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# Individual Certification Programs Status Update

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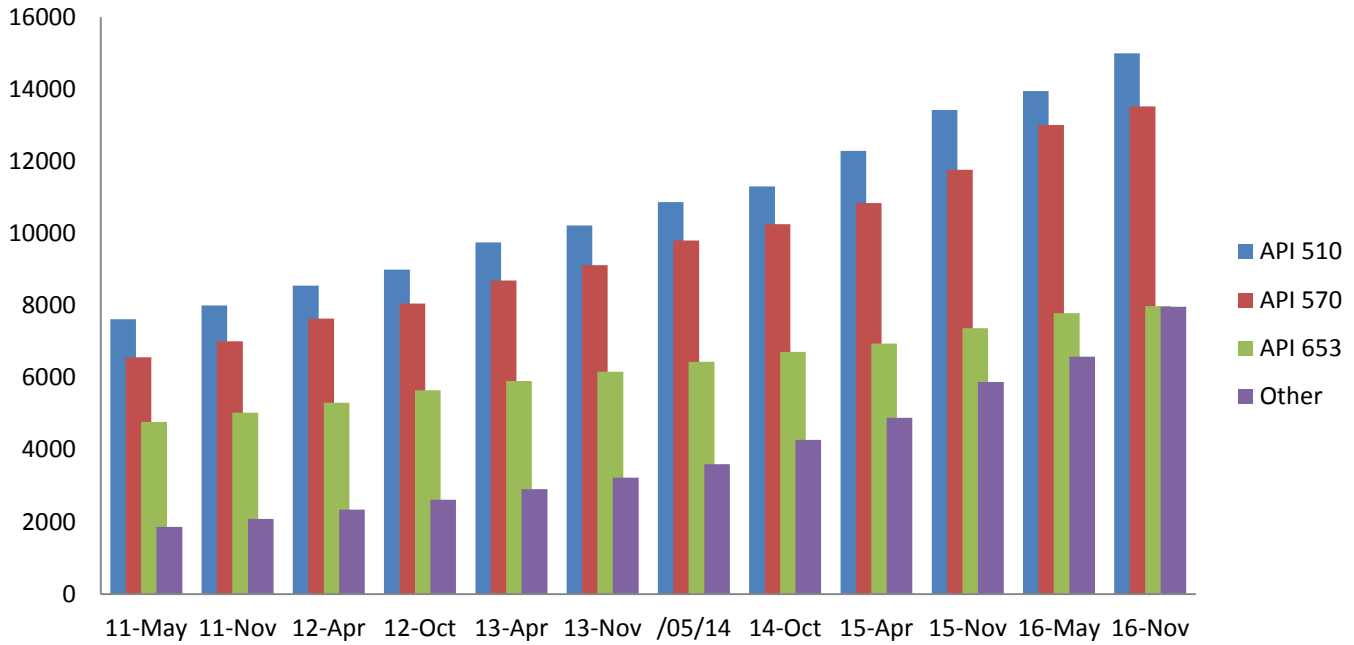
Breakdown as of 10/31/2016

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Andri Orphanides

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## Overall Program Growth



Program	11- May	11- Nov	12- Apr	12- Oct	13- Apr	13- Nov	14- May	14- Oct	15- Apr	15- Nov	16- May	16- Nov
API 510	7622	8002	8556	8994	9746	10221	10871	11300	12290	13424	13946	14992
API 570	6563	7009	7639	8052	8695	9116	9806	10259	10840	11767	13009	13519
API 653	4768	5029	5304	5647	5905	6162	6440	6713	6945	7374	7787	7986
API 936	554	599	706	784	901	964	1051	1173	1232	1326	1409	1533
TES	423	480	518	572	609	631	629	626	658	678	673	680
API 571	272	300	327	355	382	416	481	595	707	878	988	1147
API 580	315	359	419	490	565	645	778	1061	1288	1651	1844	2136
API 577	99	115	129	148	161	182	216	283	337	436	484	543
QUTE	201	226	241	269	286	327	339	323	343	373	385	424
QUSE							18	21	23	27	35	55
QUPA							43	56	62	85	132	175
SI - FE							33	129	179	294	463	732
API 1169									30	102	158	522
SI-RE											4	16
ACP												3
<b>TOTAL</b>	<b>20821</b>	<b>22132</b>	<b>23863</b>	<b>25335</b>	<b>27279</b>	<b>28725</b>	<b>30721</b>	<b>32547</b>	<b>34961</b>	<b>38449</b>	<b>41,325</b>	<b>44,463</b>

