



CMMI[®] Institute

AN ISACA ENTERPRISE

CMMI[®] ADOPTION TRENDS

2019 Mid Year Update

PURPOSE

- The purpose of the CMMI Adoption Trends Report (formerly known as the Maturity Profile Report) is to provide an overall look at businesses using CMMI. It is based on appraisal and training data since 2008. The report includes adoption trends, regional usage data, and customer satisfaction scores.
- Publication frequency: semi-annual update, February & August

EXECUTIVE SUMMARY

- Appraisals increased by 9% from 2018
- Companies who reappraise decreased, currently at 66%
- 12% of reported appraisals are high maturity (level 4 or 5)
- 76% of appraised organizational units have 100 or fewer employees
- Appraisals reported from China continues to increase
- Students trained projected to increased by 36% from 2018
- Organizations using CMMI represented on Fortune 500 list
- CMMI loyalty in the top quartile

OVERVIEW

- Appraisal Activity
- Training Activity

APPRAISAL DATA

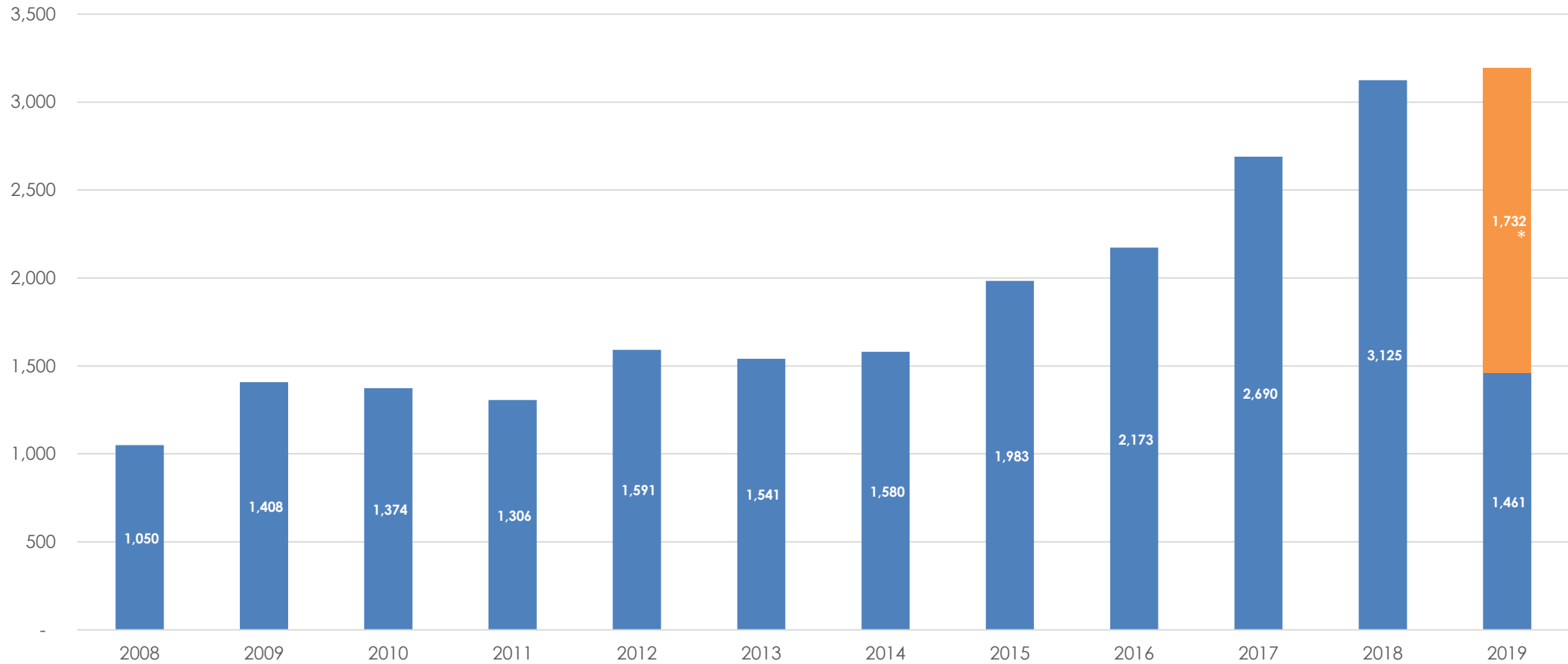
Appraisal results are from CMMI appraisals Method for Process Improvement (SCAMPI) V1.1/V1.2/V1.3 Class A appraisals using Capability Maturity Model Integration (CMMI V1.1/V1.2/V1.3/V2.0 – all constellations) and People CMM (V1/V2).

The appraisal reports contained in this document were compiled with data on 21,282 CMMI appraisal* results delivered from 2008 – June 2019.

