Individual Certification Programs Status Update

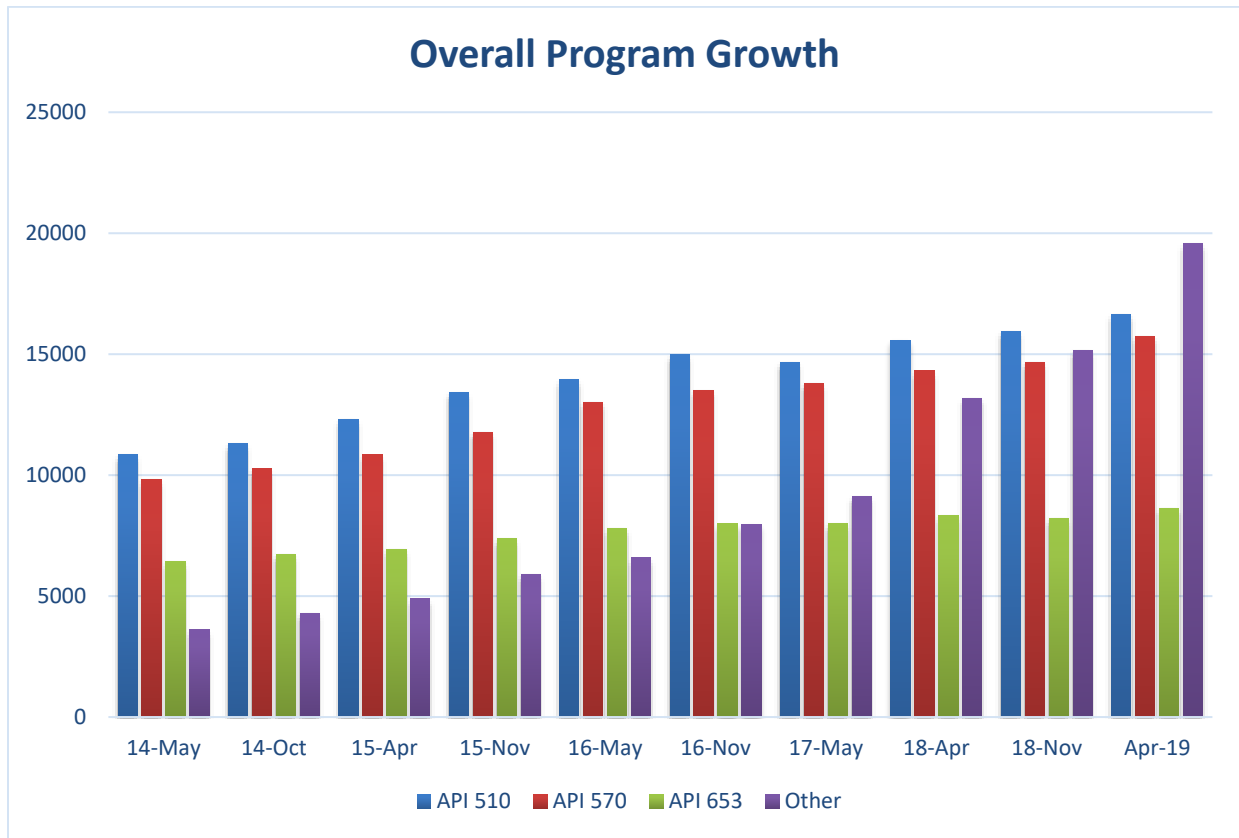Breakdown as of 11/01/2019

Andri Orphanides

Overall Program Growth


Program	14-Oct	15-Apr	15-Nov	16-May	16-Nov	17-May	18-Apr	18-Nov	Apr-19	Nov-19
API 510	11300	12290	13424	13946	14992	14663	15559	15936	16117	16641
API 570	10259	10840	11767	13009	13519	13804	14311	14652	15176	15730
API 653	6713	6945	7374	7787	7986	7995	8333	8228	8425	8634
API 936	1173	1232	1326	1409	1533	1551	1784	1885	1931	2116
TES	626	658	678	673	680	649	646	616	590	589
API 571	595	707	878	988	1147	1211	1362	1411	1461	1587
API 580	1061	1288	1651	1844	2136	2250	2568	2757	2927	3247
API 577	283	337	436	484	543	573	622	639	660	727
QUTE	323	343	373	385	424	385	418	414	379	381
QUSE	23	27	35	41	55	61	65	66	64	59
QUPA	62	85	111	132	175	197	248	272	277	284
QUSE-PA							37	43	50	52
SI - FE	129	179	294	463	732	850	1049	1023	947	1008
API 1169		30	102	158	522	1357	4232	5874	7285	9312
SI-RE				4	16	33	124	134	154	178
ACP					3	7	11	11	11	15
SIEE						1	5	10	13	14
TOTAL	32547	34961	38449	41,325	44,463	45,587	51,374	53,971	56,467	60,574

Stil Seeing an uptick in number of people recertifying overall in the last year, and a small increase in number of applications from the same time last year.

Certified Inspectors Worldwide
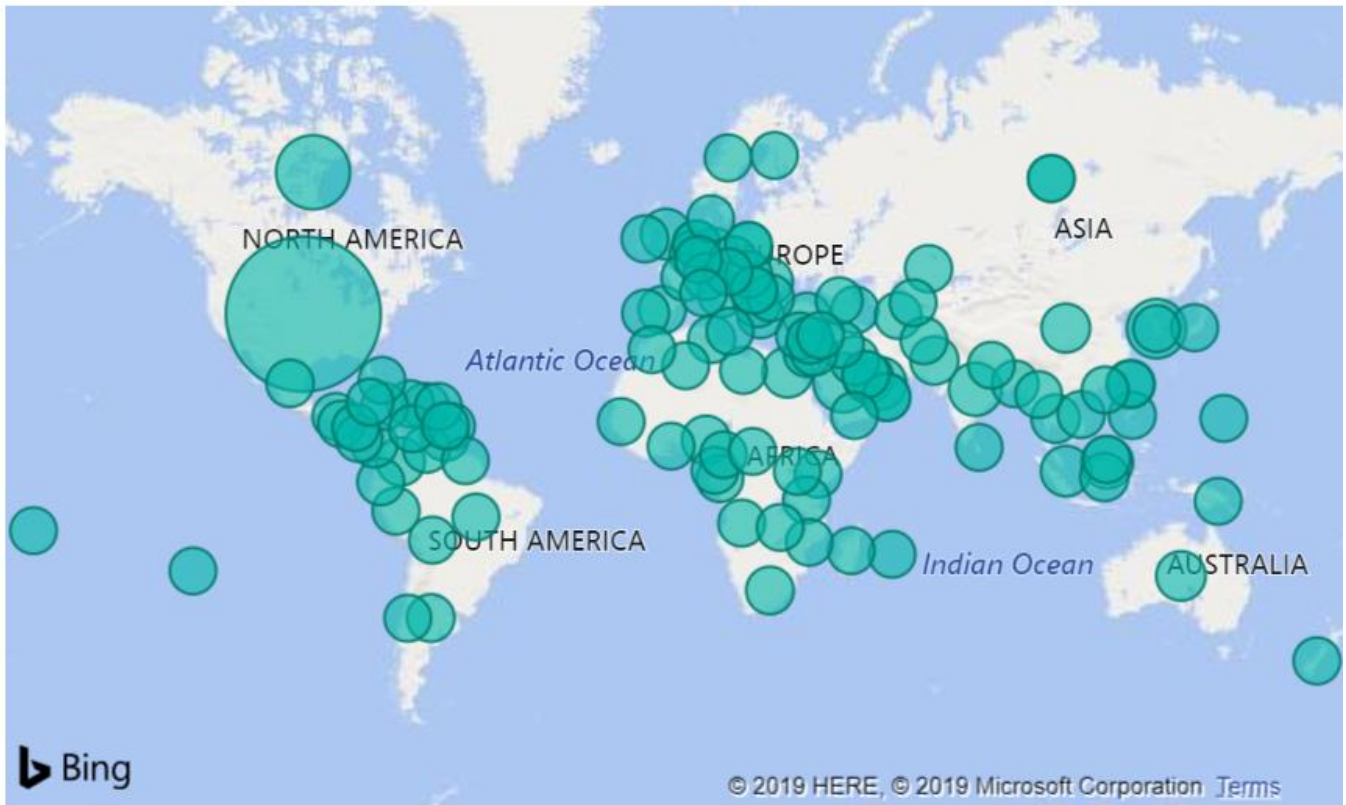
MajorCountries	Count of APIID	%GT APIID
United States	17984	47.42%
Others	5667	16.29%
Canada	4828	12.14%
Kingdom of Saudi Arabia	1921	6.59%
South Korea	1811	4.07%
United Arab Emirates	870	2.88%
India	1027	2.83%
Malaysia	849	2.27%
Qatar	502	1.93%
Egypt	515	1.82%
Singapore	569	1.75%
Total	**36543**	**100.00%**

