

**ALBERTA POWER ENGINEER
EXAMINATION & CERTIFICATION STATISTICS
*1ST CLASS – 5TH CLASS***

2015 – 2019

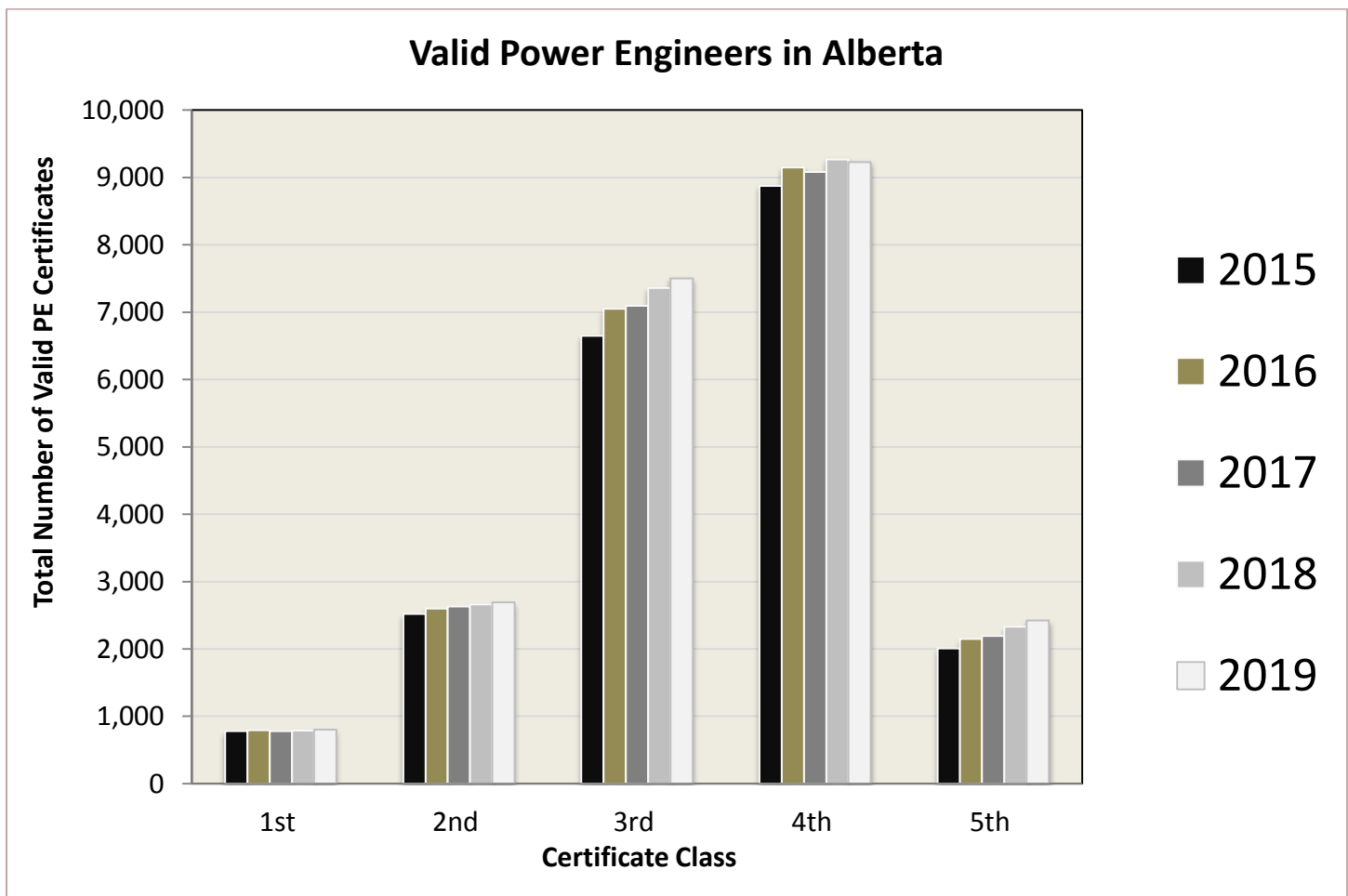
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CERTIFICATION

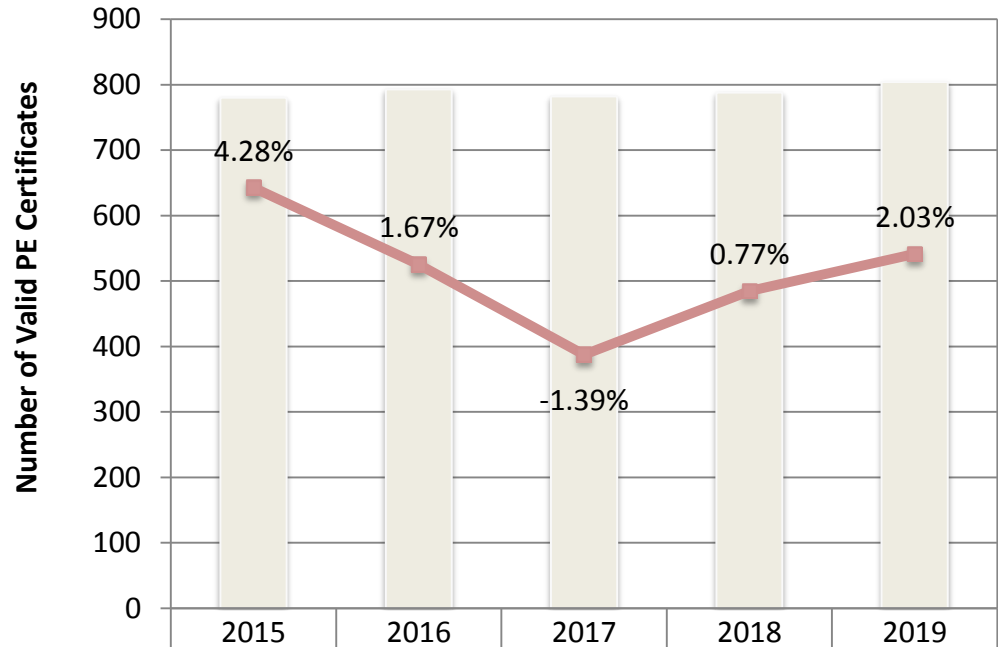
Valid Power Engineers in Alberta

Class	2015	2016	2017	2018	2019
1 st	780	793	782	788	804
2 nd	2,522	2,600	2,630	2,661	2,692
3 rd	6,651	7,054	7,096	7,359	7,503
4 th	8,874	9,149	9,085	9,270	9,230
5 th	2,010	2,150	2,196	2,329	2,424
Total	20,837	21,746	21,789	22,407	22,653