*SCAMPI A appraisals only

APPRAISALS BY YEAR

Benchmark Appraisals 2% Increase over 2018

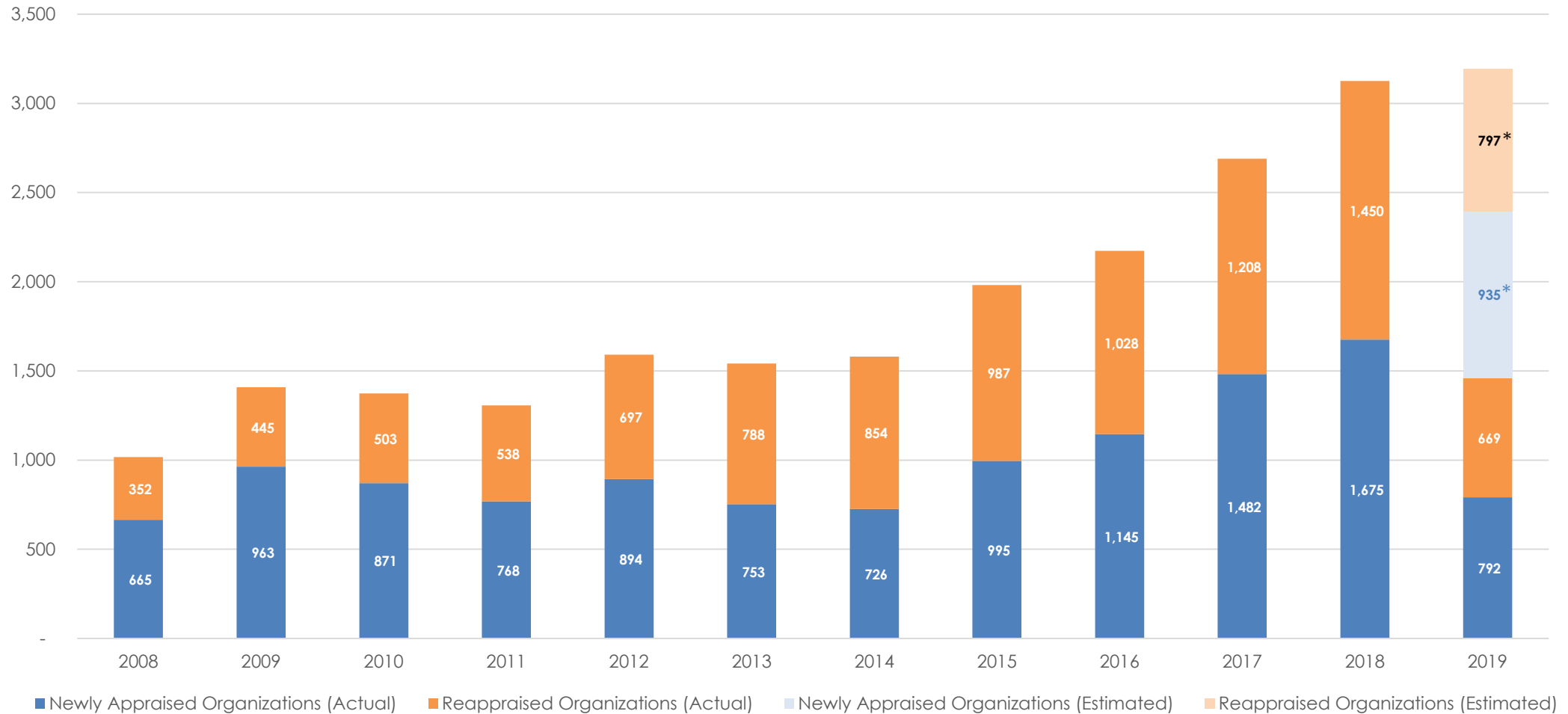


Based on 21,282 accepted CMMI-SCAMPI A Deliveries

1 January 2008 – 30 June 2019

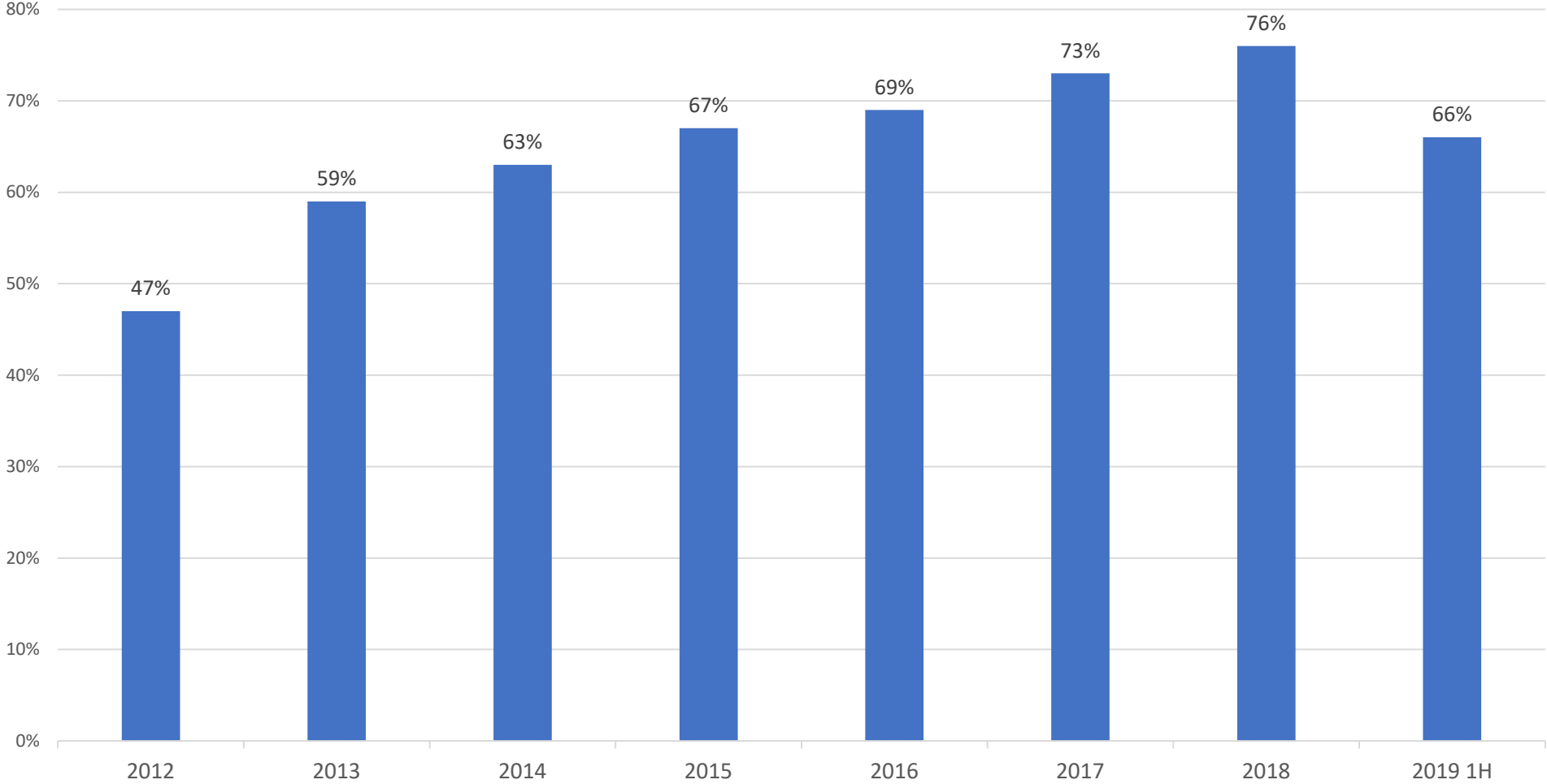
*Estimate based on 2018-2019 data

NEWLY APPRAISED VS RE-APPRAISED