# Certified Inspectors Worldwide

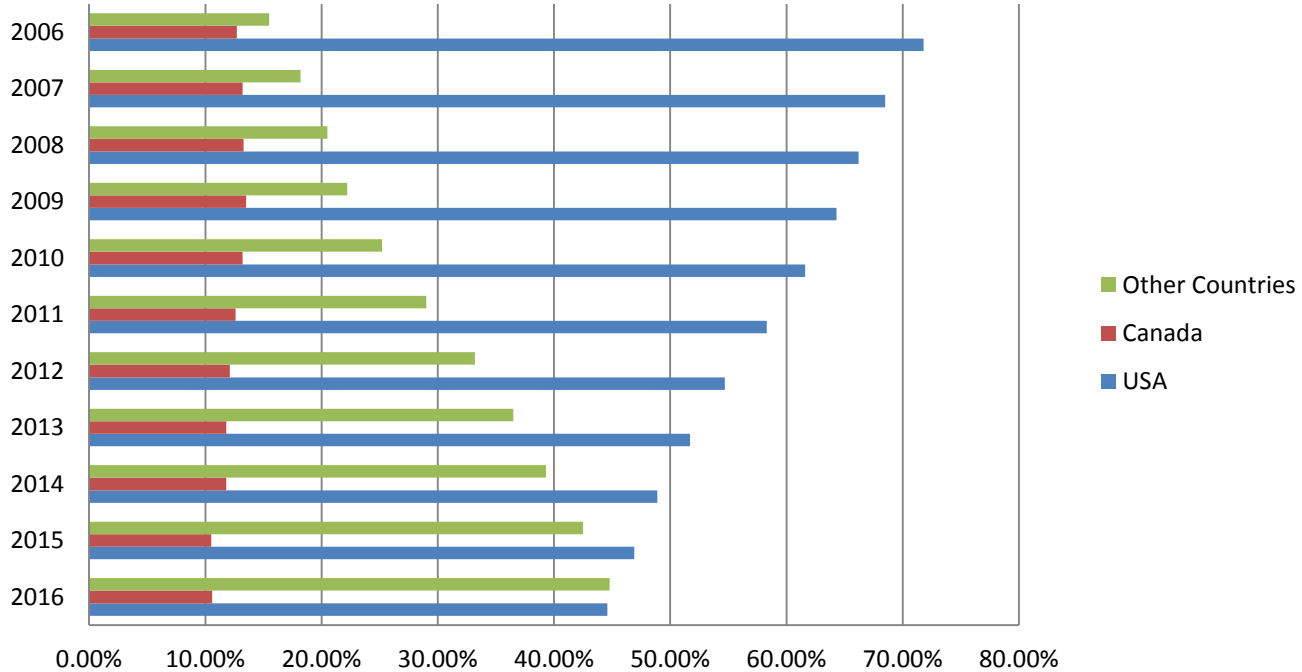


Worldwide Certified Inspectors (Top 10)

Top 10 Countries	Certified Individuals ▼	%GT Certified Individuals
United States	11062	44.58%
Other	5759	23.21%
Canada	2639	10.64%
South Korea	1245	5.02%
United Arab Emirates	803	3.24%
India	776	3.13%
Malaysia	642	2.59%
United Kingdom	513	2.07%
Qatar	471	1.90%
Singapore	455	1.83%
Egypt	447	1.80%
<b>Total</b>	<b>24812</b>	<b>100.00%</b>

ICP currently has over 24,800 inspectors in 118 countries.

## Percentage Breakdown of Certified Inspectors

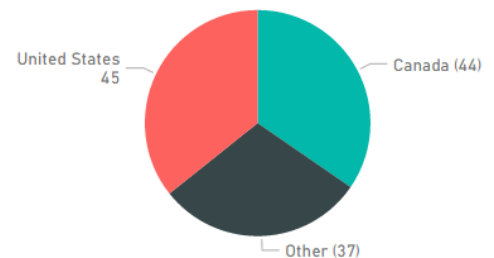


Year	USA		Canada		Other countries	
2006	5350	71.80%	949	12.70%	1155	15.50%
2007	5598	68.50%	1079	13.20%	1489	18.20%
2008	5964	66.20%	1196	13.30%	1842	20.50%
2009	6495	64.30%	1358	13.50%	2243	22.20%
2010	6846	61.60%	1468	13.20%	2807	25.20%
2011	7408	58.30%	1605	12.60%	3688	29.00%
2012	7934	54.70%	1761	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%