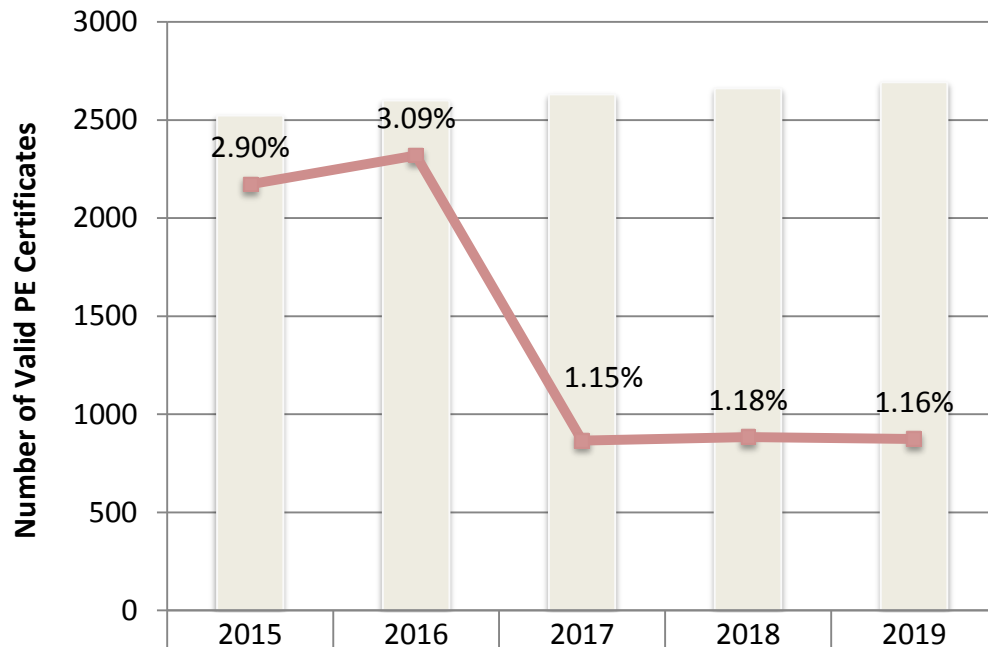
Valid Power Engineer Certificates in Alberta (by Class)

Valid 1st Class Certificates



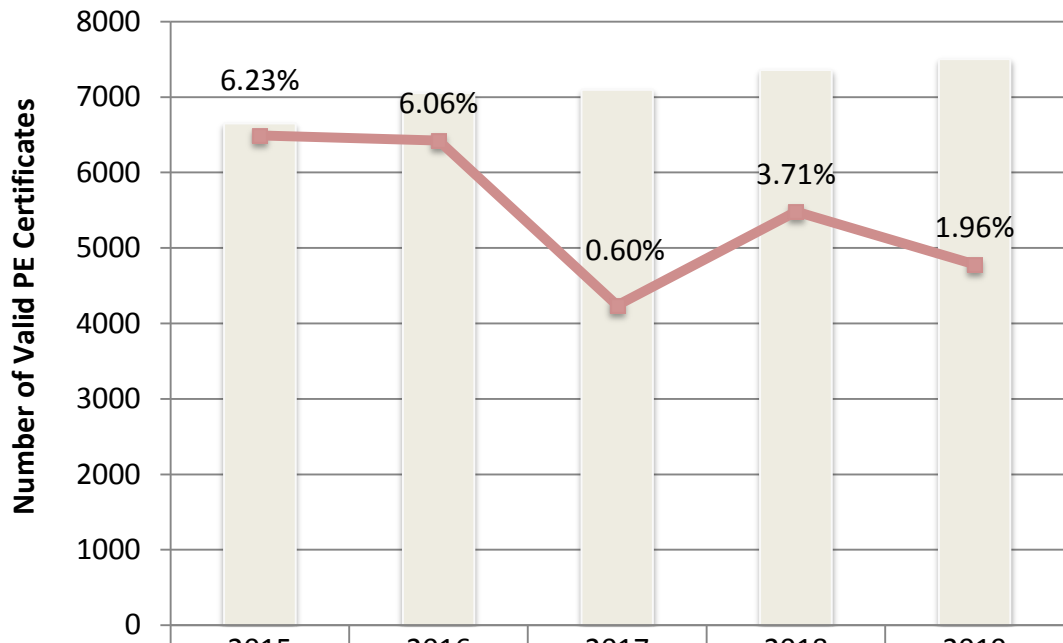
1st Class Certificates	780	793	782	788	804
% Change from Previous Year	4.28%	1.67%	-1.39%	0.77%	2.03%

Valid 2nd Class Certificates



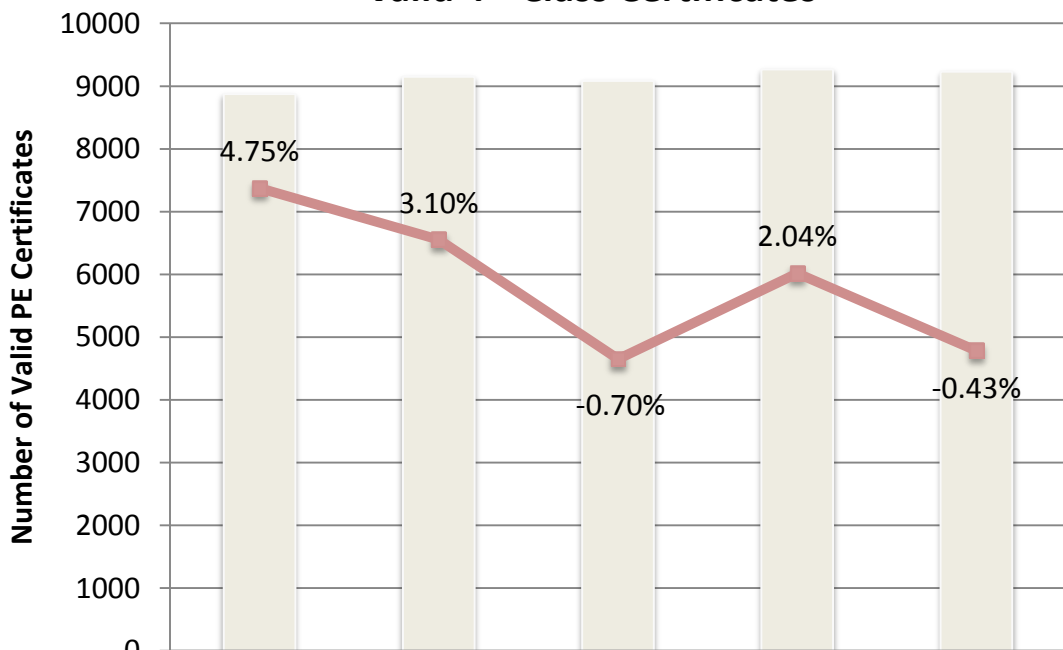
2nd Class Certificates	2522	2600	2630	2661	2692
% Change from Previous Year	2.90%	3.09%	1.15%	1.18%	1.16%