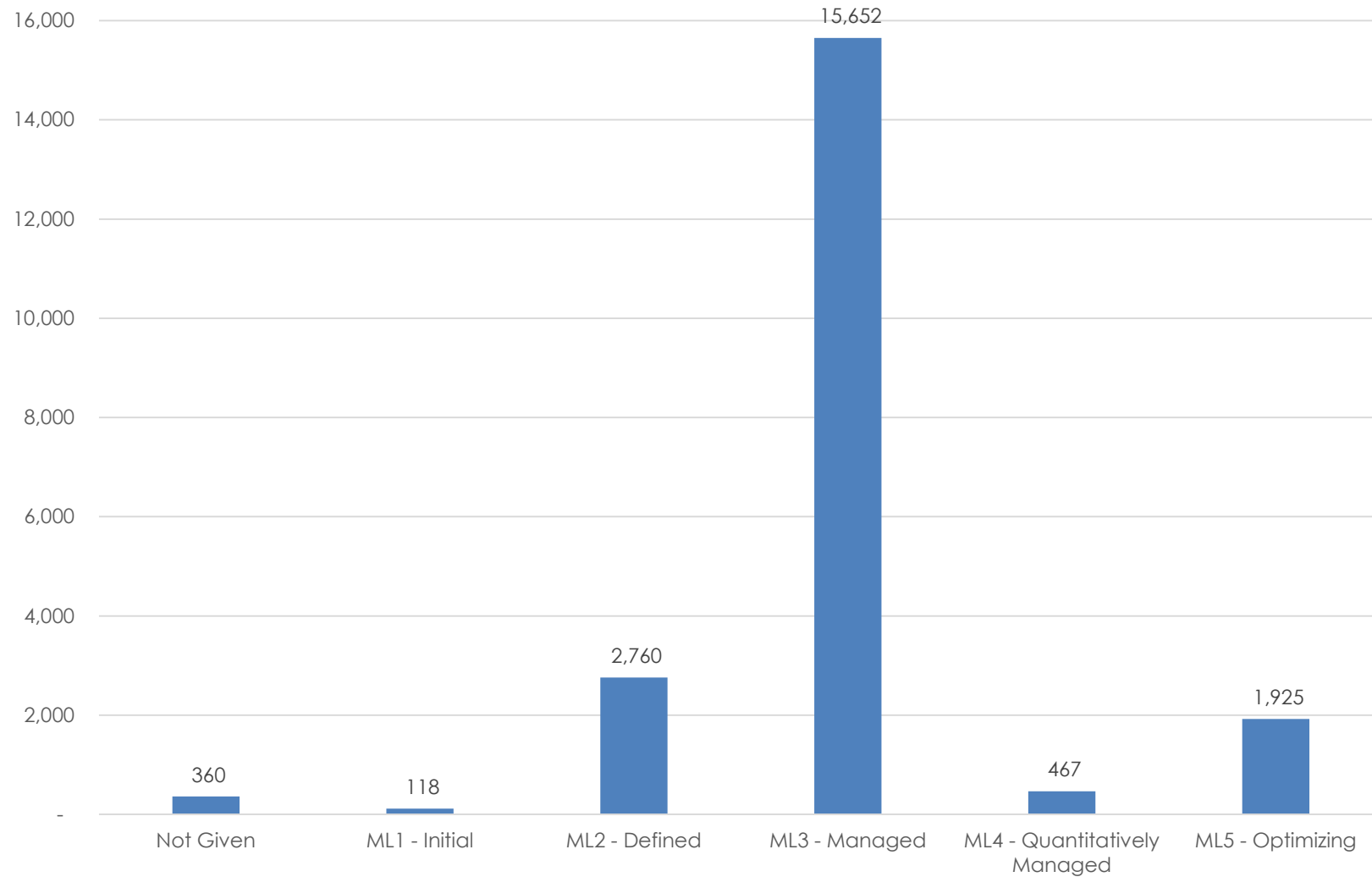
Based on 21,282 accepted CMMI-SCAMPI A Deliveries
 1 January 2008 – 30 June 2019
 *Estimate based on 2018-2019 data

APPRAISAL RETENTION RATE



Number of appraisals up for renewal in a given year that submit a re-appraisal.
Based on 21,282 accepted CMMI-SCAMPI A Deliveries
1 January 2008 – 30 June 2019