The numbers being reported are lower than the last report. In previous reports parameters for active contacts were looking at inaccurate data, and included some recently expired certifications. This has been corrected and those holding certificates are currently over 36,000 inspectors in 122 countries.

Percentage Breakdown of Certified Inspectors
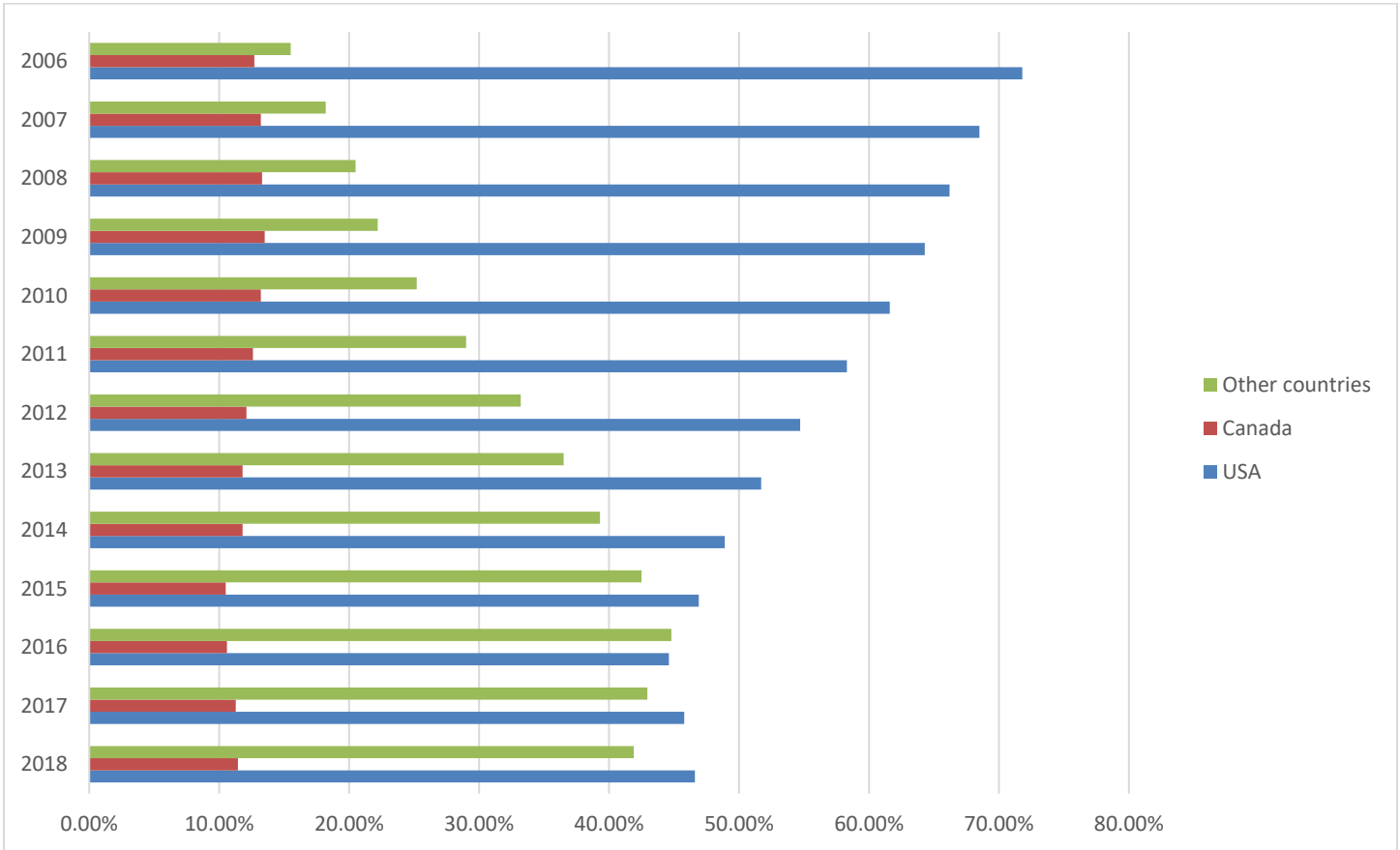
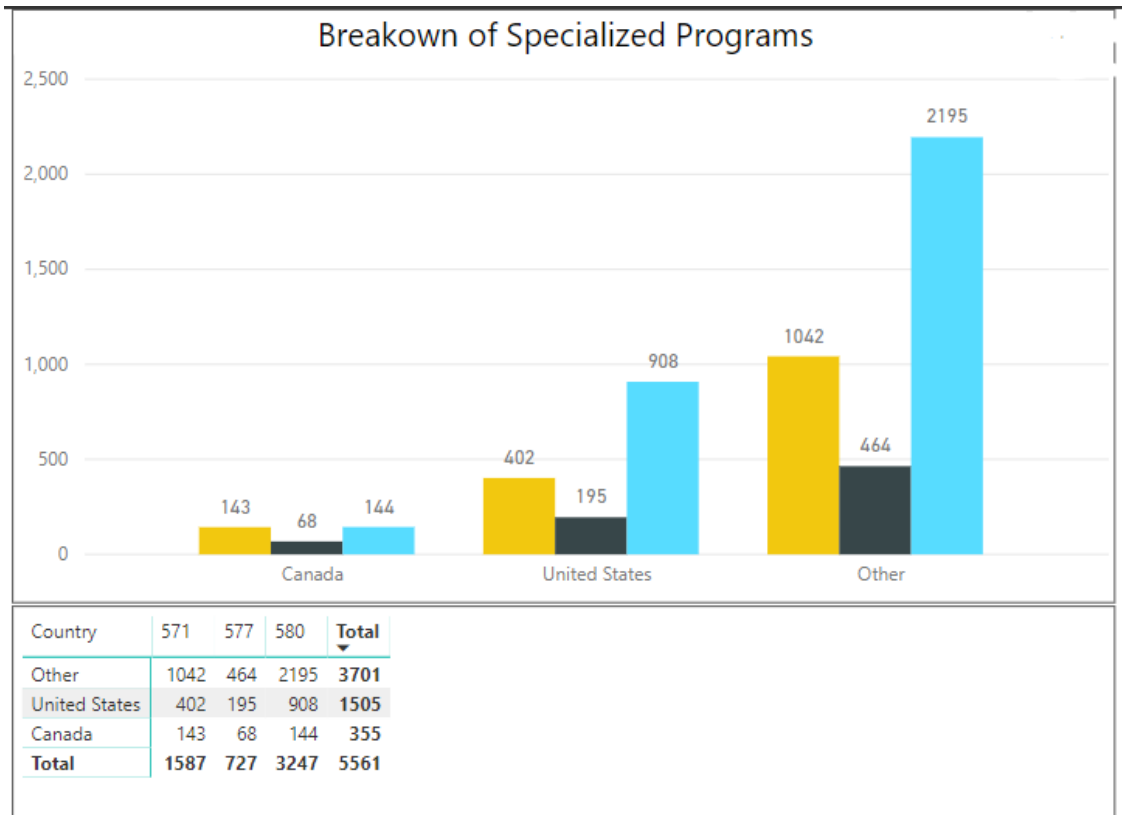Note: 2019 numbers are as of November 2019

Overtime we have seen an increase in interest from other countries grow in our certification programs from countries outside the US. We continue to see growth in Canada due to the API 1169 program.