Valid 3rd Class Certificates



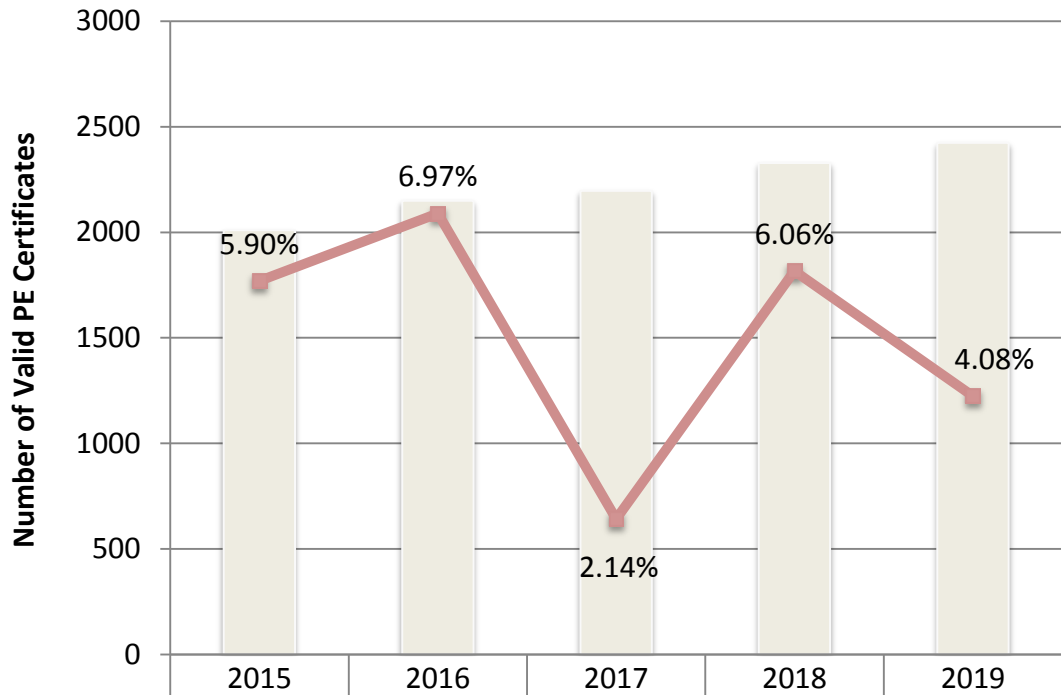
3rd Class Certificates	6651	7054	7096	7359	7503
% Change from Previous Year	6.23%	6.06%	0.60%	3.71%	1.96%

Valid 4th Class Certificates



4th Class Certificates	8874	9149	9085	9270	9230
% Change from Previous Year	4.75%	3.10%	-0.70%	2.04%	-0.43%

Valid 5th Class Certificates

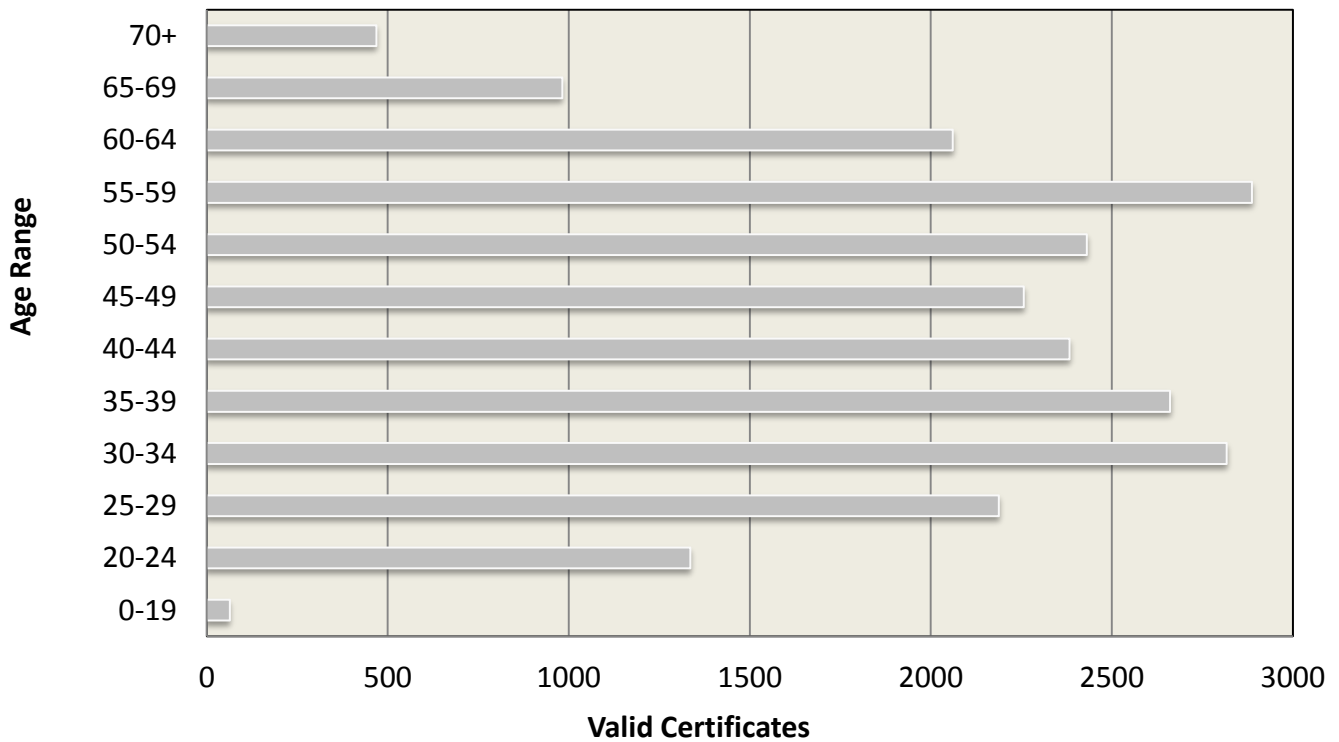


5th Class Certificates	2010	2150	2196	2329	2424
% Change from Previous Year	5.90%	6.97%	2.14%	6.06%	4.08%

Number of Power Engineers (by Age) in Alberta

2019					
Age	1 st	2 nd	3 rd	4 th	5 th
0-19	0	0	1	62	1
20-24	0	15	541	758	22
25-29	15	199	899	997	78
30-34	59	334	1,062	1,159	203
35-39	67	310	846	1,149	289
40-44	47	272	731	1,003	330
45-49	63	261	648	982	303
50-54	79	282	752	956	362
55-59	159	397	867	1,055	409
60-64	127	309	709	651	265
65-69	111	196	288	281	106
70+	72	116	132	111	38