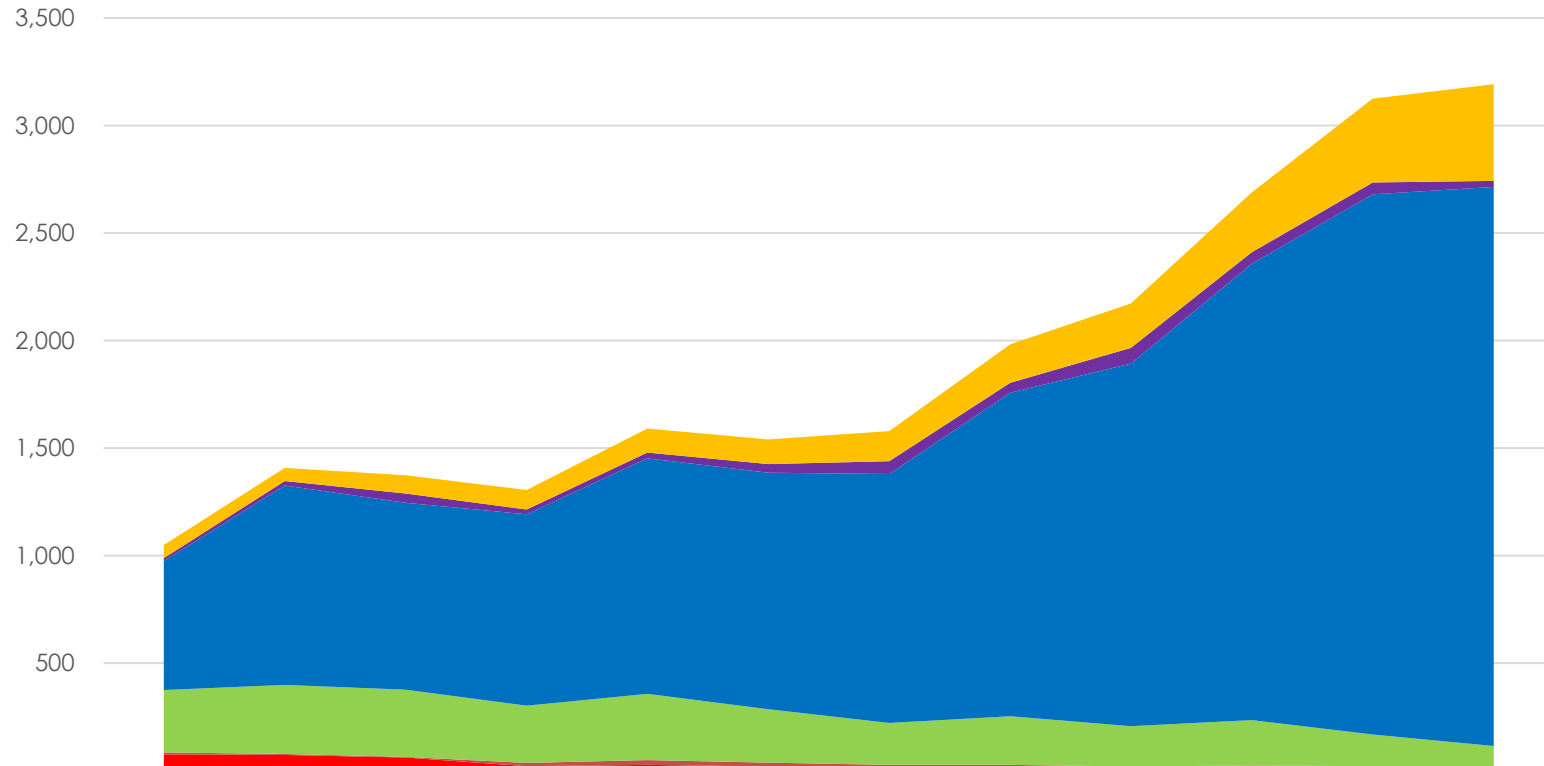
APPRAISALS BY MATURITY LEVEL: TOTALS SINCE 2008



Based on 21,282 accepted CMMI-SCAMPI A Deliveries
1 January 2008 – 30 June 2019

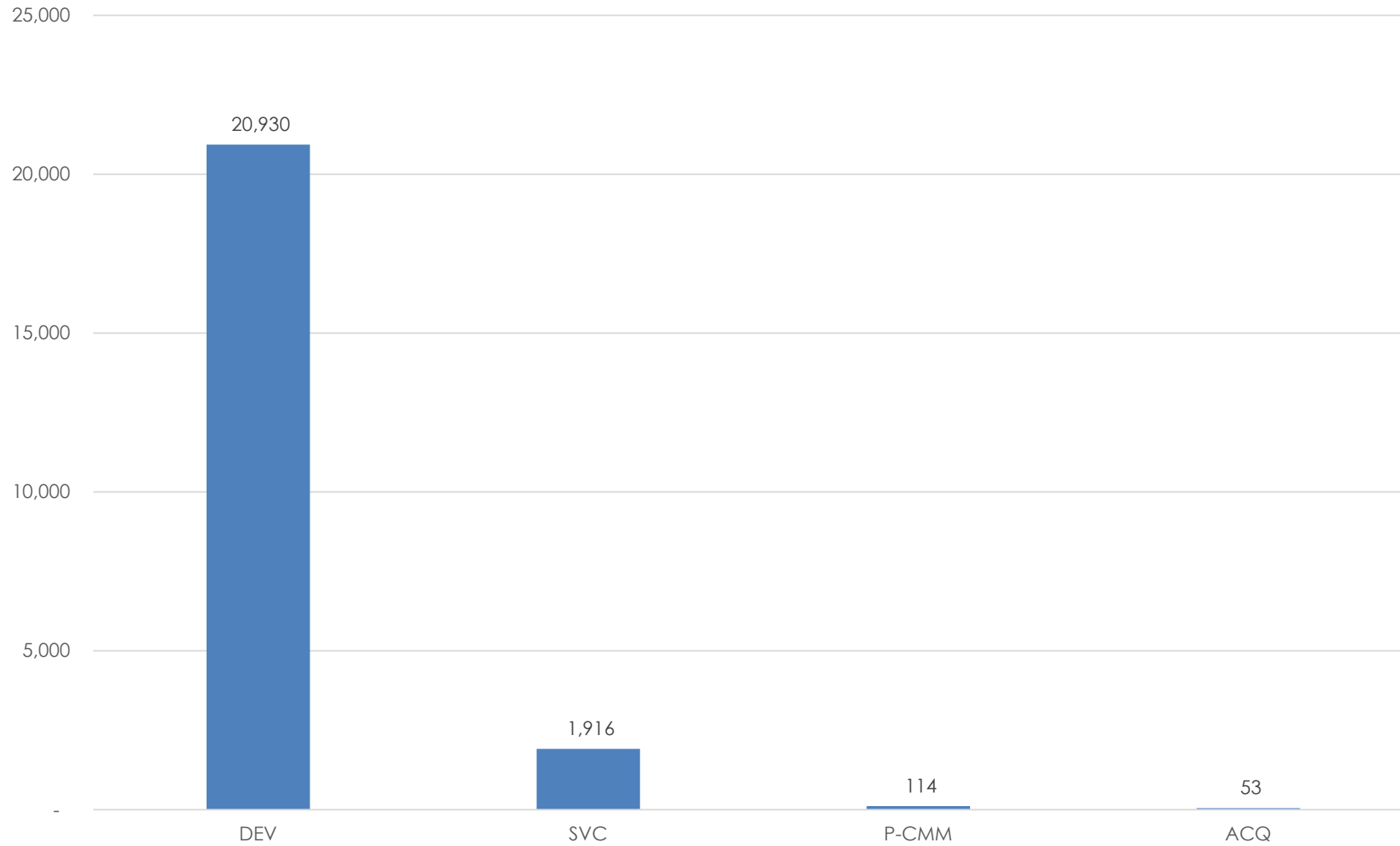
APPRAISALS BY MATURITY LEVEL

12% of appraisals reported are high maturity (level 4 or 5)