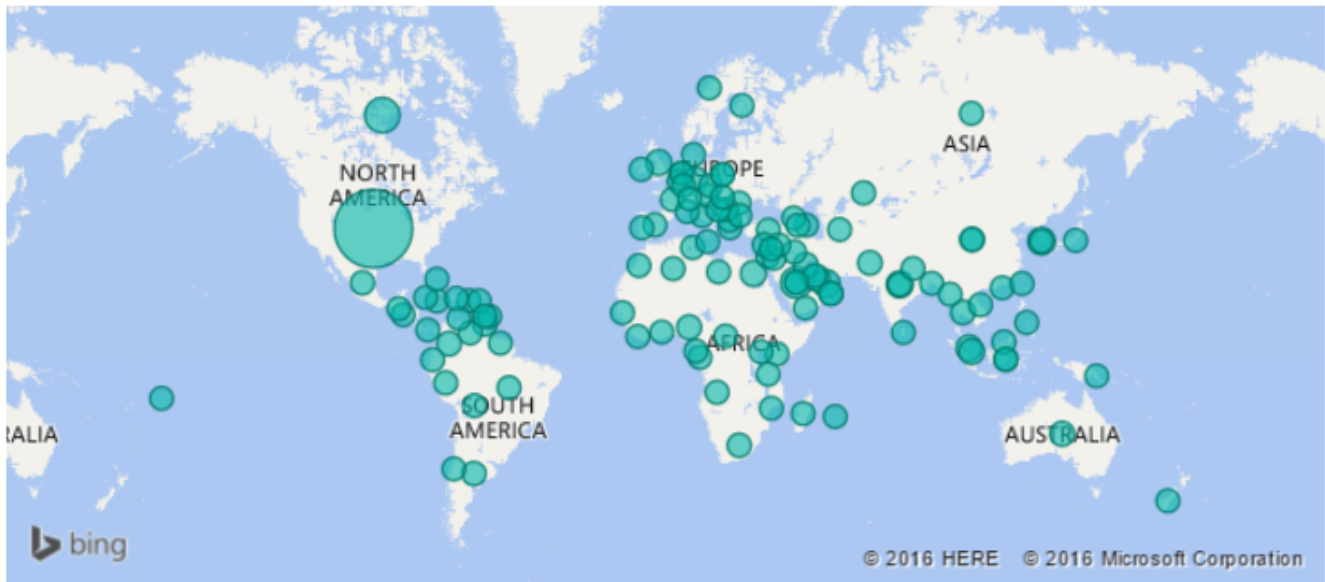
Average Age of Inspectors (US, Canada & Others)

Country (groups)	Certified Individuals	Average of Current Age	%GT Certified Individuals
Other	11111	37	44.78%
United States	11062	45	44.58%
Canada	2639	44	10.64%
<b>Total</b>	<b>24812</b>	<b>42</b>	<b>100.00%</b>

Median Age Breakdown of Inspectors

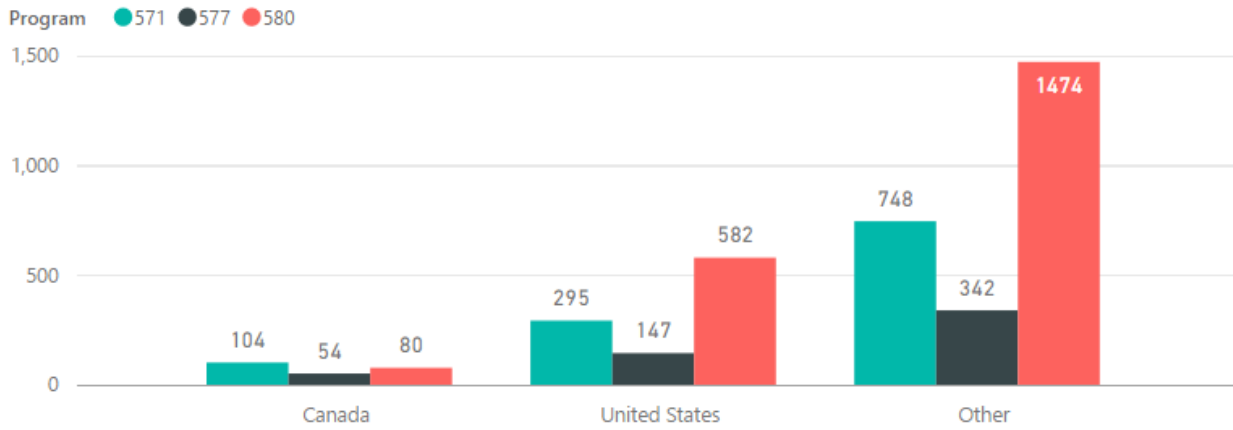


# Global Certificate Distribution (Total by Country)



Top 10 Countries (Certificates)	Count of Certificates	%GT Count of Certificates
United States	20539	46.19%
Other	8033	18.07%
Canada	4468	10.05%
Kingdom of Saudi Arabia	3081	6.93%
United Arab Emirates	1641	3.69%
South Korea	1547	3.48%
India	1268	2.85%
Qatar	1092	2.46%
Malaysia	1022	2.30%
Egypt	906	2.04%
United Kingdom	866	1.95%
<b>Total</b>	<b>44463</b>	<b>100.00%</b>