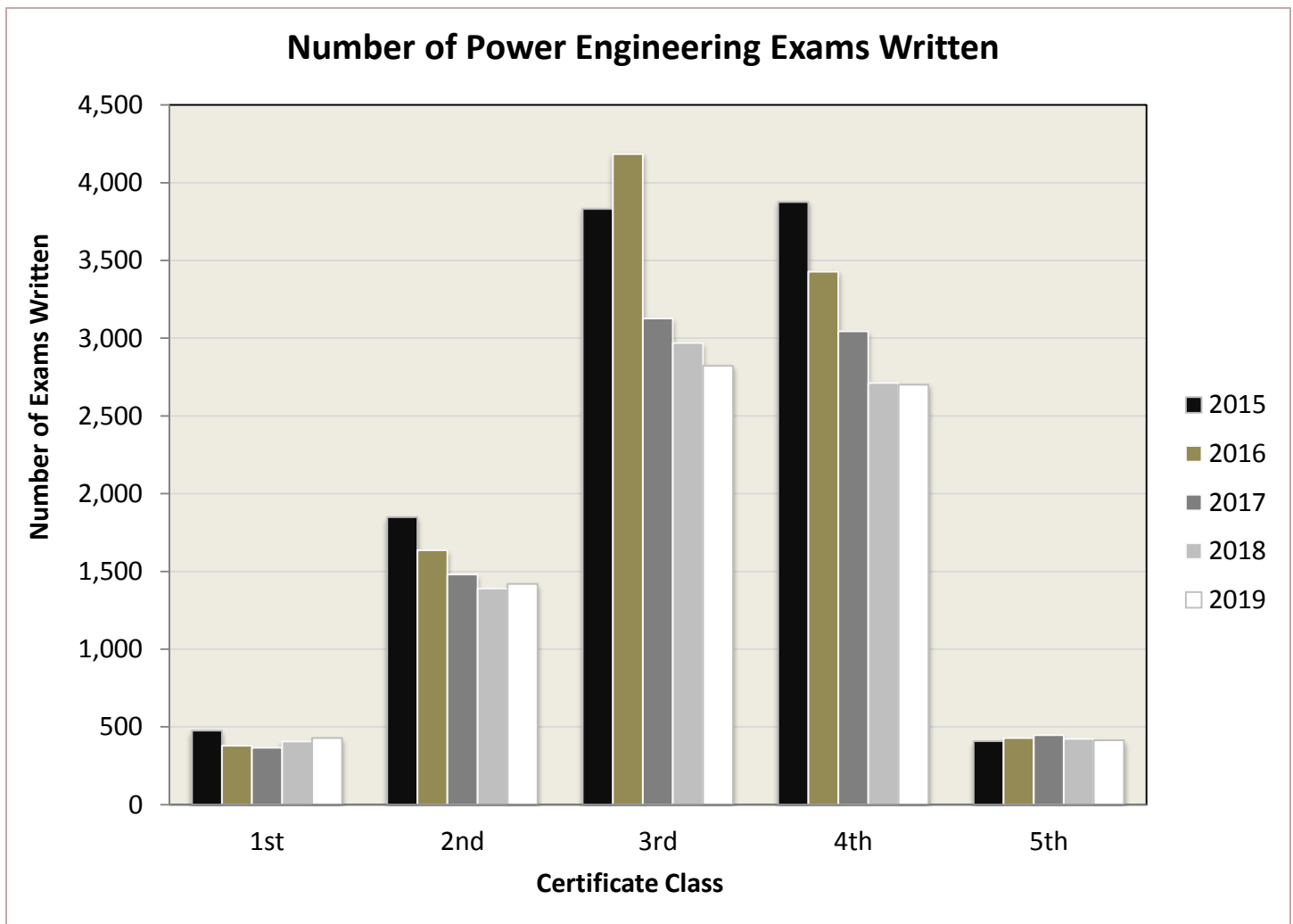
Valid Certificates By Age



EXAMINATION

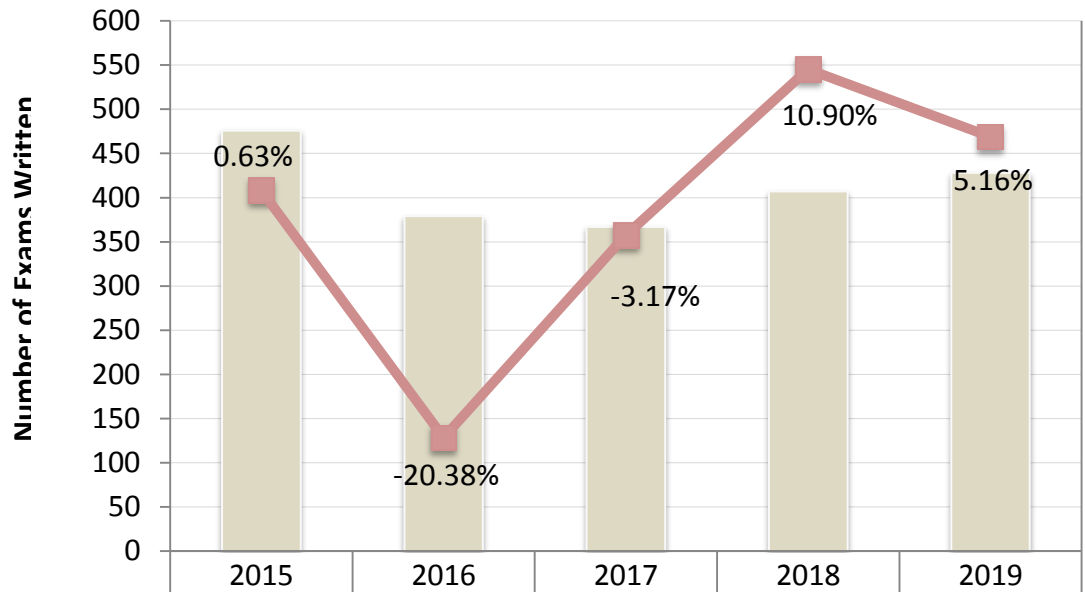
Number of Power Engineer Exams Written in Alberta

Class	2015	2016	2017	2018	2019
1 st	383	379	473	407	428
2 nd	1,849	1,636	1,481	1,391	1,421
3 rd	3,828	4,182	3,123	2,964	2,822
4 th	3,851	3,398	3,024	2,700	2,702
5 th	404	423	444	423	414
Total	10,315	10,018	8,545	7,885	7,787



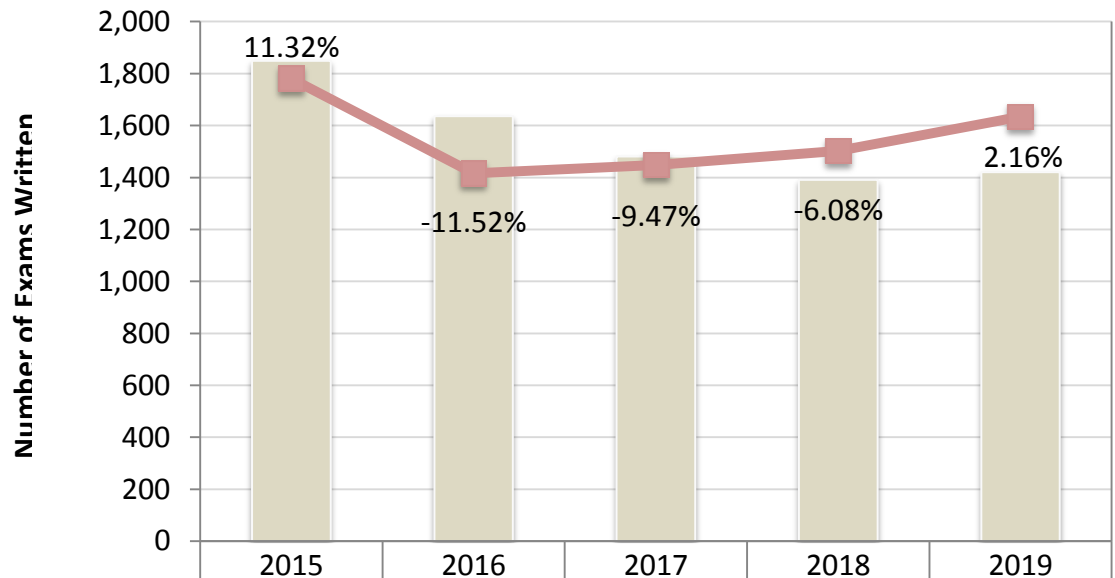
Number of Power Engineer Exams Written in Alberta by Certificate Class