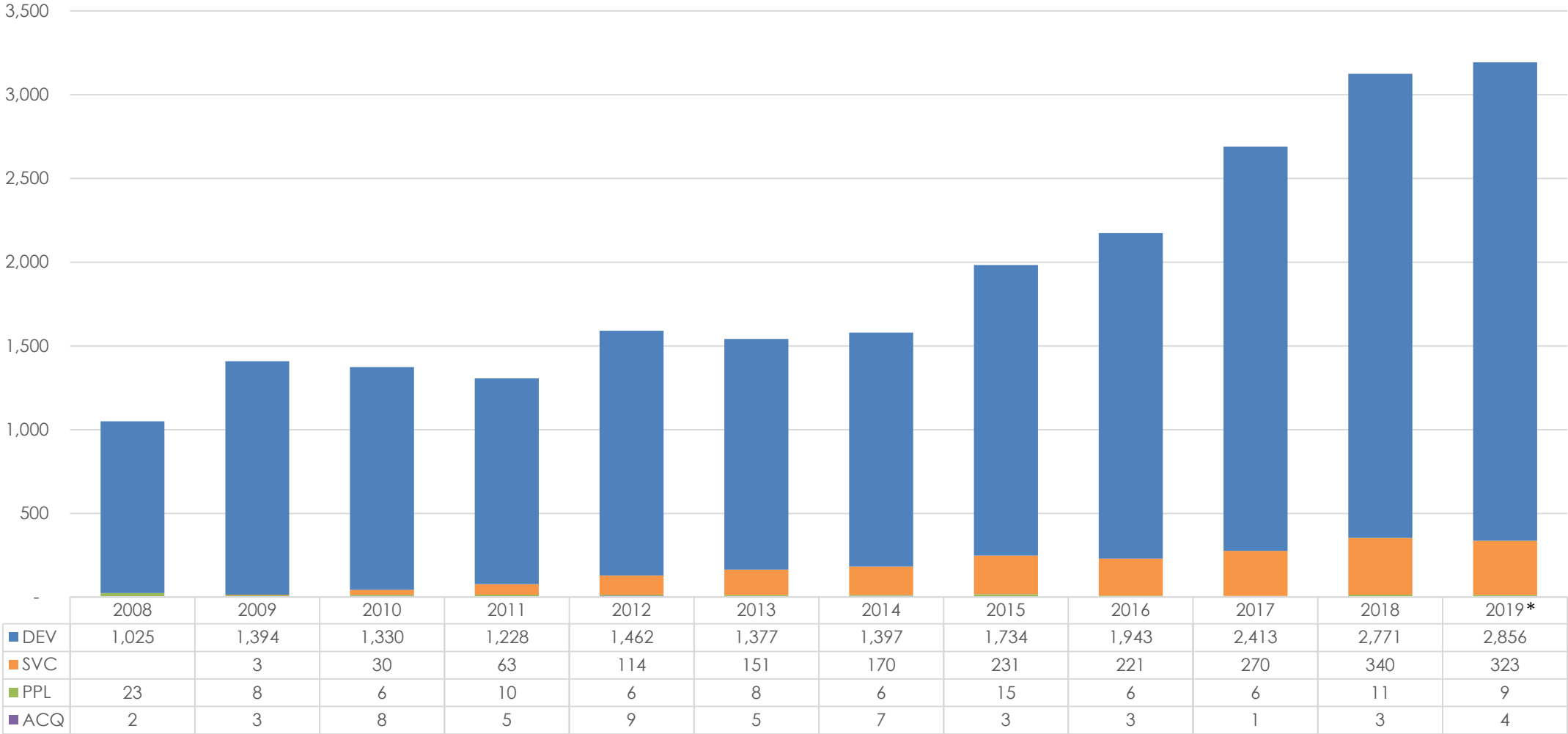
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019 1H
ML5 - Optimizing	61	61	85	91	111	115	141	179	206	279	390	450
ML4 - Quantitatively Managed	14	21	43	23	27	40	59	46	73	54	54	28
ML3 - Managed	599	926	869	889	1,096	1,100	1,158	1,505	1,687	2,122	2,512	2,599
ML2 - Defined	290	322	312	267	307	248	194	225	187	211	148	107
ML1 - Initial	9	5	3	15	23	18	10	10	4	9	11	2
Not Given	77	73	62	21	27	20	18	18	16	15	10	7