Year	USA	USA	Canada	Canada	Other countries	
2006	5350	71.80%	949	12.70%	1155	15.50%
2007	5598	68.50%	1079	13.20%	1489	18.20%
2008	5964	66.20%	1196	13.30%	1842	20.50%
2009	6495	64.30%	1358	13.50%	2243	22.20%
2010	6846	61.60%	1468	13.20%	2807	25.20%
2011	7408	58.30%	1605	12.60%	3688	29.00%
2012	7934	54.70%	1761	12.10%	4820	33.20%
2013	8483	51.70%	1936	11.80%	5979	36.50%
2014	8984	48.90%	2165	11.80%	7221	39.30%
2015	10137	46.90%	2277	10.50%	9180	42.50%
2016	11065	44.60%	2638	10.60%	11112	44.80%
2017	13539	45.78%	3334	11.27%	12700	42.95%
2018	25160	46.61%	6175	11.44%	22649	41.90%
2019	26618	47.12%	6607	11.70%	23269	41.19%

Global Certificate Distribution (Total by Country)
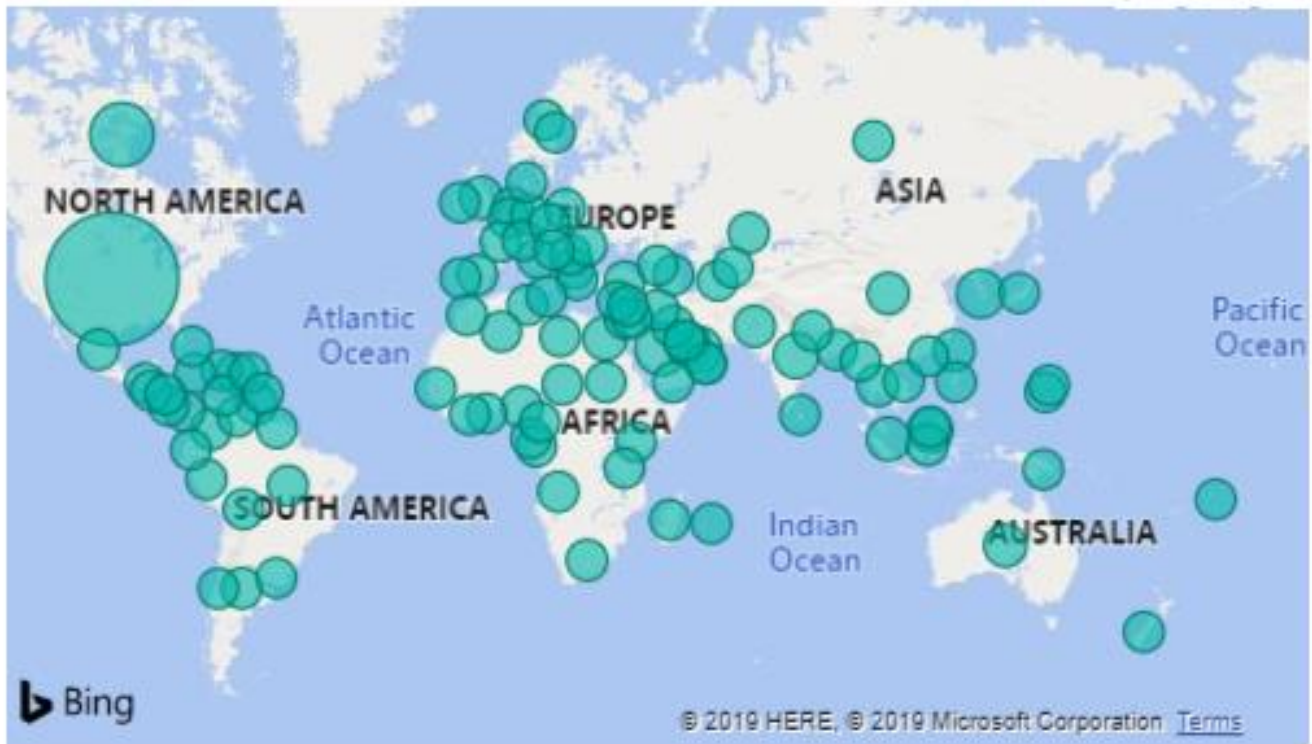
MajorCountries	Certificates	%GT APIID
Singapore	1063	1.75%
Egypt	1103	1.82%
Qatar	1167	1.93%
Malaysia	1378	2.27%
India	1712	2.83%
United Arab Emirates	1746	2.88%
South Korea	2466	4.07%
Kingdom of Saudi Arabia	3993	6.59%
Canada	7353	12.14%
Others	9869	16.29%
United States	28724	47.42%
Total	**60574**	**100.00%**

Breakown of Specialized Programs

Country	571	577	580	Total ▼
Other	1042	464	2195	3701
United States	402	195	908	1505
Canada	143	68	144	355
Total	1587	727	3247	5561

Member vs. Non-Member

Member 29.36%

Non-Member 70.64%
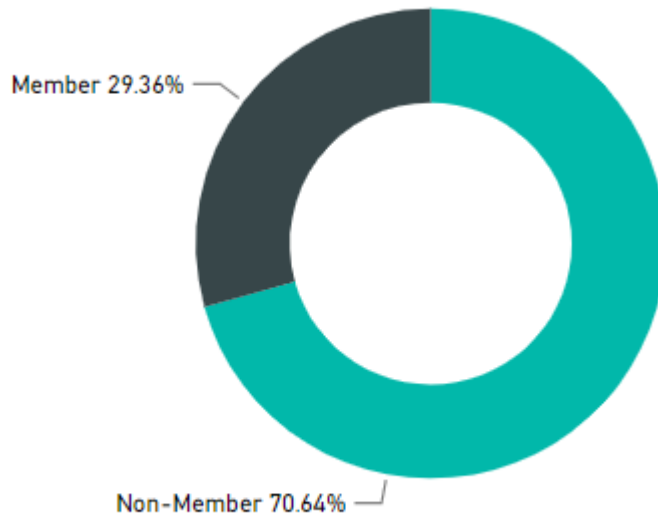
Demographic Breakdown of Certified Inspectors