Total 1st Class Examinations Written



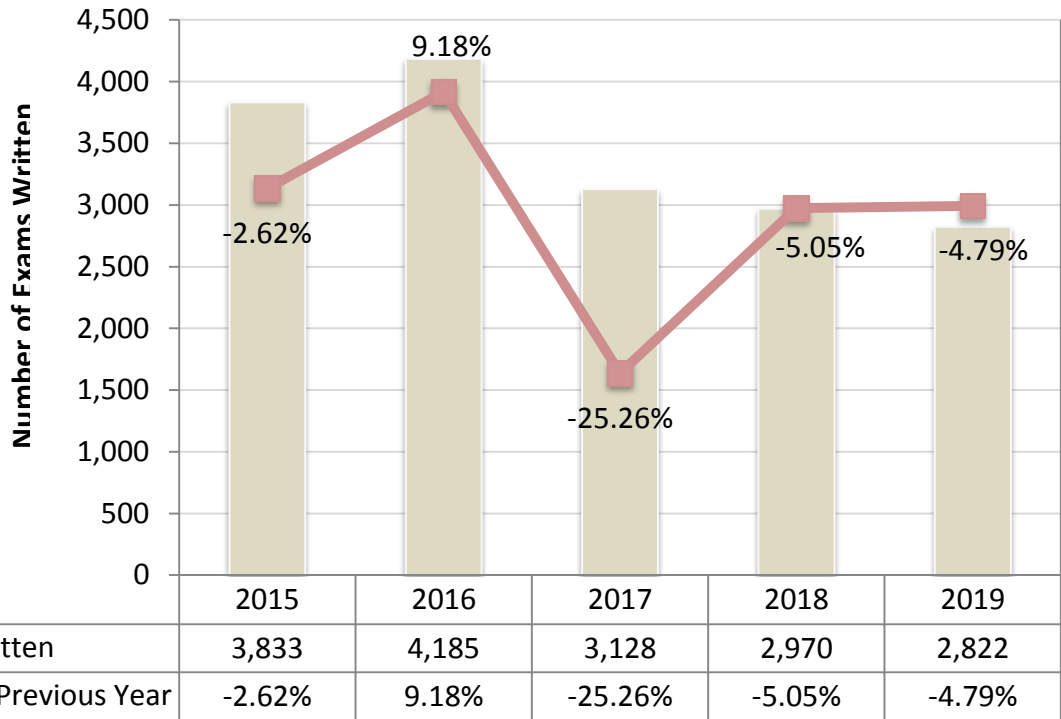
Total Exams Written	476	379	367	407	428
% Change from Previous Year	0.63%	-20.38%	-3.17%	10.90%	5.16%

Total 2nd Class Examinations Written

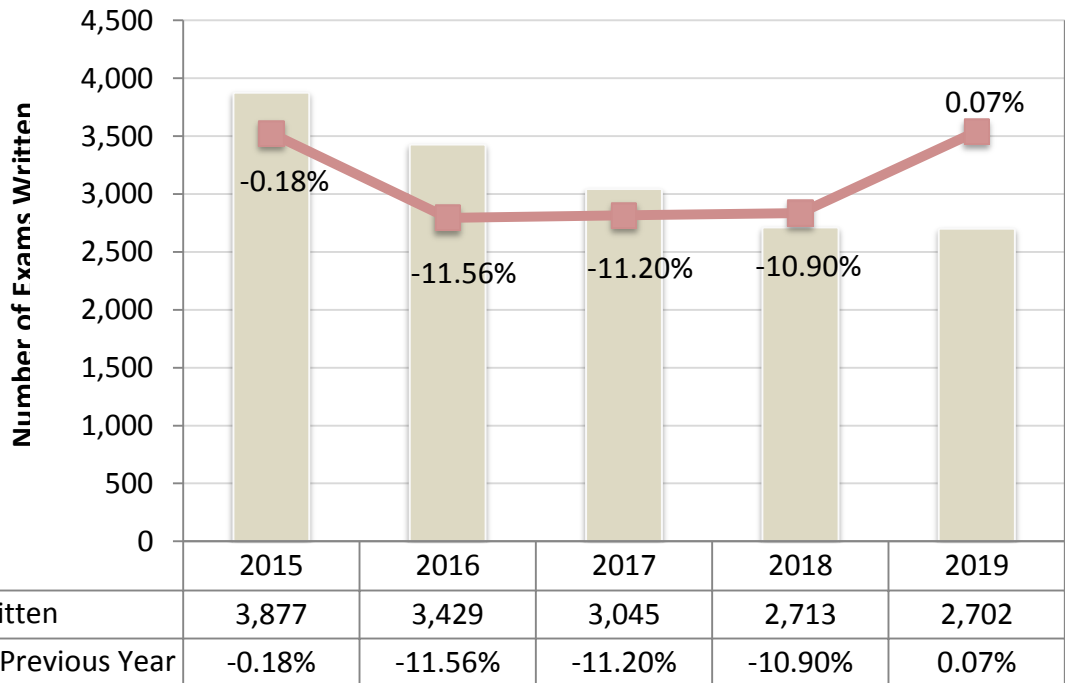


Total Exams Written	1,849	1,636	1,481	1,391	1,421
% Change from Previous Year	11.32%	-11.52%	-9.47%	-6.08%	2.16%

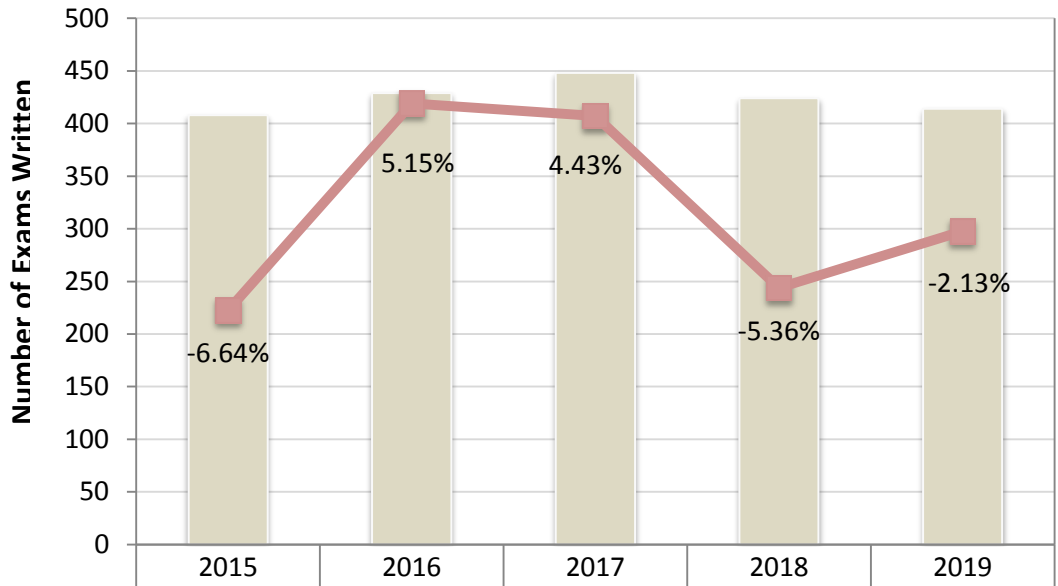
Total 3rd Class Examinations Written



Total 4th Class Examinations Written



Total 5th Class Examinations Written



Total Exams Written	408	429	448	424	414
% Change from Previous Year	-6.64%	5.15%	4.43%	-5.36%	-2.13%

Pass Rate (%) for Power Engineer Exams

Class	2015	2016	2017	2018	2019
1 st	74.0%	71.0%	73.0%	64.0%	74.5%
2 nd	65.0%	61.0%	65.0%	56.0%	69.2%
3 rd	77.0%	85.0%	78.0%	77.0%	75.3%
4 th	67.0%	78.0%	74.0%	74.0%	66.3%
5 th	50.0%	70.0%	60.0%	62.0%	62.0%