APPRAISALS BY CONSTELLATION: TOTALS SINCE 2008



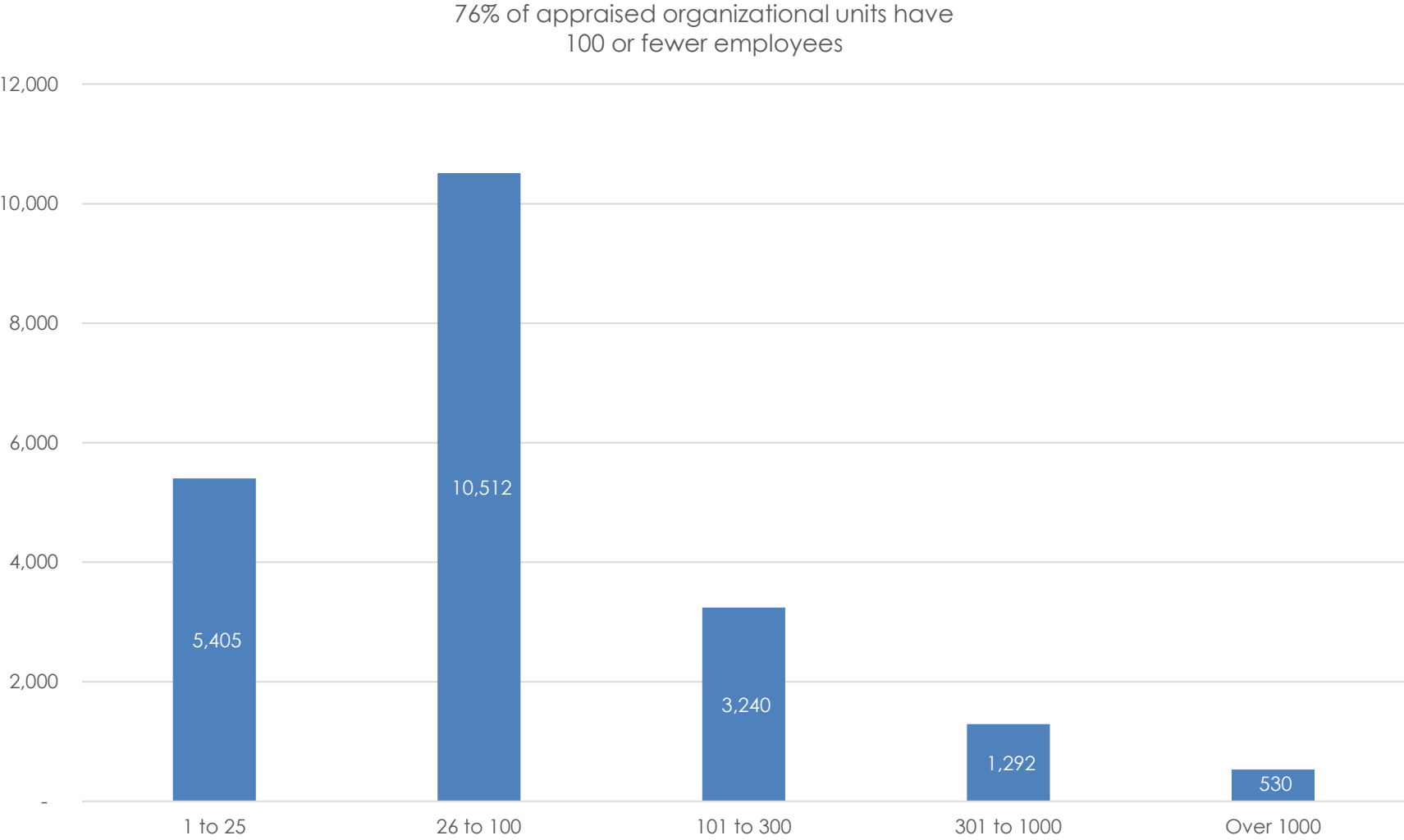
Based on 21,282 accepted CMMI-SCAMPI A Deliveries
1 January 2008 – 30 June 2019

APPRAISALS BY CONSTELLATION



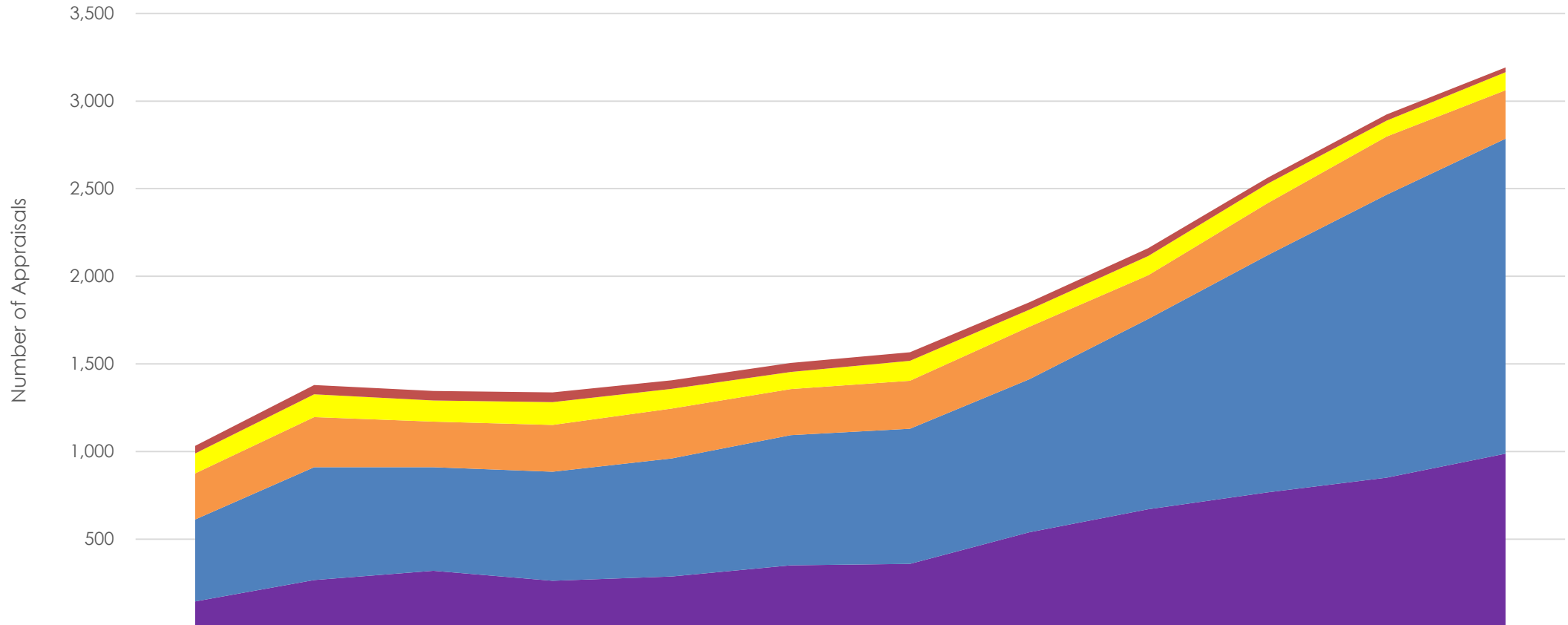
Based on 21,282 accepted CMMI-SCAMPI A Deliveries
 1 January 2008 – 30 June 2019
 *Estimate based on 2018-2019 data

APPRAISALS BY ORGANIZATION UNIT SIZE*: TOTALS SINCE 2008



Based on 21,282 accepted CMMI-SCAMPI A Deliveries
1 January 2008 – 30 June 2019
*For appraisals where organization size has been reported