## Breakdown of Specialized Programs



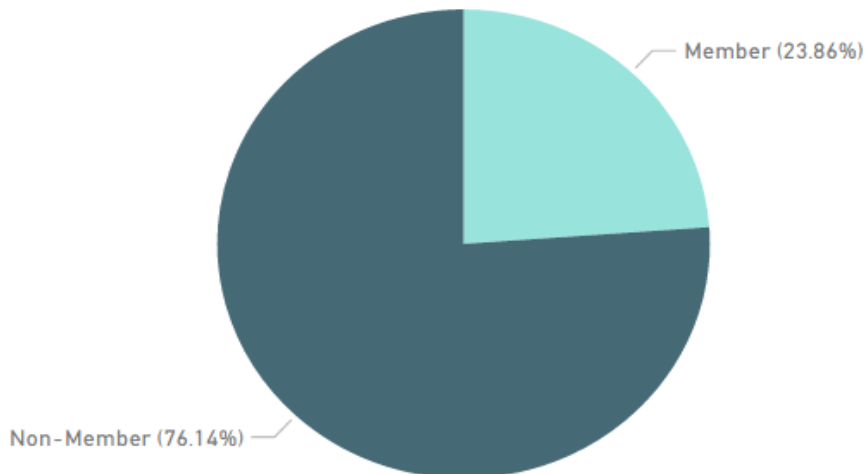
571, 577 and 580 Global Count

US, Canada & Foreign	571	577	580	...
Canada	104	54	80	<b>238</b>
United States	295	147	582	<b>1024</b>
Other	748	342	1474	<b>2564</b>
<b>Total</b>	<b>1147</b>	<b>543</b>	<b>2136</b>	<b>3826</b>