Active Certified Inspectors by Employement Type

Unknown
0.1%

Independent contractor
12.61%

Full-time emplo...
24.4%

Full-time employee of an inspectio...
62.88%
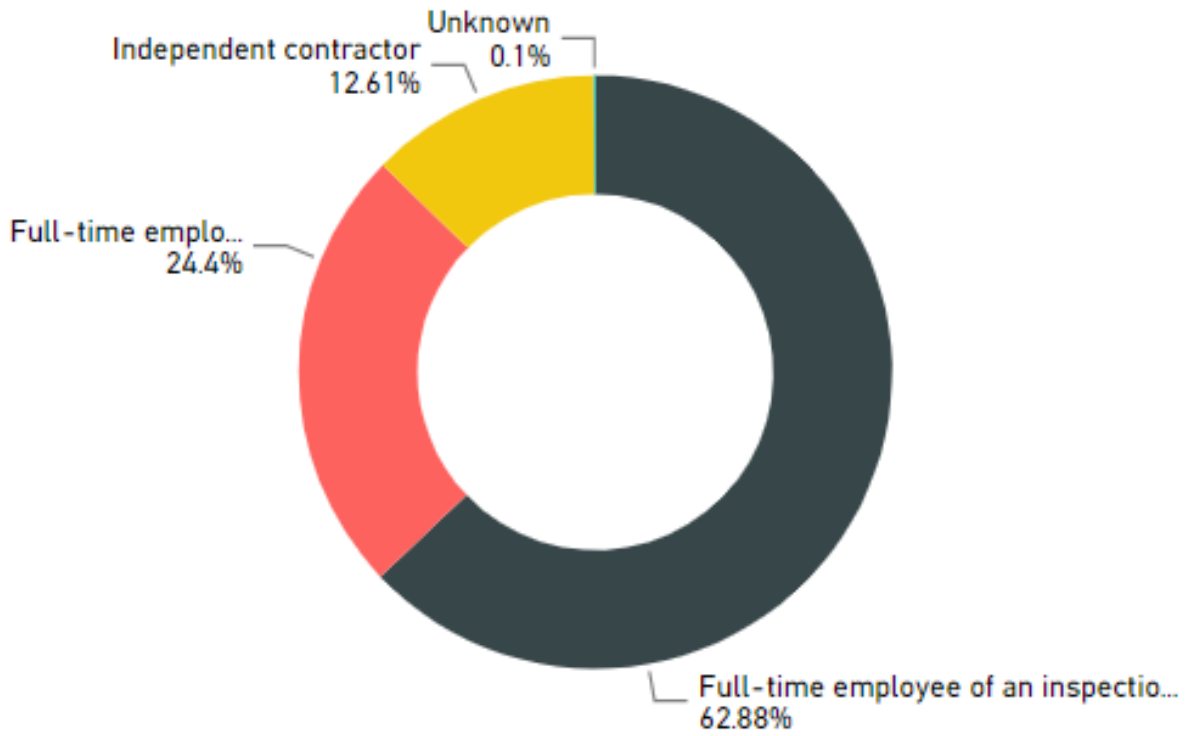
Certified Individuals by Organization Type

Individual Contractor 5.98%

Other 6.59%

Consulting / Construction
18.13%

Inspection Company
45.29%

Owner / User 24.01%
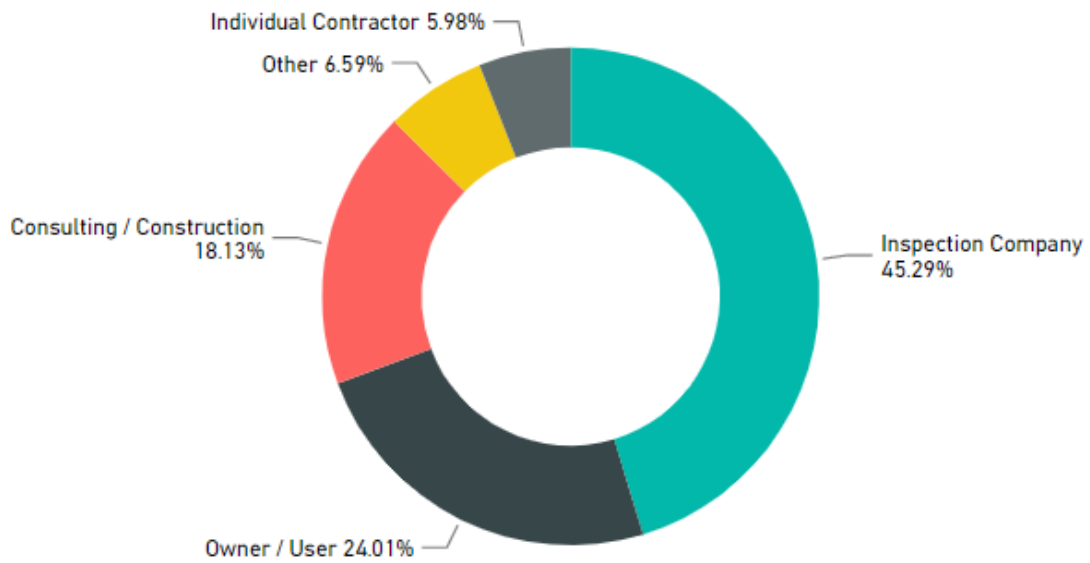
Active Certified Inspectors by IndustryType

Chemical 8.09%

Other 9.39%

Petroleum 46.72%

Serving All Industries 35.8%
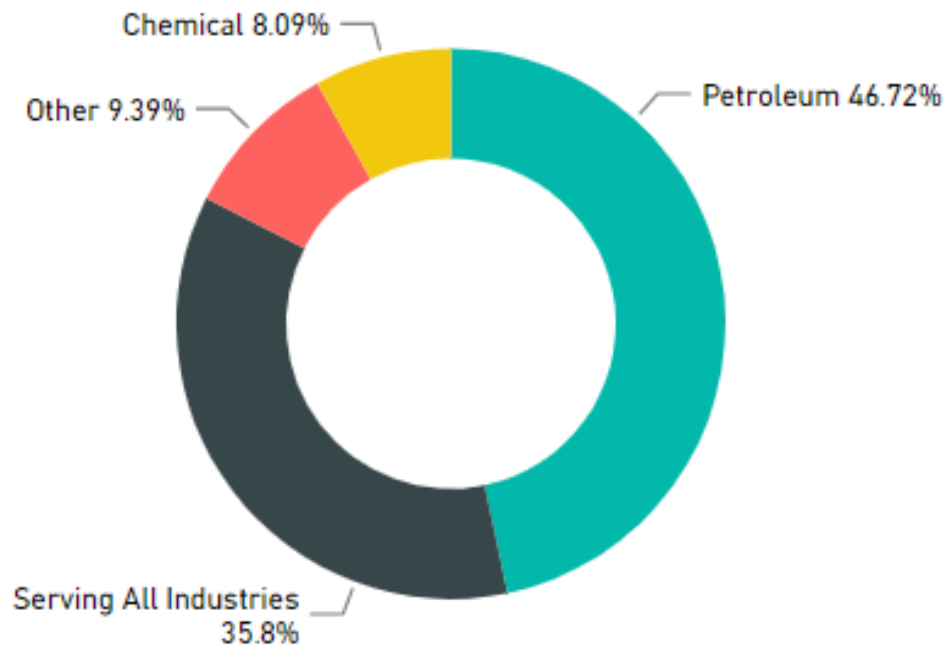
Breakdown of Exams Administered