2019 Exam Pass Rate for Power Engineer Exams (by Class)

Examination	Number of Exams Attempted	Pass Rate
1 st Class Part A, Paper 1	65	57%
1 st Class Part A, Paper 2	59	51%
1 st Class, Part A, Paper 3	59	80%
1 st Class, Part A, Paper 4	50	80%
1 st Class, Part B, Paper 1	45	71%
1 st Class, Part B, Paper 2	50	80%
1 st Class, Part B, Paper 3	44	91%
1 st Class, Part B, Paper 4	56	86%

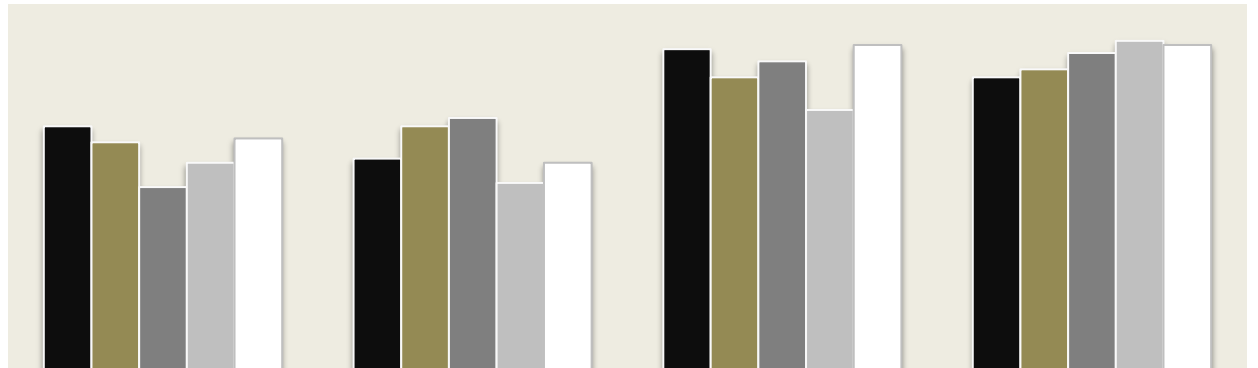
Examination	Number of Exams Attempted	Pass Rate
2 nd Class, Part A, Paper 1	267	65%
2 nd Class, Part A, Paper 2	226	69%
2 nd Class, Part A, Paper 3	277	64%
2 nd Class, Part B, Paper 1	219	79%
2 nd Class, Part B, Paper 2	211	72%
2 nd Class, Part B, Paper 3	221	66%

Examination	Number of Exams Attempted	Pass Rate
3 rd Class, Part A, Paper 1	701	76%
3 rd Class, Part A, Paper 2	742	71%
3 rd Class, Part B, Paper 1	714	78%
3 rd Class, Part B, Paper 2	665	76%

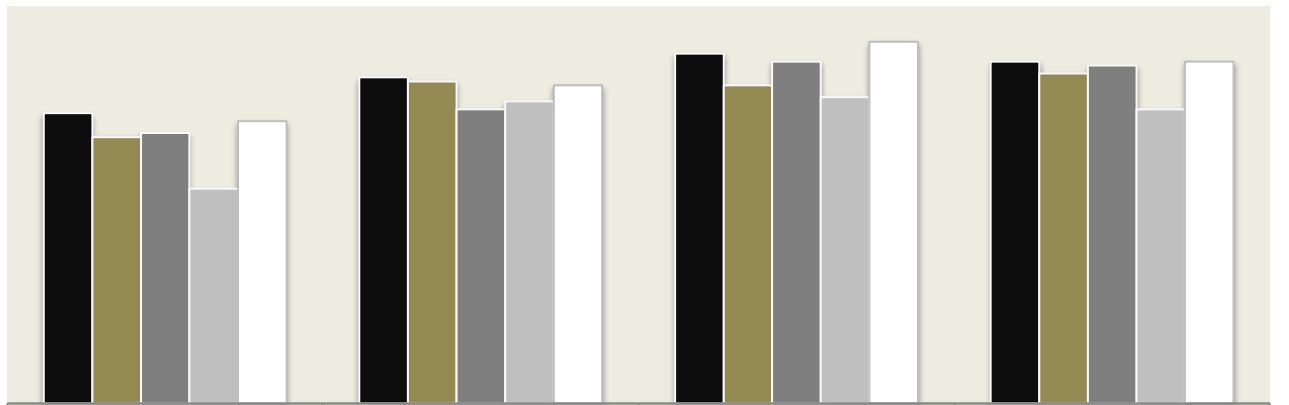
Examination	Number of Exams Attempted	Pass Rate
4 th Class, Part A	1375	66%
4 th Class, Part B	1327	67%

Examination	Number of Exams Attempted	Pass Rate
5 th	414	62%

Exam Pass Rate for 1st Class Power Engineer Exams (2015-2019)