Figure 1: 571, 577, 580

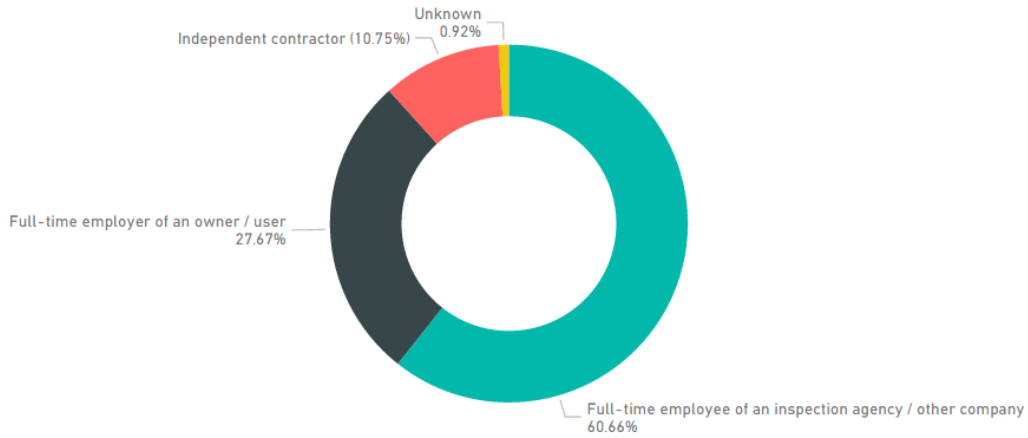
## Member vs. Non-Member

### Certified Individuals by Member Type

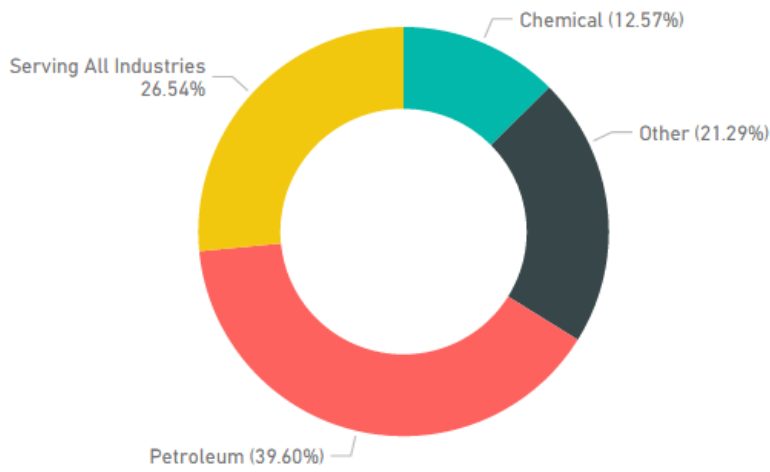


# Demographic Breakdown of Certified Inspectors

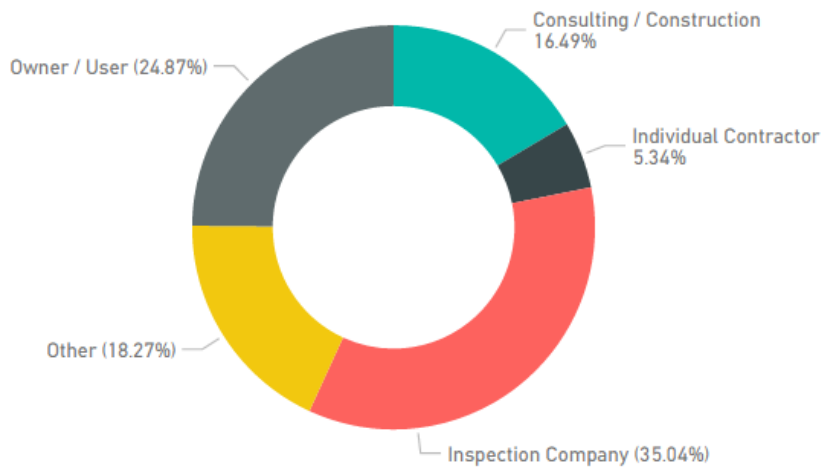
## Certified Individuals by Employment Status



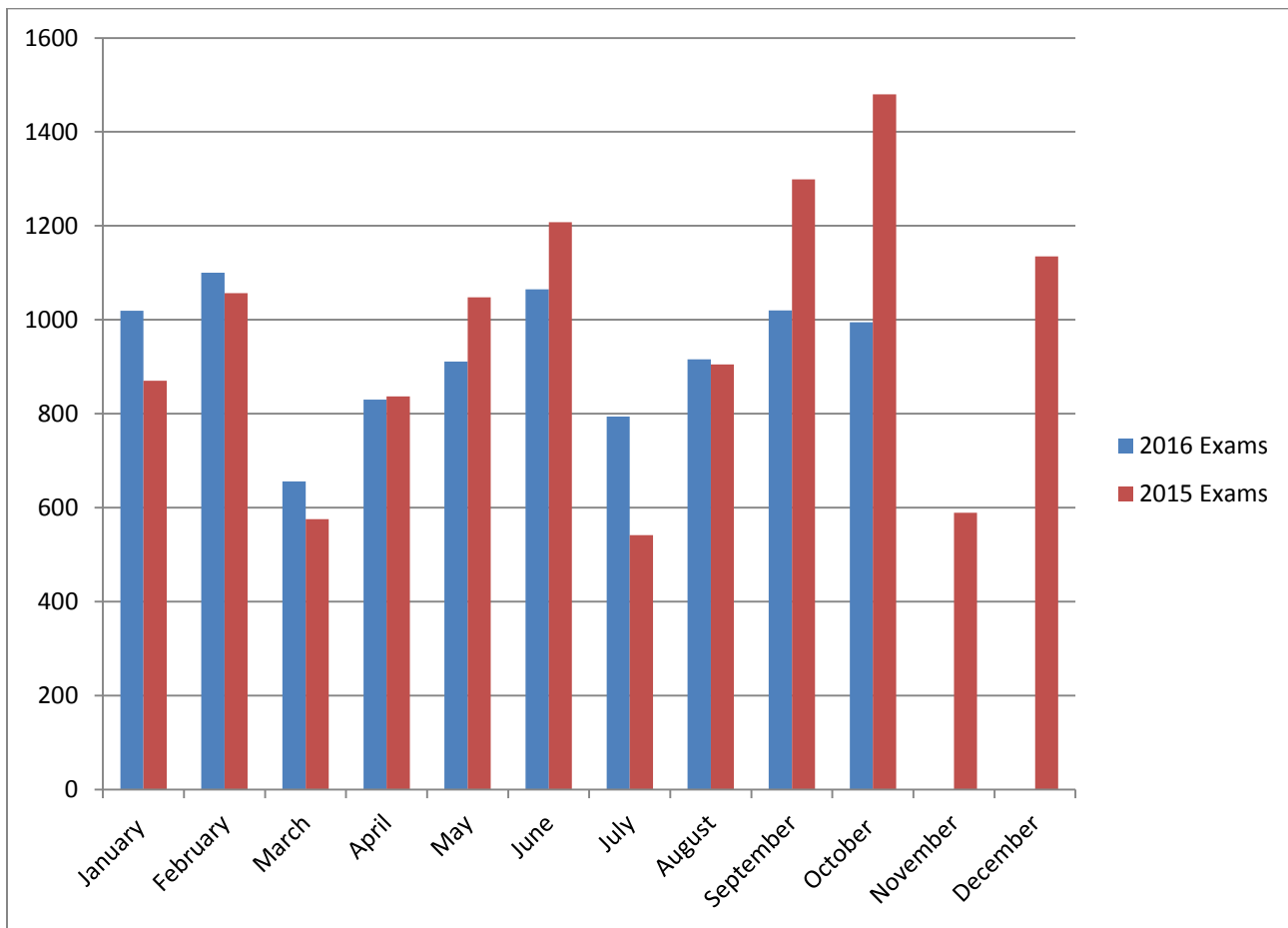
## Certified Individuals by Industry Served