Distribution of Exams per Window per Year
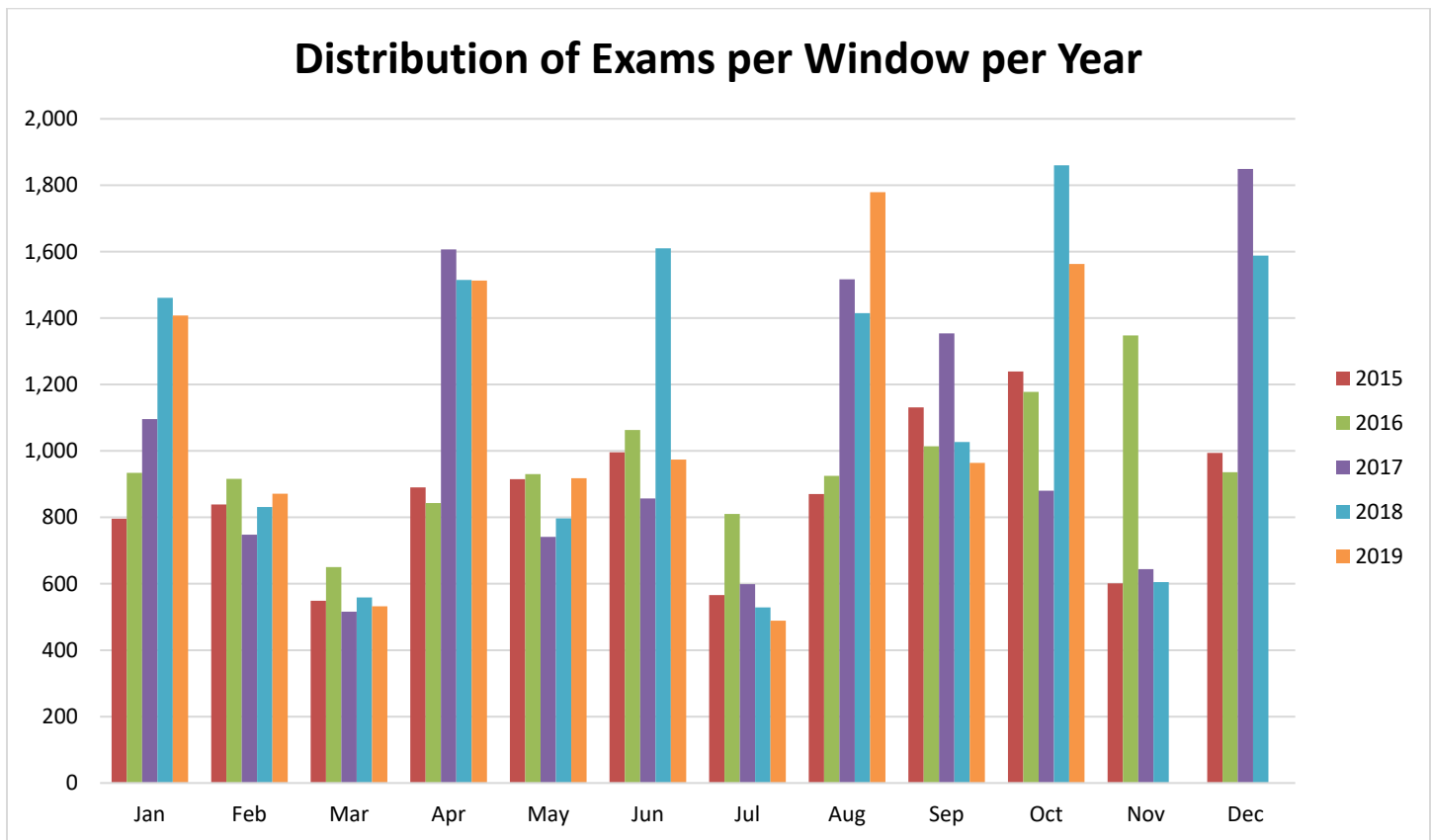
2019 exams are shown through completion of October window.

Within the same time period, the distribution of exams per window was as follows:

Exam Window	2015	2016	2017	2018	2019
January	796	934	1,096	1,461	1,408
February	839	916	748	831	871
March	549	650	516	559	532
April	890	843	1,607	1,515	1,513
May	915	930	741	797	918
June	996	1,063	857	1,610	974
July	566	810	599	529	489
August	870	925	1,517	1,415	1,779
September	1,131	1,014	1,354	1,027	964
October	1,239	1,178	880	1,860	1,563
November	601	1,348	644	605	TBD
December	994	936	1,849	1,588	TBD
Grand Total	10,386	11,547	12,408	13,797	11,011

Distribution of Exams per Window
2017 - 2019
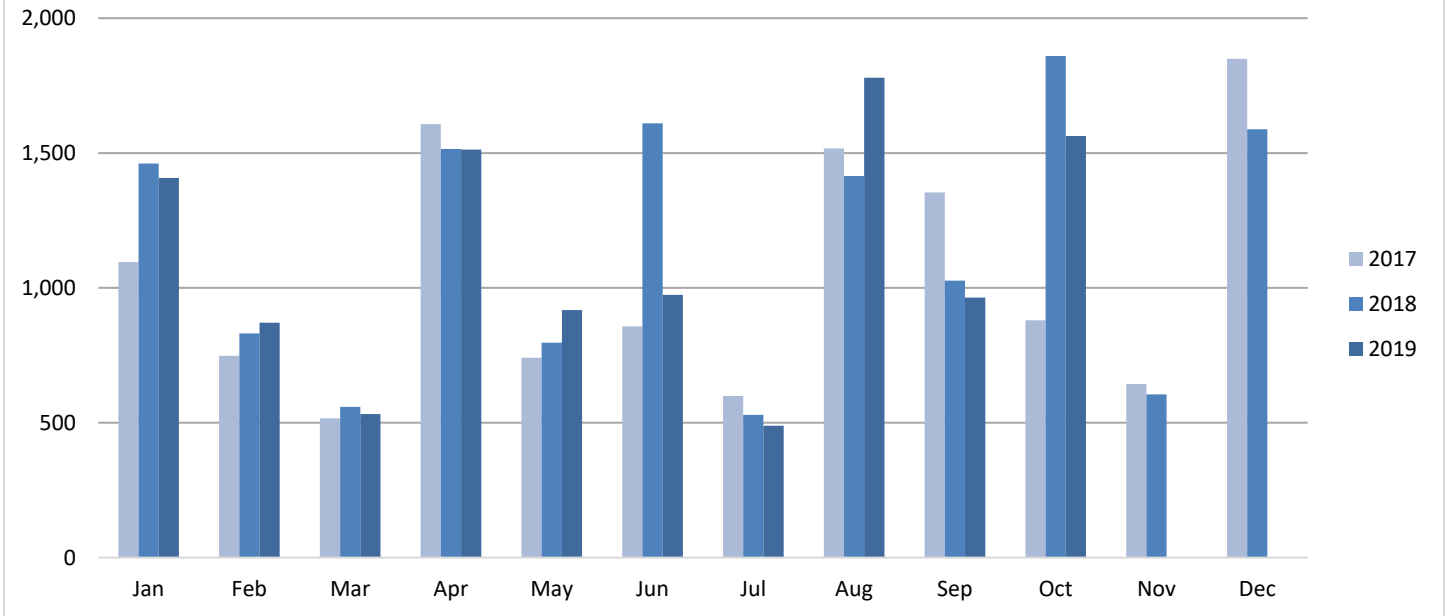
Spike in numbers for February 2018 due to overlap of 1169 window into the month of February, combined with the numbers for 570 window in the same month.