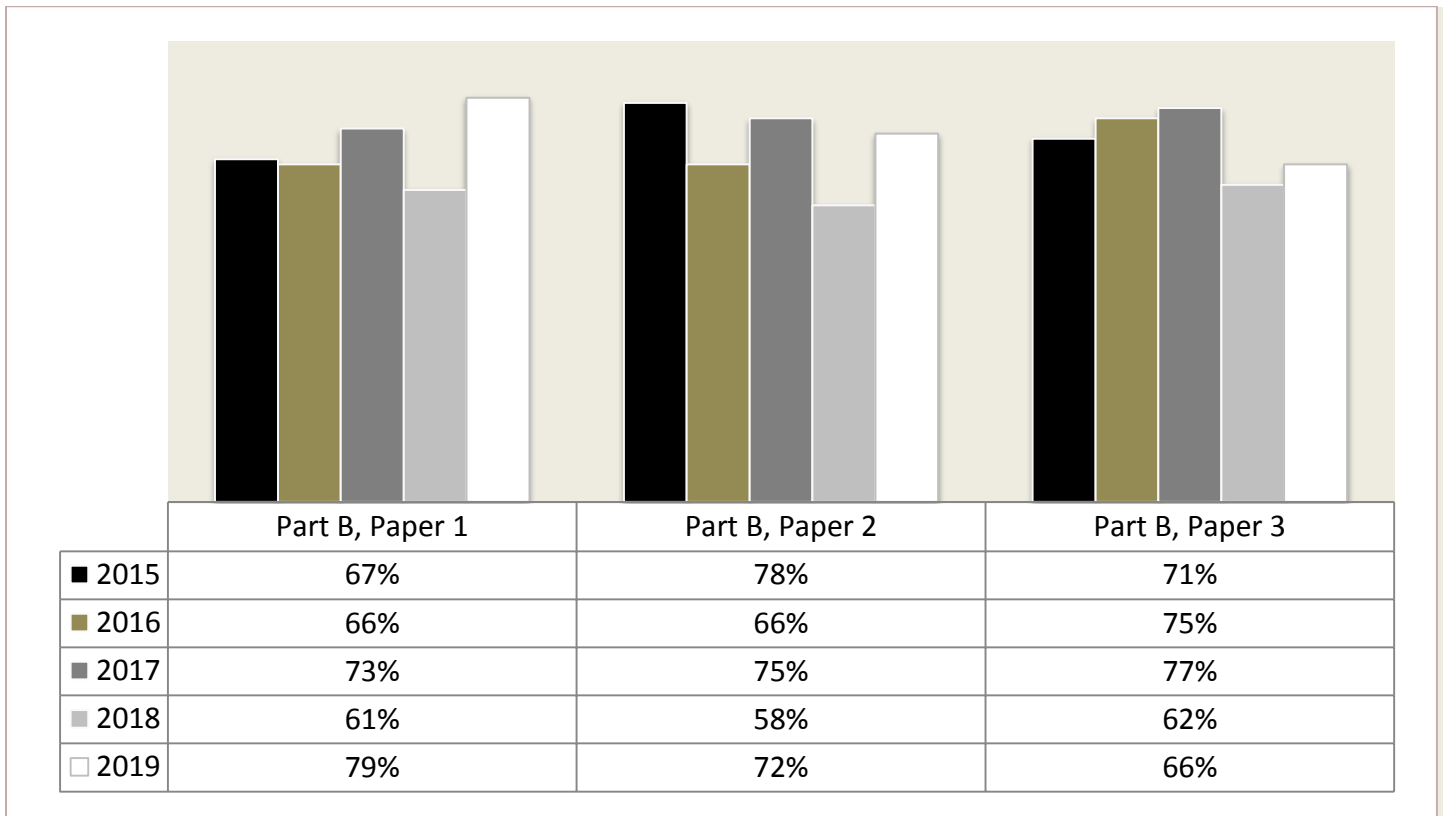
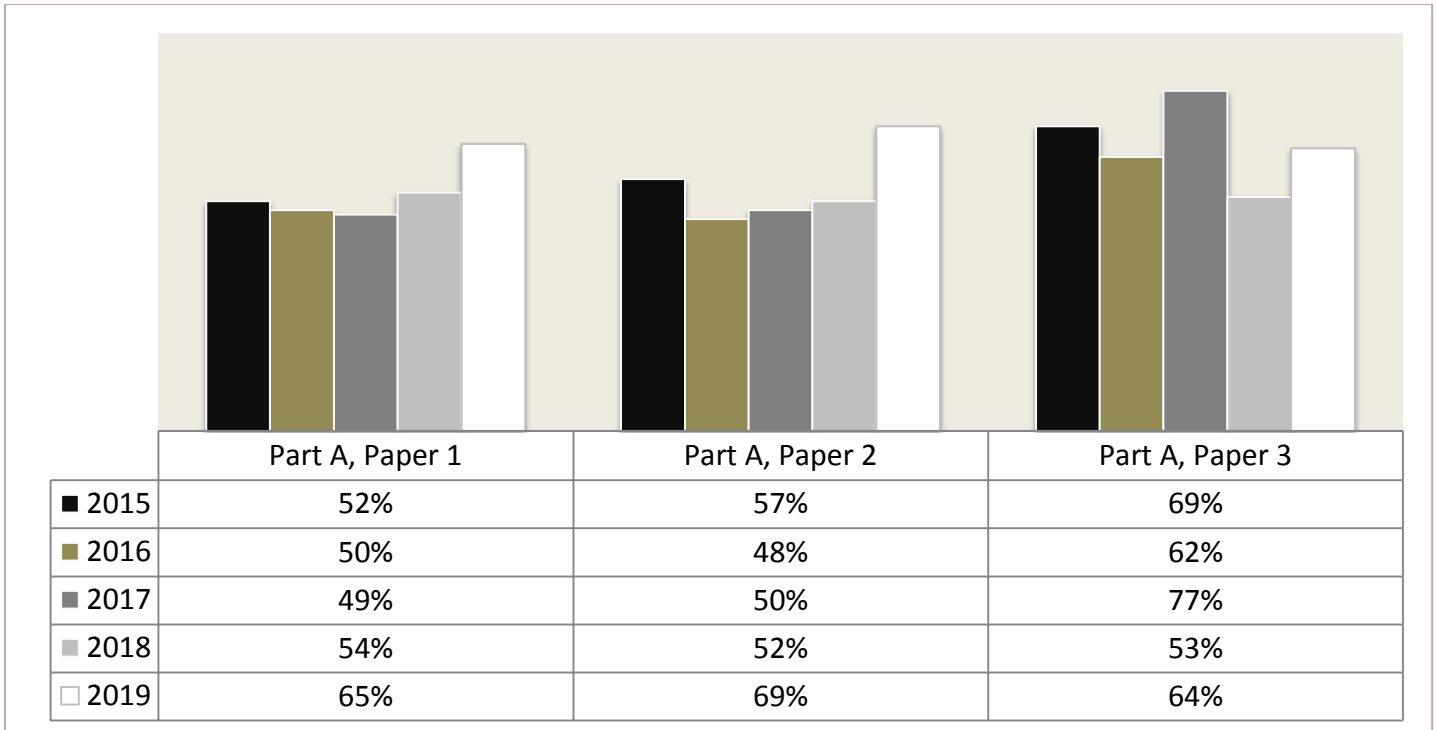


	Part A, Paper 1	Part A, Paper 2	Part A, Paper 3	Part A, Paper 4
■ 2015	60%	52%	79%	72%
■ 2016	56%	60%	72%	74%
■ 2017	45%	62%	76%	78%
■ 2018	51%	46%	64%	81%
□ 2019	57%	51%	80%	80%