APPRAISALS BY ORGANIZATION UNIT SIZE*



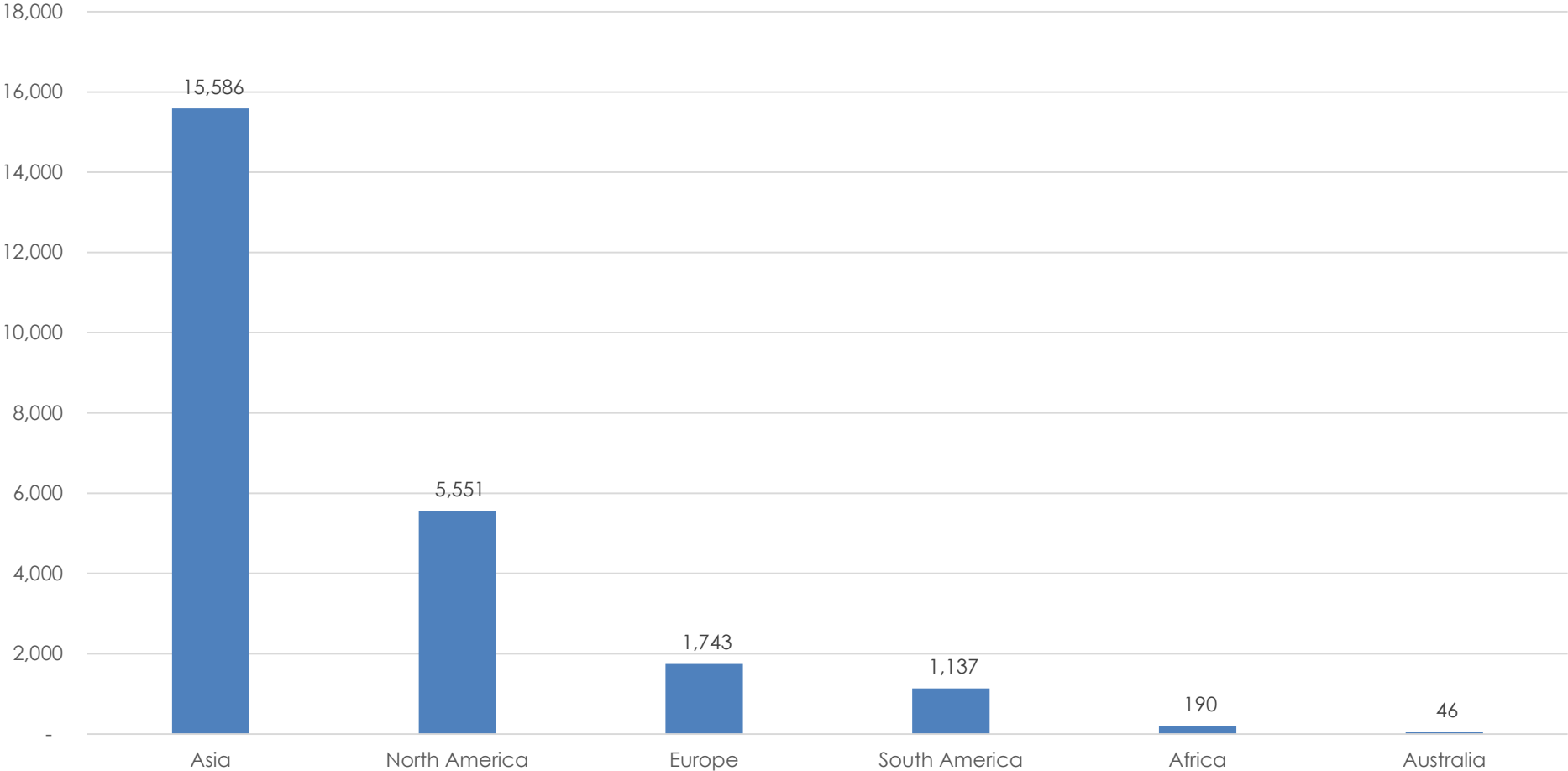
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019**
Over 1000 employees	44	54	55	56	49	51	48	42	45	34	36	27
301 to 1000 employees	114	129	121	130	113	97	114	98	110	112	91	104
101 to 300 employees	263	286	260	268	284	263	274	299	250	296	331	276
26 to 100 employees	467	644	591	622	674	743	771	873	1,086	1,354	1,615	1,798
Under 26 Employees	145	267	319	262	287	351	359	539	670	766	851	988