Number of Exams per Year
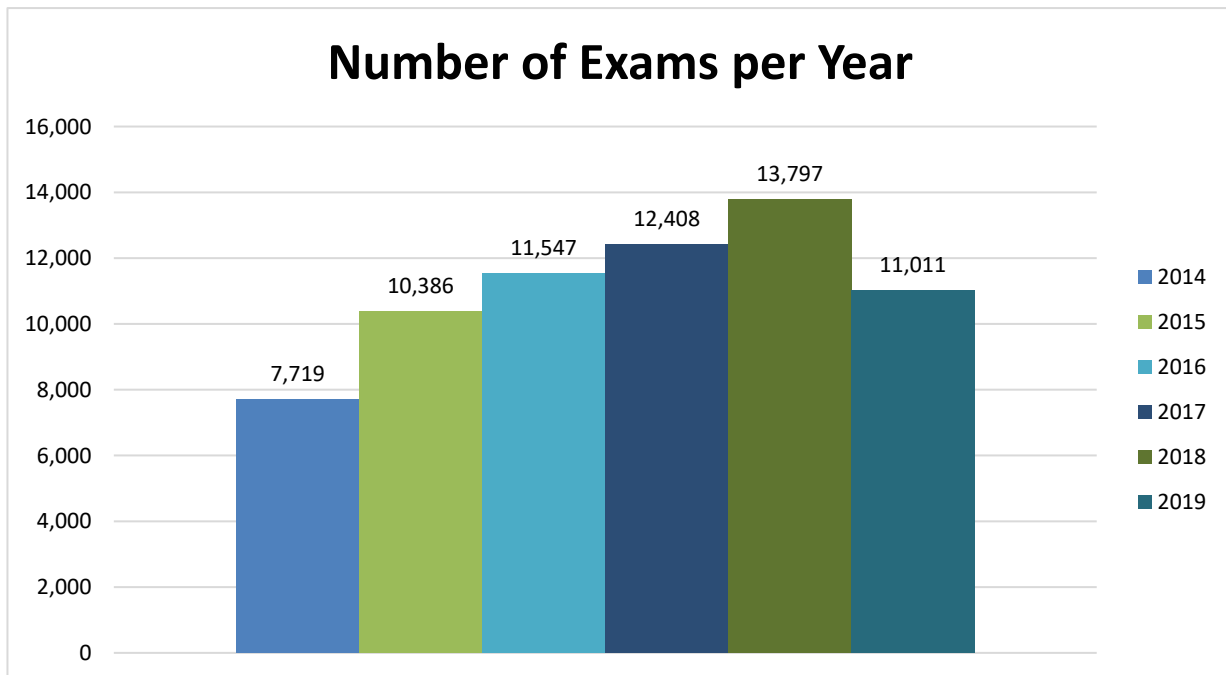
2019 numbers exclude November and December windows.

Top 20 Countries by Exams Administered 2014 - Oct. 2019
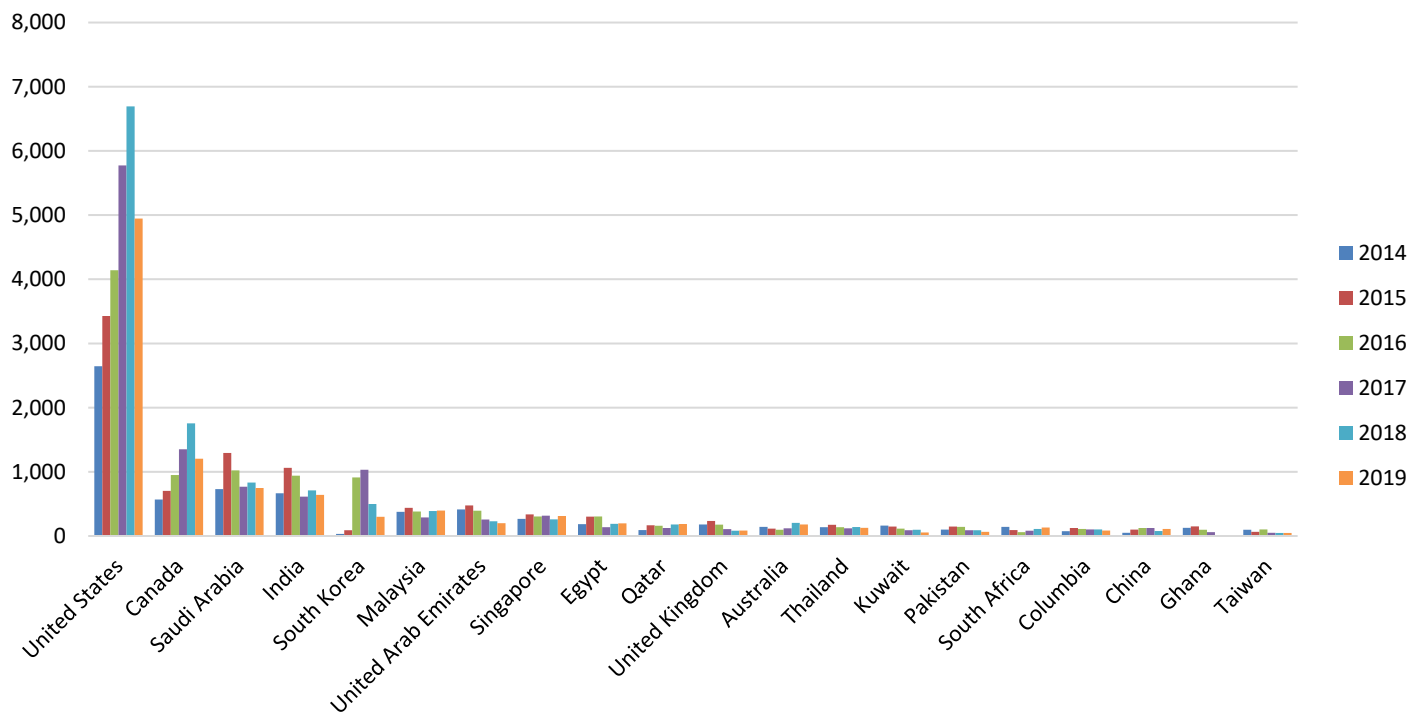
Top 20 Countries	Total
United States	27,626
Canada	6,531
Saudi Arabia	5,395
India	4,632
South Korea	2,868
Malaysia	2,275
United Arab Emirates	1,970
Singapore	1,794
Egypt	1,314
Qatar	908
United Kingdom	862
Australia	859
Thailand	836
Kuwait	664
Pakistan	636
South Africa	620
Columbia	597
China	586
Ghana	454
Taiwan	406
Total	**61,833**

Between 2014 and October 2019, ICP administered 70,651 exams in 80 different countries. Of these 3,783 are paper-based and 66,868 are computer-based (CBT). We have utilized over 400 of the 500 Prometric testing centers around the world.

Above is a chart that shows the top 20 countries by growth since the introduction of computer-based testing centers in 2014. As you can see, over time, 61,833 (92.4%) of our exams were delivered in those top 20 countries.

Historical

Exam Performance

Note: Report reflects completed exams as of September 2019. Exams delivered after September 2017 reflect pass rates with the new seat times implemented.

API 510 - Pressure Vessel Inspectors

Year	Exam Administration	Candidates	Pass	Fail	Pass %	Pass Point
2013	June	960	559	401	58.2	90
	September	603	341	262	56.6	90
	December	928	521	407	56.1	86
2014	May	972	530	442	54.5	85
	September	1194	675	519	56.5	85/86
2015	January	875	494	281	56.5	85/86
	May	1048	582	466	55.5	85/86
	September	1208	743	506	61.5	85/86
2016	January	1015	626	389	61.7	85/86
	May	909	541	368	59.4	87/88
	September	1020	607	413	59.5	87/88
2017	January	692	438	254	63.2	87/88
	May	697	416	281	69.7	87/88
	September	831	532	299	64.0	87/88
2018	January*	729	430	299	59.0	87/88
	May	811	475	336	58.6	87/90
	September^	908	555	353	61.1	400
2019	January	755	465	290	61.6	400
	May	913	535	378	58.6	400
	September°					

API 653 - Aboveground Storage Tanks Inspectors

Year	Exam Administration	Candidates	Pass	Fail	Pass %	Pass Point
2013	March	644	364	280	56.5	86
	September	645	381	264	59.1	86
2014	March	462	259	203	56.1	89
	July	329	197	132	60.0	89
	November	540	308	232	57.0	89
2015	March	464	260	204	56.0	89
	July	438	272	166	62.1	89
	November	460	217	243	47.2	90/87
2016	March	493	272	221	55.2	90/87
	July	449	225	224	50.1	90/87
	November	540	240	300	44.4	91
2017	March	382	210	172	55.0	91
	July	401	213	188	53.1	91
	November*	458	254	204	55.4	92
2018	March	417	233	184	44.9	92
	July	399	216	183	54.1	92
	November^	448	236	212	52.7	400
2019	March	450	256	194	58.9	400
	July	397	223	174	56.2	400
	Oct/Nov°					