## Certified Individuals by Organization Type



## Breakdown of Exams Administered



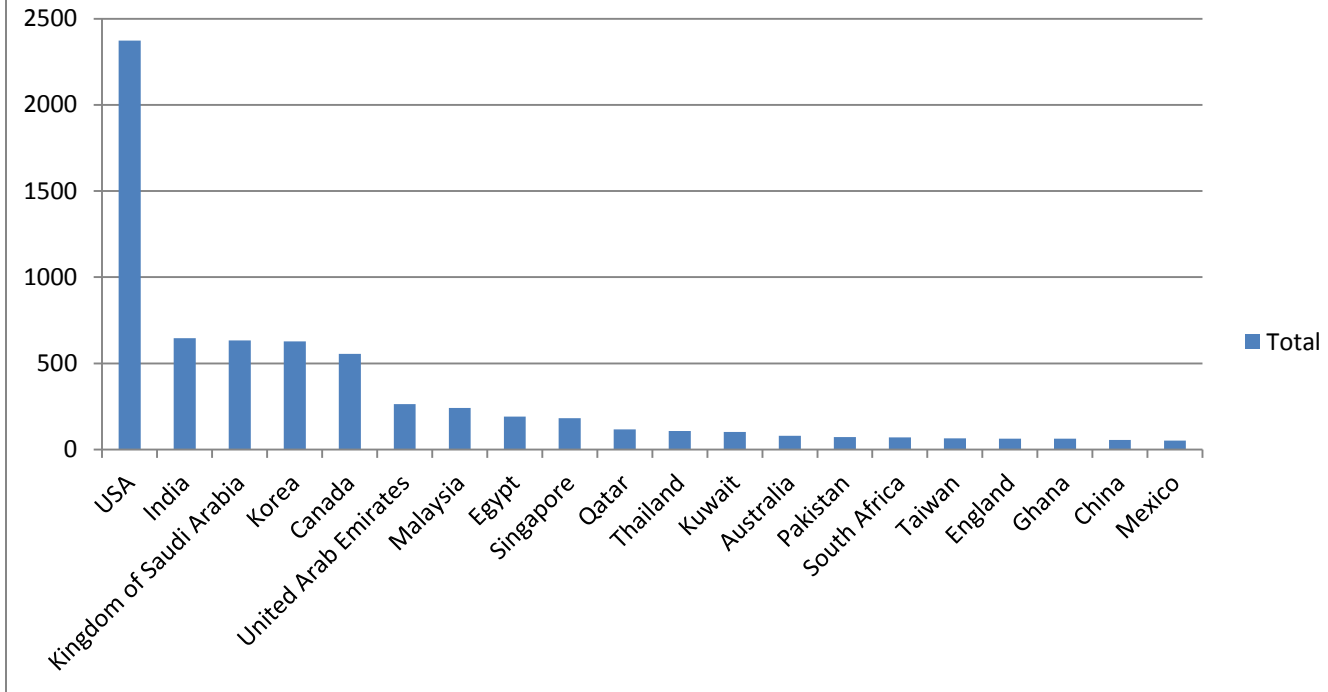
\*In 2015, we held 11,546 exams.

