0%	0	0%

GRADUATION YEAR	CRT	RRT
2017	6	0
2016	7	0
2015	10	6
2014	10	6



TMC School Summary

TMC School Summary Report

PROGRAM A - 200XXX
01/15/2015 through 05/31/2017

Low Cut:			
All Candidate Summary	Program Pass %	National Pass %	% of National
Total 87	54.02%	67.12%	80.49%
Passing 47			
Failing 40			

High Cut:			
All Candidate Summary	Program Pass %	National Pass %	% of National
Total 87	34.48%	53.40%	64.58%
Passing 30			
Failing 57			

New Candidate Summary	Program Pass %	National Pass %	% of National
Total 27	70.37%	83.48%	84.30%
Passing 19			
Failing 8			

New Candidate Summary	Program Pass %	National Pass %	% of National
Total 27	62.96%	74.59%	84.41%
Passing 17			
Failing 10			

Repeat Candidate Summary	Program Pass %	National Pass %	% of National
Total 60	46.67%	48.71%	95.81%
Passing 28			
Failing 32			

Repeat Candidate Summary	Program Pass %	National Pass %	% of National
Total 60	21.67%	29.56%	73.31%
Passing 13			
Failing 47			



TMC Subscores by Content Domain

TMC Subscores by Content Domain

PROGRAM A - 200XXX

1/15/2015 through 5/31/2017

	Total Raw Score	1A	1B	1C	1D	1E	1TOT	2A	2B	2C	2TOT	3A	3B	3C	3D	3E	3F	3G	3H	3I	3TOT
High Cut Score: 94	140	8	13	12	11	11	55	15	2	3	20	9	6	9	5	19	6	4	4	3	65
Low Cut Score: 88																					

All Candidate Summary

Total	87	Program Mean Score	86.7	4.7	8.0	7.1	7.0	7.5	34.3	9.4	1.6	1.9	12.9	5.5	3.3	5.0	3.0	11.4	3.9	2.7	2.5	2.2	39.5
Passing	47	National Mean	94.9	5.4	8.9	8.1	7.5	7.9	37.8	10.0	1.5	2.1	13.6	6.2	3.7	5.9	3.6	12.4	4.1	2.8	2.9	2.2	43.8
Failing	40	% of National Mean	91%	87%	91%	89%	94%	95%	91%	95%	107%	90%	95%	89%	87%	85%	85%	92%	94%	95%	87%	101%	90%

New Candidate Summary

Total	27	Program Mean Score	97.8	5.4	9.6	7.4	8.3	8.0	38.7	11.0	1.7	2.0	14.7	6.1	3.9	5.8	3.5	13.2	4.3	2.7	2.6	2.3	44.4
Passing	19	National Mean	102.6	5.9	9.5	8.8	8.1	8.3	41.0	10.8	1.5	2.2	15.0	6.6	4.1	6.5	3.8	13.5	4.5	3.0	3.1	2.3	48.0
Failing	8	% of National Mean	95%	92%	100%	84%	103%	96%	93%	102%	110%	93%	100%	93%	95%	89%	91%	97%	95%	92%	85%	101%	92%

Repeat Candidate Summary

Total	60	Program Mean Score	81.7	4.4	7.4	7.0	6.4	7.2	32.3	8.7	1.6	1.8	12.0	5.2	3.0	4.7	2.8	10.6	3.7	2.6	2.5	2.2	37.3
Passing	28	National Mean	86.2	4.8	8.1	7.2	6.7	7.4	34.2	8.9	1.4	1.9	12.2	5.7	3.3	5.2	3.3	11.2	3.7	2.6	2.7	2.1	39.8
Failing	32	% of National Mean	95%	91%	91%	97%	95%	98%	94%	97%	108%	93%	98%	91%	89%	90%	86%	95%	100%	101%	93%	105%	94%



CSE School Summary

CSE School Summary Report

PROGRAM A- 200XXX

01/15/2015 through 05/31/2017

<u>All Candidate Summary</u>		Program Pass %	National Pass %	% of National
Total	46	28.26%	50.33%	56.15%
Passing	13			
Failing	33			

<u>New Candidate Summary</u>		Program Pass %	National Pass %	% of National
Total	16	18.75%	56.32%	33.29%
Passing	3			
Failing	13			

<u>Repeat Candidate Summary</u>		Program Pass %	National Pass %	% of National
Total	30	33.33%	43.97%	75.80%
Passing	10			
Failing	20			



CSE Subscores by Content Domain

CSE Percentage Subscores by Content Domain

PROGRAM A

1/1/2015 through 5/31/2017

			Total	1A	1B	1C	1D	1E	1TOT	2A	2B	2TOT	3A	3B	3C	3D	3E	3F	3G	3H	3I	3TOT	IG	DM
All Candidate Summary																								
Total	40	Program Mean	51	39	46	22	32	29	56	46	75	32	53	40	49	46	44	15	35	-8	42	43	57	41
Passing	11	National Mean	52	36	45	28	32	32	58	54	76	37	52	45	47	49	51	21	36	-25	40	45	58	43
Failing	29	% of National Mean	98	108	102	79	100	91	97	85	99	86	102	89	104	94	86	71	97	68	105	96	98	95
New Candidate Summary																								
Total	15	Program Mean	48	36	46	18	32	26	53	39	84	29	55	35	44	43	44	8	36	-10	36	42	54	39
Passing	3	National Mean	53	64	66	63	64	55	58	63	76	35	37	23	45	65	50	-7	37	0	58	44	58	44
Failing	12																							
		% of National Mean	91	56	70	29	50	47	91	62	111	83	149	152	98	66	88	214	97	-	62	95	93	89
Repeat Candidate Summary																								
Total	25	Program Mean	52	41	47	24	32	31	58	50	72	34	52	42	51	48	44	19	35	-7	46	45	59	42
Passing	8	National Mean	51	36	46	26	32	31	58	51	73	38	52	43	46	49	49	18	35	-29	38	46	58	42
Failing	17	% of National Mean	102	114	102	92	100	100	100	98	99	89	100	98	111	96	90	106	100	76	121	98	102	100



CSE Subscores by Problem Type

CSE Percentage Subscores by Problem Types

PROGRAM A

1/1/2015 through 5/29/2017

			Total	A1. COPD conservative management	A2. COPD critical care management	B. Adult trauma	C. Adult cardiovascular	D. Adult neurological or neuromuscular	E. Pediatric	F. Neonatal	G. Adult medical or surgical
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All Candidate Summary

Total	46	Program Mean	61	56	62	60	62	72	66	51	59
Passing	13	National Mean	63	60	63	60	69	71	70	57	62
Failing	33	% of National Mean	97	93	98	100	90	101	94	89	95

New Candidate Summary

Total	16	Program Mean	58	56	57	59	59	68	63	46	55
Passing	3	National Mean	64	69	63	71	75	79	76	63	65
Failing	13	% of National Mean	91	81	90	83	79	86	83	73	85

Repeat Candidate Summary

Total	30	Program Mean	62	56	64	60	64	74	68	53	62
Passing	10	National Mean	63	59	63	60	67	71	69	56	61
Failing	20	% of National Mean	98	95	102	100	96	104	99	95	102



Questions