°510/653 undergoing Standard Setting November 2019

API 570 - Piping Inspectors

Year	Exam Administration	Candidates	Pass	Fail	Pass %	Pass Point
2013	June	1078	556	522	51.6	87
	September	730	349	381	47.8	87
	December	941	527	414	56.0	90
2014	June	1133	554	579	48.9	90
	October	1107	548	559	49.5	90
2015	February	1070	517	537	48.3.	89
	June	1208	672	536	55.6	89
	October	1318	759	721	57.6	89/90
2016	February	1100	599	501	54.5	89/90
	June	1000	546	454	54.6	89/90
	October	1180	707	473	59.9	89/90
2017	February	742	410	332	55.2	91/92
	June	848	479	369	56.5	91/92
	October*	891	524	367	58.8	91/92
2018	February	807	458	349	56.8	91
	June	862	442	420	51.3	91
	October^	974	564	410	57.9	400
2019	February	867	436	431	50.3	400
	June	969	493	476	50.9	400

API TES – Tank Entry Supervisors

Year	Exam Administration	Candidates	Pass	Fail	Pass %	Pass Point (out of 120)
2012	March	108	62	46	57.4	79
	September	105	67	38	63.8	79
2013	March	70	38	32	54.3	75
	September	51	28	23	54.9	75
2014	March	48	24	24	50	75
	July	23	10	13	43.5	75
	November	68	47	21	69.1	75
2015	March	27	12	15	44.4	75
	July	34	28	6	82.4	75
	November	27	19	8	70.4	76/74
2016	March	19	12	7	63.2	76/74
	July	22	13	9	59	76/74
	November	26	19	7	73.1	76/74
2017	March	16	12	4	75	76/74
	July	34	26	8	76.5	76/74
	November*	27	21	6	77.8	75
2018	March	12	10	2	83.3	75
	July	19	12	7	63.2	75
	November^	21	15	6	71.0	400
2019	March°	11	10	1	90.9	400
	July	8	4	4	50.0	400

API 936 - Refractory Personnel

Year	Exam Administration	Candidates	Pass	Fail	Pass %	Pass Point (out of 75)
2012	June	117	87	30	74.4	51
	December	141	102	39	72.3	51
2013	June	103	70	33	68.0	51
	December	159	103	56	64.8	51
2014	April	57	34	23	59.6	51
	August	144	98	46	68.0	51
	December	118	78	40	66.1	51
2015	April	95	67	25	72.8	51
	August	99	74	25	74.7	51
	December	145	112	33	77.2	51
2016	April	89	67	22	75.3	51
	August	128	88	40	68.8	51
	December	134	99	35	73.9	51
2017	April	92	65	27	70.7	51
	August	94	67	27	71.3	51
	December*	255	177	78	69.4	51
2018	April	127	93	34	73.2	51
	August^	139	91	48	65.4	400
	December	152	100	52	65.8	400
2019	April	127	91	36	71.7	400
	August	118	88	30	74.6	400

API 571 - Corrosion and Materials Professional

Year	Exam Administration	Candidates	Pass	Fail	Pass %	Pass Point (out of 70)
2013	March	109	36	73	33.0	49
	September	193	69	124	35.8	49
2014	April	159	97	62	61.0	49
	August	174	74	100	42.5	49
	December	251	105	146	41.8	49
2015	April	197	85	112	43.1	49
	August	240	103	137	42.9	49
	December	258	112	146	43.4	49
2016	April	179	78	101	43.6	49
	August	191	86	105	45	49
	December	223	82	141	36.8	49
2017	April	157	72	85	45.9	49
	August	125	61	64	48.8	49
	December*	196	68	128	34.7	49
2018	April	137	50	87	36.5	49
	August^	169	63	106	37.3	400
	December	175	69	106	39.4	400
2019	April	159	61	98	38.4	400
	August	183	61	122	33.3	400

API 580 - Risk Based Inspection Professional

Year	Exam Administration	Candidates	Pass	Fail	Pass %	Pass Point (out of 70)
2013	March	238	91	147	38.2	49
	September	319	138	181	43.3	49
2014	April	316	168	148	53.2	49
	August	300	159	141	53.0	49
	December	405	192	213	47.4	49
2015	April	357	178	179	49.9	49
	August	371	205	166	55.3	49
	December	404	205	199	50.7	49
2016	April	301	154	147	51.1	49
	August	274	88	181	32.1	49
	December	317	170	147	53.6	49
2017	April	221	128	93	57.9	49
	August	178	114	64	64.0	49
	December*	284	165	119	58.1	49
2018	April	224	141	83	62.9	49
	August^	232	146	87	62.9	400
	December	333	227	106	68.2	400
2019	April	267	147	120	55.1	400
	August					

API 577 - Welding Inspection and Metallurgy Professional

Year	Exam Administration	Candidates	Pass	Fail	Pass %	Pass Point (out of 70)
2013	March	38	21	17	55.2	49
	September	54	36	18	66.7	49
2014	April	79	42	37	53.2	49
	August	67	29	38	43.3	49
	December	104	54	50	41.9	49
2015	April	93	51	42	54.8	49
	August	102	55	47	53.9	49
	December	91	52	39	57.1	49
2016	April	179	78	101	43.6	49
	August	54	27	27	50	49
	December	71	44	27	62	49
2017	April	38	21	17	55.3	49
	August	48	22	26	45.8	49
	December*	52	30	22	57.7	49
2018	April	41	24	17	58.5	49
	August^	58	33	25	56.8	400
	December	65	41	24	63.1	400
2019	April	48	26	22	54.2	400
	August	59	36	23	61.0	400

API SIFE - Source Inspector Fixed Equipment

Year	Exam Administration	Candidates	Pass	Fail	Pass %	Pass Point (out of 100)
2013	November	60	33	27	55	70
2014	April	61	38	23	62.3	70
	August	109	58	51	53.2	70
	December	86	50	36	58.1	70
2015	April	98	56	42	57.1	70
	August	93	62	31	66.7	70
	December	228	171	57	75	70
2016	April	173	125	48	72.2	70
	August	236	154	82	65.3	70
	December	170	103	67	60.6	70
2017	March	60	41	19	68.3	70
	July	106	84	22	79.2	70
	September (Special)	97	87	10	89.7	70
	November*	64	44	20	68.8	70
2018	March	56	39	17	69.6	70
	July	42	27	15	64.3	70
	November^	50	29	21	58.0	400
2019	March	26	16	10	61.5	400
	July	41	26	15	63.4	400

API SIRE - Source Inspector Rotating Equipment

Year	Exam Administration	Candidates	Pass	Fail	Pass %	Pass Point (out of 100)
2015	December	9	4	5	44.4	70
2016	April	15	7	8	46.7	70
	August	25	6	19	24	70
	December	30	10	20	33.3	70
2017	March	22	7	15	31.8	70
	July	31	13	18	41.9	70
	November*	78	65	13	83.3	70
2018	March	50	27	23	54.0	70
	July	32	11	21	34.4	70
	November^	26	14	15	54.0	400
2019	March	22	10	12	45.5	400
	July	23	7	16	30.4	400

API SIEE - Source Inspector Electrical Equipment

Year	Exam Administration	Candidates	Pass	Fail	Pass %	Pass Point (out of 100)
2016	December	2	0	2	0.0	70
2017	March	10	1	9	10.0	70
	July	7	0	7	0.0	70
	November*	13	1	12	7.7	70
2018	March	16	3	13	18.8	70
	July	27	5	22	18.5	70
	November^	17	0	17	0.0	400
2019	March	16	3	13	18.8	400
	July	7	1	6	14.3	400

API ACP - Auditor Certification

IAQ1					
Year	Exam Administration	Candidates	Pass	Fail	Pass %
2016	March	6	2	4	33.3
	August	2	1	1	50.0
2017	March	2	0	2	0.0
	July	2	0	2	0.0
	November	4	0	4	0.0
2019	July	1	0	1	0.0