\*Between January 1<sup>st</sup> and October 31<sup>st</sup>, 2016 we have held 9,306 exams. We are expecting between 2,000 – 2,100 for November and December 2016.



## Top 20 Countries by Exams Administered

January - September 2016



Country	Number of CBT Exams
USA	2372
India	645
Kingdom of Saudi Arabia	633
Korea	628
Canada	554
United Arab Emirates	264
Malaysia	241
Egypt	191
Singapore	182
Qatar	117
Thailand	107
Kuwait	101
Australia	80
Pakistan	72
South Africa	71
Taiwan	64
England	63
Ghana	63
China	56
Mexico	51

So far, applicants tested in 60 different countries in 317 testing centers

## EXAM PERFORMANCE

### API 510 - Pressure Vessel Inspectors

Year	Exam Administration	CANDI-DATES	PASS	FAIL	PASS %	Pass Point
2010	June	678	357	321	51.7	109
	September	344	201	143	58.4	109
	December	651	342	309	52.5	110
2011	June	742	392	350	52.8	108
	September	440	216	224	49.1	108
	December	833	445	388	53.4	109
2012	June	988	554	434	56.1	109
	September	634	337	297	53.2	109
	December	795	485	310	61.1	90*
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

### API 653 - Aboveground Storage Tanks Inspectors

Year	Exam administration	CANDIDATES	PASS	FAIL	PASS %	PASS POINT
2010	March	473	274	199	57.9	103
	September	492	300	192	61.0	103
2011	March	586	319	267	54.4	101
	September	660	332	328	50.3	101
2012	March	683	383	300	56.1	105
	September	691	419	272	60.6	107
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

### API 570 - Piping Inspectors

Year	Exam administration	CANDIDATES	PASS	FAIL	PASS %	PASS POINT
<b>2010</b>	June	815	428	387	52.5	107
	September	351	178	173	50.7	107
	December	735		360	51.0	110
<b>2011</b>	June	882	487	395	55.2	108
	September	454	224	230	49.3	108
	December	981	526	455	53.6	110
<b>2012</b>	June	1002	506	496	50.5	110
	September	732	353	379	48.2	111
	December	784	366	418	46.7	86*
<b>2013</b>	June	1078	556	522	51.6	<b>87</b>
	September	730	349	381	47.8	87
	December	941	527	414	56.0	90
<b>2014</b>	June	1133	554	579	48.9	90
	October	1107	548	559	49.5	90
<b>2015</b>	February	1070	517	537	48.3.	89
	June	1208	672	536	55.6	89
	October	1318	759	721	57.6	89/90
<b>2016</b>	February	1100	599	501	54.5	89/90
	June	1000	546	454	54.6	89/90

### API UT Examiners

Year	Session #	Exam administration	CANDI-DATES	PASS	FAIL	PASS %
<b>2012</b>	37	March	25	12	13	48
	38	May	15	10	5	48.3
	39	June	17	9	8	53.0
	40	July	18	11	7	61.1
	41	September	3	2	1	
	42	October	2	1	1	
	43	November	19	11	8	
<b>2013</b>	44	January	6	4	2	
	45	January	17	9	8	
	46	February	6	3	3	
	47	February	20	15	5	
	48	March	6	2	4	
	49	May	18	10	8	
	50		6	5	1	
	51		24	15	9	
	52	July	16	9	7	
	53	August	13	10	3	
	54	September	18	10	8	55.6
	55	November	18	10	8	55.6
<b>2014</b>	56	January	15	11	4	
	57	March	5	0	5	
	58	May	19	12	7	
	59	July	25	11	14	
		September	18	11	7	
		November	20	13	7	65
<b>2015</b>		January	10	5	5	
		February I	8	4	4	
		February II	4	1	3	
		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
<b>2016</b>	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

### API UT Examiners (Sizing)

Year	Exam administration	CANDI-DATES	PASS	FAIL	PASS %
<b>2007</b>	pilot		3		
<b>2009</b>	December	11	1	10	9
<b>2010</b>	No applications				
<b>2011</b>	July	5	3	2	60
	November	4	2	2	50
<b>2012</b>	March	3	1	2	
	June	1	0	1	0
	November	1	0	1	
<b>2013</b>	March	6	3	3	
	September	7	5	2	
	November	6	2	4	33.3
<b>2014</b>	January	1	1	0	
	July	3	2	1	
	September	1	1	0	
<b>2015</b>	January	3	2	1	
	February I	15	1	14	
<b>Session 64</b>	February II	-	-	-	
<b>65</b>	March	9	2	7	22.2
<b>66</b>	May	4	3	1	75
<b>67</b>	July	9	3	6	33.3
<b>68</b>	August	2	0	2	0
<b>69</b>	September	4	1	3	75
<b>71</b>	November	4	0	4	0
<b>72</b>	December	2	0	2	0
<b>2016, ses. 74</b>	January	9	5	4	55.56
<b>76</b>	March	8	1	7	12.5
<b>77</b>	June	10	4	6	40.00
<b>78</b>		7	2	5	28.57
<b>79</b>		15	6	9	40
<b>80</b>	September	6	2	4	33.33