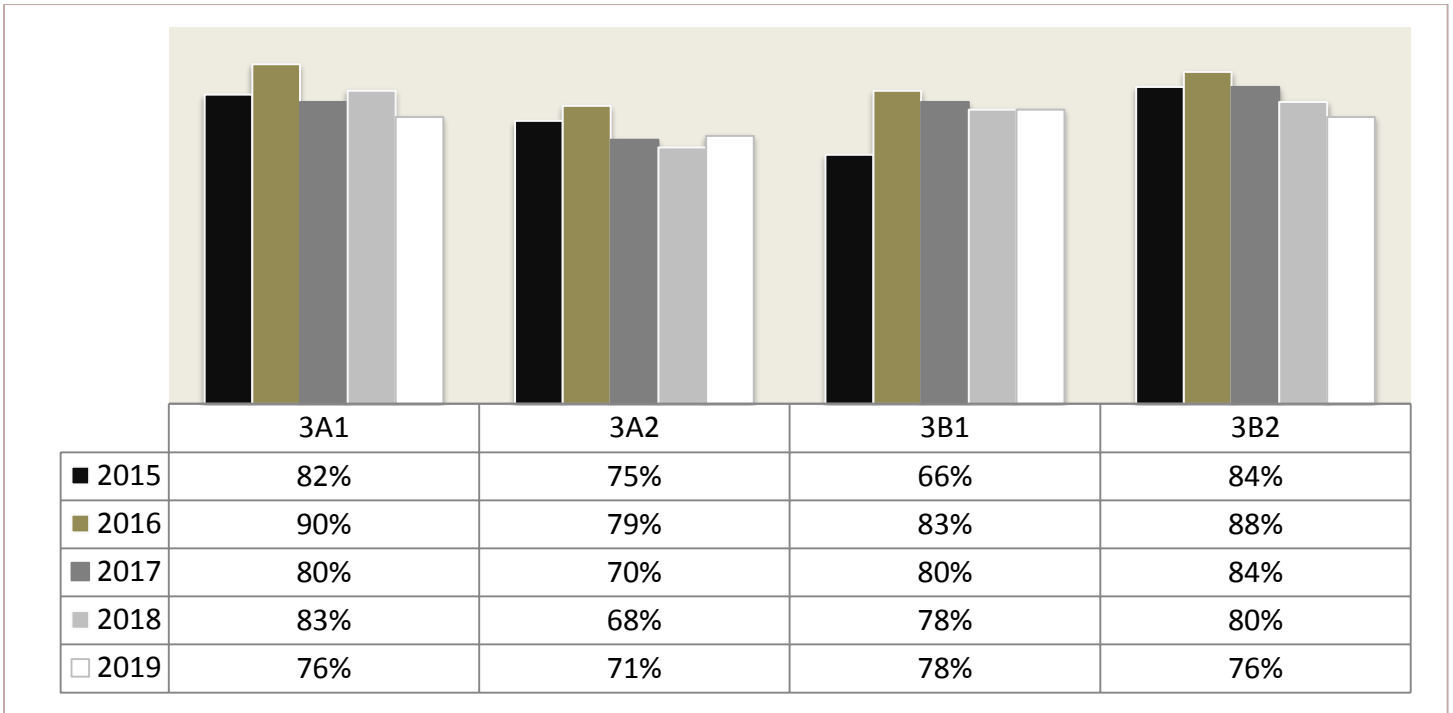


	Part B, Paper 1	Part B, Paper 2	Part B, Paper 3	Part B, Paper4
■ 2015	73%	82%	88%	86%
■ 2016	67%	81%	80%	83%
■ 2017	68%	74%	86%	85%
■ 2018	54%	76%	77%	74%
□ 2019	71%	80%	91%	86%

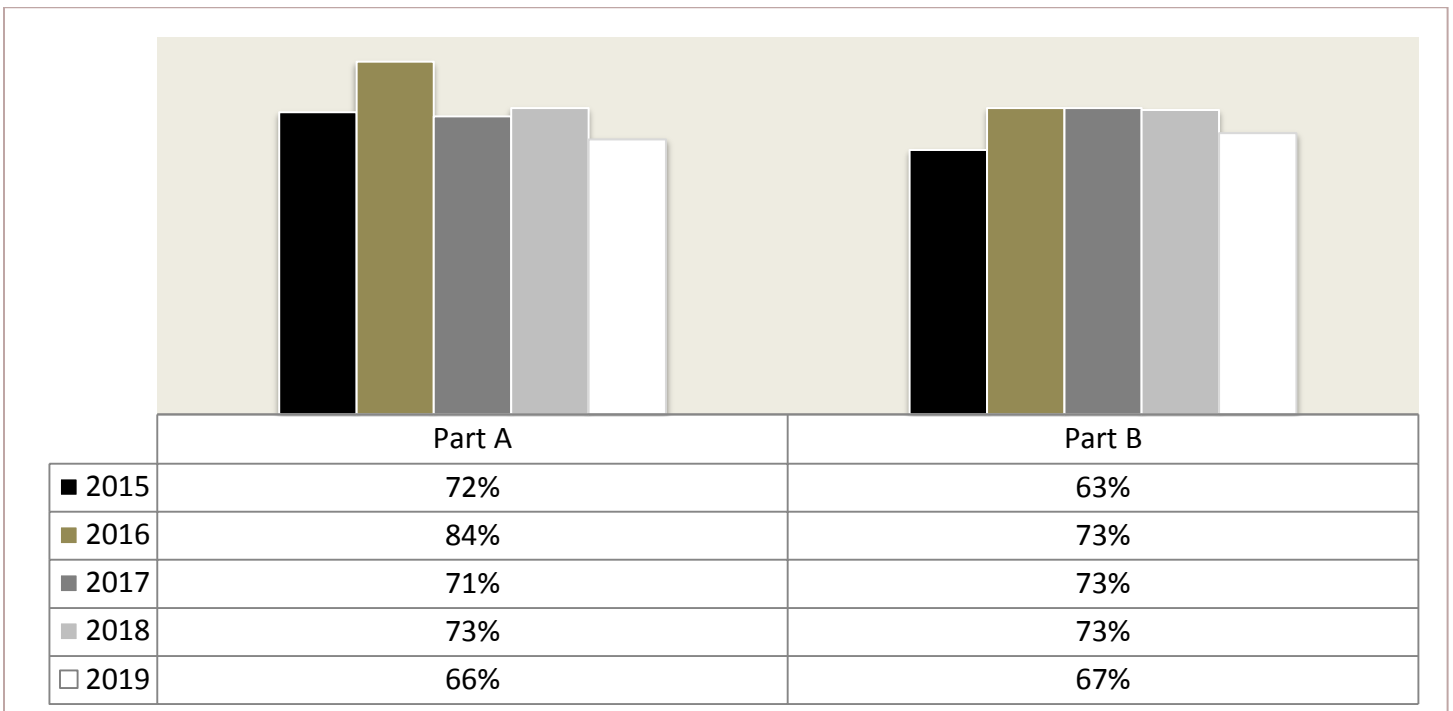
Exam Pass Rate for 2nd Class Power Engineer Exams (2015-2019)



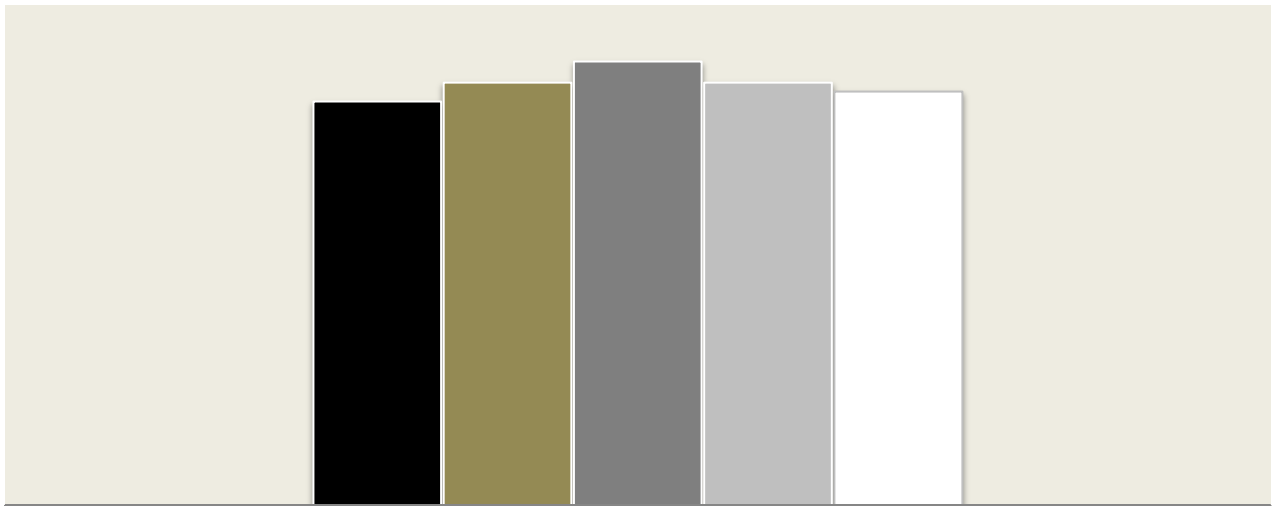
Exam Pass Rate for 3rd Class Power Engineer Exams (2015-2019)



Exam Pass Rate for 4th Class Power Engineer Exams (2015-2019)



Exam Pass Rate for 5th Class Power Engineer Exams (2015-2019)



5th Class

■ 2015	404
■ 2016	423
■ 2017	444
■ 2018	423
□ 2019	414

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