IAQ2					
Year	Exam Administration	CANDI-DATES	PASS	FAIL	PASS %
2017	March	1	1	0	100.0
	November	2	0	2	0.0
2019	July	1	0	1	0.0

AQ1					
Year	Exam Administration	CANDI-DATES	PASS	FAIL	PASS %
2016	March	1	0	1	0.0
	August	2	0	2	0.0
	December	4	0	4	0.0
2017	March	6	0	6	0.0
	July	6	1	5	16.7
	November	6	3	3	50.0
2018	March	4	0	4	0.0
	July	5	0	5	0.0
	November	5	2	3	40.0
2019	March	3	0	3	0.0
	July	6	1	5	16.7

AQ2					
Year	Exam Administration	CANDI-DATES	PASS	FAIL	PASS %
2019	July	1	0	1	0.0

LAQ1					
Year	Exam Administration	CANDI-DATES	PASS	FAIL	PASS %
2016	March	1	0	1	0.0
	August	6	0	6	0.0
	December	2	0	2	0.0
2017	March	11	3	8	27.3
	July	3	0	3	0.0
	November	4	0	4	0.0
2018	March	2	0	2	0.0
	July	3	0	3	0.0
	November	3	0	3	0.0
2019	March	4	0	4	0.0
	July	3	1	2	33.3

LAQ2					
Year	Exam administration	CANDI-DATES	PASS	FAIL	PASS %
2016	March	1	0	1	0.0
	August	1	0	1	0.0
	December	1	1	0	100.0
2017	March	1	0	1	0.0
	July	1	0	1	0.0
	November	1	0	1	0.0

API 1169 - Pipeline Inspector

Year	Exam Administration	Candidates	Pass	Fail	Pass %	Pass Point (out of 100)
2014	November	67	35	32	52.2	68
2015	March	76	41	35	53.9	68
	July	69	32	37	46.4	68
	November	102	58	44	56.9	68
2016	March	135	98	37	72.6	69/70
	June Special	47	46	1	97.9	69/70
	July	325	266	59	81.9	69/70
	November	770	632	138	82.1	69/70
2017	January	392	306	86	78.1	69/70
	April	1088	861	227	79.1	70/71
	August	1031	777	254	75.4	70/71
	September/October	364	269	95	73.9	70/71
	December	1048	797	251	76.0	70/71
2018	January	716	533	183	74.4	70/71
	April	980	755	225	77.0	68/71
	June	740	554	186	74.9	68/71
	August	764	576	188	75.4	68/71
	October/November^	720	523	197	73.0	400
	December	853	626	227	73.4	400
2019	January	616	428	188	69.5	400
	April	909	609	300	66.9	400
	August	1147	683	464	59.6	400

API QUTE

Year	Session #	Exam administration	CANDI-DATES	PASS	FAIL	PASS %
2014	56	January	15	11	4	73.3
	57	March	5	0	5	0
	58	May	19	12	7	63
	59	July	25	11	14	44
	60	September	18	11	7	61
	61	November	20	13	7	65
2015	62	January	10	5	5	50
	63	February I	8	4	4	50
	64	February II	4	1	3	.25
	65	March	24	17	7	70.8%
	66	May	27	23	4	85.2
	67	July	10	7	3	70
	68	August	13	10	3	76.9
	69	September	6	4	2	66.7
	70	October	7	5	2	71.4
	71	November	17	12	5	70.6
	72	December	4	1	3	25.00
2016	74	January	15	10	5	66.67
	76	March	29	22	7	75.86
	77	June	30	17	13	56.67
	78		3	2	1	66.67
	79		22	12	10	54.55
	80	September	15	10	5	66.67
	81	November	17	10	7	58.82
2017	82	January	16	10	6	62.50
	83	March	20	12	8	60
	84		16	12	4	75
	85		17	11	6	64.7
	86		13	8	5	61.5
		July Special Session	9	9	0	100
	87	November	19	11	8	57.89
2018	88	January	18	8	10	44.44
	89	March	9	6	3	66.67
	90	May	20	13	7	65.00
	91	July	10	5	5	50.00
	92	September	13	11	4	84.62
	93	December	14	7	7	50
2019	94	January	13	9	4	69.23
	95	March	11	7	4	63.64
	96	May	13	9	4	69.23
	97	July	13	5	8	38.46
	98	September	10	4	6	40

API QUSE

Year	Session	Exam administration	CANDI-DATES	PASS	FAIL	PASS %
2014	59	January	1	1	0	100
	60	July	3	2	1	66.6
	61	September	1	1	0	100
2015	62	January	3	2	1	66.6
	63	February I	15	1	14	1
	64	February II	-	-	-	
	65	March	9	2	7	22.2
	66	May	4	3	1	75
	67	July	9	3	6	33.3
	68	August	2	0	2	0
	69	September	4	1	3	75
	71	November	4	0	4	0
	72	December	2	0	2	0
2016	74	January	9	5	4	55.56
	76	March	8	1	7	12.5
	77	June	10	4	6	40.00
	78		7	2	5	28.57
	79		15	6	9	40
	80	September	6	2	4	33.33
	81	November	11	8	3	72.73
2017	82	January	6	2	4	33.33
	83	March	3	1	2	33.33
	84		1	0	1	0
	85		0	0	0	0
	86		1	0	1	0
		July Special Session	8	5	3	62.5
	87	November	4	3	1	75
2018	88	January	3	0	3	0
	89	March	6	3	3	50
	90	May	1	1	0	100
	91	July	2	0	2	0
	92	September	1	0	1	0
	93	December	2	0	2	0
2019	94	January	1	0	1	0
	95	March	1	0	1	0
	96	May	3	2	1	66.6
	97	July	1	1	0	100
	98	September	8	5	3	62.5

API QUPA

Year		Exam administration	CANDI-DATES	PASS	FAIL	PASS %
2014		January	1	1	0	100
		July	3	2	1	66.6
		September	1	1	0	100
2015		January	3	2	1	66.1
		February I	15	1	14	1
	64	February II	-	-	-	
	65	March	9	2	7	22.2
	66	May	4	3	1	75
	67	July	9	3	6	33.3
	68	August	2	0	2	0
	69	September	4	1	3	75
	71	November	4	0	4	0
	72	December	2	0	2	0
2016	74	January	9	5	4	80.00
	76	March	8	1	7	71.43
	77	June	13	12	1	92.31
	78		3	2	1	66.67
	79		18	11	7	61.11
	80	September	5	4	1	80
	81	November	10	8	2	80
2017	82	January	11	11	0	100
	83	March	20	15	5	75
	84		19	12	7	63
	85		13	10	3	76.9
	86		18	13	5	72.2
		July Special Session	9	9	0	100
	87	November	13	10	3	76.92
2018	88	January	3	0	3	0
	89	March	6	3	3	50
	90	May	11	10	1	90.91
	91	July	7	6	1	85.71
	92	September	13	13	0	100
	93	December	14	10	4	71.43
2019	94	January	9	5	4	55.56
	95	March	13	9	4	69.23
	96	May	11	7	4	63.64
	97	July	7	5	2	71.4
	98	September	17	14	3	82.3

API QUSE-PA

Year		Exam administration	CANDI-DATES	PASS	FAIL	PASS %
2017		pilot	20	10	10	50
	85		5	4	1	80
	86		2	1	1	50
	Special	July Special Session	15	12	3	80
	87	November	5	5		100
2018	88	January	4	2	2	50
	89	March	2	0	2	0
	90	May	6	4	2	66.67
	91	July	2	1	1	50.00
	92	September	6	2	4	33.33
	93	December	4	3	1	75
2019	94	January	4	2	2	50
	95	March	0	0	0	0
	96	May	3	0	3	0
	97	July	2	2	0	100
	98	September	6	6	0	100