### API UT Examiners (Phased Array)

Year	Exam administration	CANDI-DATES	PASS	FAIL	PASS %
<b>2007</b>	pilot		3		
<b>2009</b>	December	11	1	10	9
<b>2010</b>	No applications				
<b>2011</b>	July	5	3	2	60
	November	4	2	2	50
<b>2012</b>	March	3	1	2	
	June	1	0	1	0
	November	1	0	1	
<b>2013</b>	March	6	3	3	
	September	7	5	2	
	November	6	2	4	33.3
<b>2014</b>	January	1	1	0	
	July	3	2	1	
	September	1	1	0	
<b>2015</b>	January	3	2	1	
	February I	15	1	14	
<b>Session 64</b>	February II	-	-	-	
<b>65</b>	March	9	2	7	22.2
<b>66</b>	May	4	3	1	75
<b>67</b>	July	9	3	6	33.3
<b>68</b>	August	2	0	2	0
<b>69</b>	September	4	1	3	75
<b>71</b>	November	4	0	4	
<b>72</b>	December	2	0	2	
<b>2016, ses. 74</b>	January	9	5	4	80.00
<b>76</b>	March	8	1	7	71.43
<b>77</b>	June	13	12	1	92.31
<b>78</b>		3	2	1	66.67
<b>79</b>		18	11	7	61.11
<b>80</b>	September	5	4	1	80

### API TES – Tank Entry Supervisors

YEAR	EXAM ADMINISTRATI ON	CANDI- DATES	PASS	FAIL	PASS %	PASS POINT (OUT OF 120)
2010	March	46	26	20	56.5	86
	September	82	47	35	57.3	86
2011	March	139	62	77	44.6	86
	September	121	47	74	38.8	86
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

### API 936 - Refractory Personnel

Year	Exam administration	CANDI- DATES	PASS	FAIL	PASS %	PASS POINT (out of 75)
2010	March (2)	82	53	29	64.6	51
	May	9	8	1	89.0	51
	sept	77	53	24	68.8	51
2011	February	12	9	3	75	51
	June	91	58	33	63.7	51
	December	154	109	45	70.8	51
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

### API 571 - Corrosion and Materials Professional

Year	Exam administration	CANDIDATES	PASS	FAIL	PASS %	PASS POINT (out of 70)
2010	March	75	34	41	45.3	49
	September	84	43	41	51.2	49
2011	March	89	34	55	38.2	49
	September	86	27	59	31.4	49
2012	March	102	28	74	27.5	49
	September	127	37	90	29.1	49
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

### API 580 - Risk Based Inspection Professional

Year	Exam administration	CANDIDATES	PASS	FAIL	PASS %	PASS POINT (out of 70)
2010	March	75	34	41	45.3	49
	September	84	43	41	51.2	49
2011	March	89	34	55	38.2	49
	September	86	27	59	31.4	49
2012	March	102	28	74	27.5	49
	September	127	37	90	29.1	49
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



**API 577 - Welding Inspection and Metallurgy Professional**

Year	Exam administration	CANDIDATES	PASS	FAIL	PASS %	PASS POINT (out of 70)
2010	March	75	34	41	45.3	49
	September	84	43	41	51.2	49
2011	March	89	34	55	38.2	49
	September	86	27	59	31.4	49
2012	March	102	28	74	27.5	49
	September	127	37	90	29.1	49
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

**API SIFE - Source Inspector Fixed Equipment**

Year	Exam administration	CANDIDATES	PASS	FAIL	PASS %	PASS POINT (out of 70)
2010	March	75	34	41	45.3	49
	September	84	43	41	51.2	49
2011	March	89	34	55	38.2	49
	September	86	27	59	31.4	49
2012	March	102	28	74	27.5	49
	September	127	37	90	29.1	49
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

### API 1169 - Pipeline Inspector

Year	Exam administration	CANDI-DATES	PASS	FAIL	PASS %	PASS POINT
2014	November	67	35	23	47.8	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	68
	June Special	47	46	1	97.9	68
	July	325	266	59	81.9	68