Based on 21,282 accepted CMMI-SCAMPI A Deliveries
1 January 2008 – 30 June 2019

*For appraisals where organization size has been reported

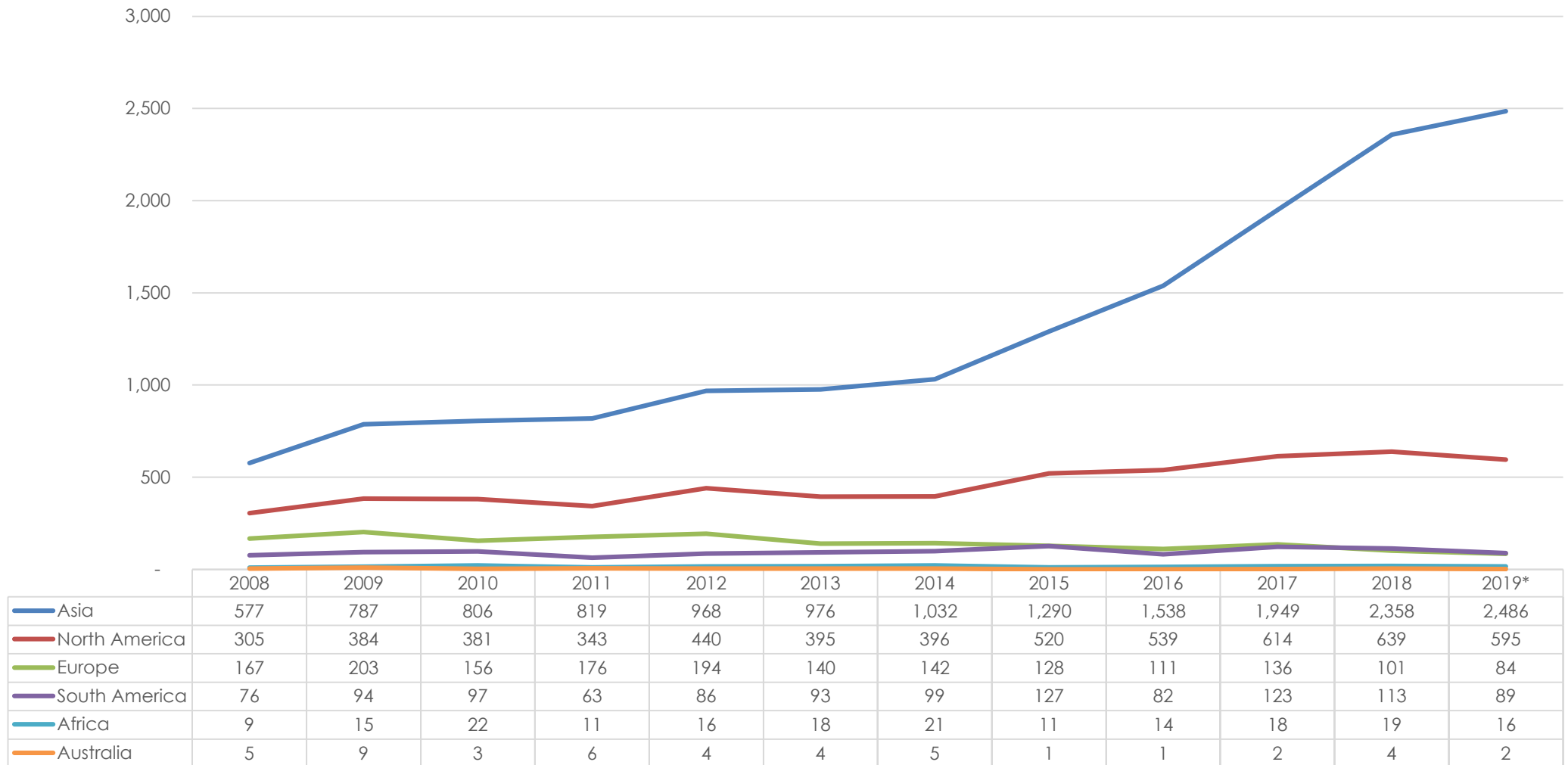
**Estimate based on 2018-2019 data

APPRAISALS BY CONTINENT: TOTALS SINCE 2008



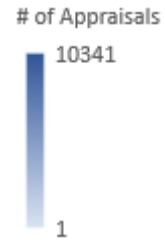
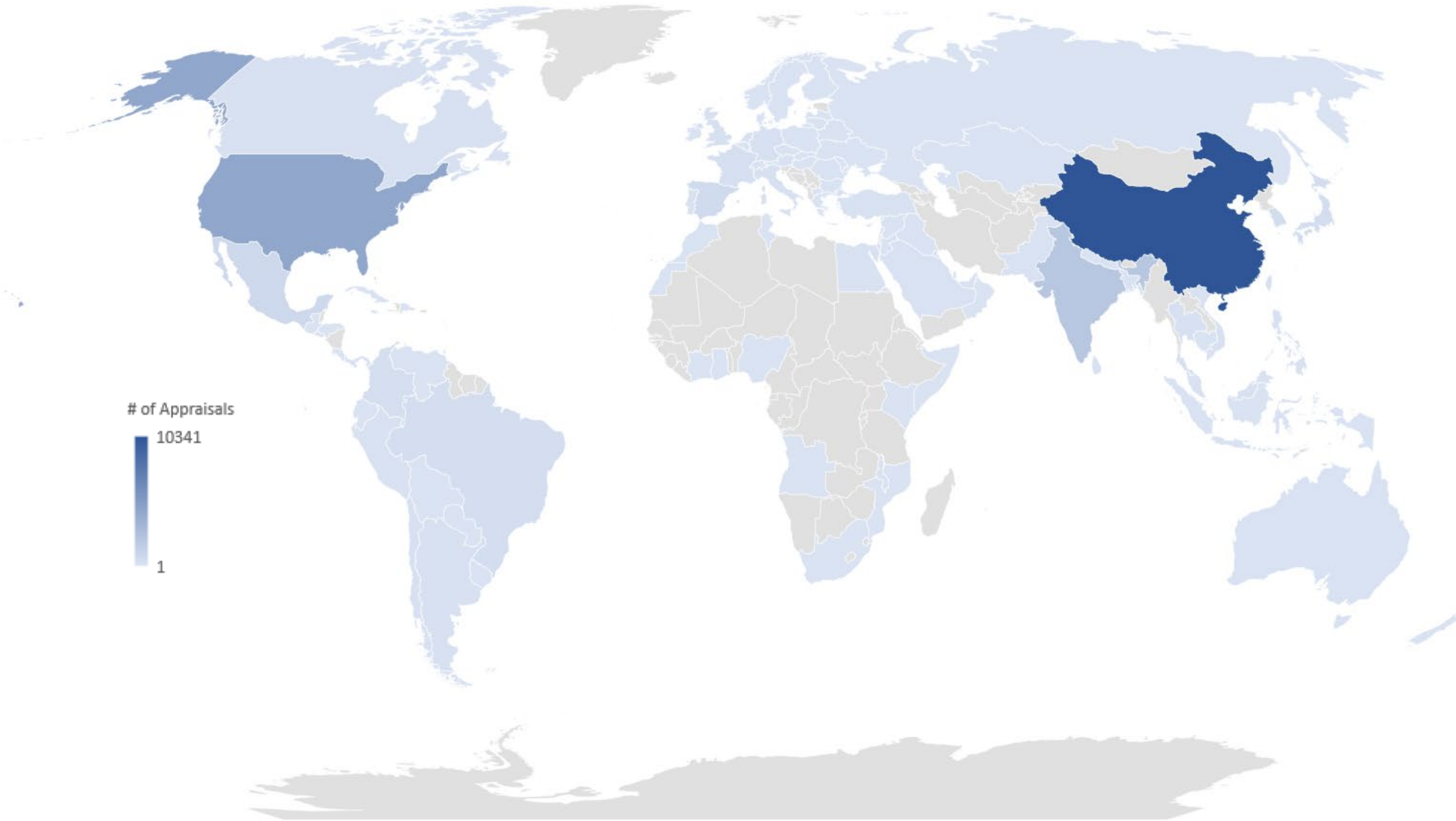
Based on 21,282 accepted CMMI-SCAMPI A Deliveries
1 January 2008 – 30 June 2019
Reflects multi-model and multi-continent appraisals

APPRAISALS BY CONTINENT



Based on 21,282 accepted CMMI-SCAMPI A Deliveries
 1 January 2008 – 30 June 2019
 Reflects multi-model and multi-continent appraisals
 *Estimate based on 2018-2019 data

APPRAISALS BY COUNTRY: TOTALS SINCE 2008

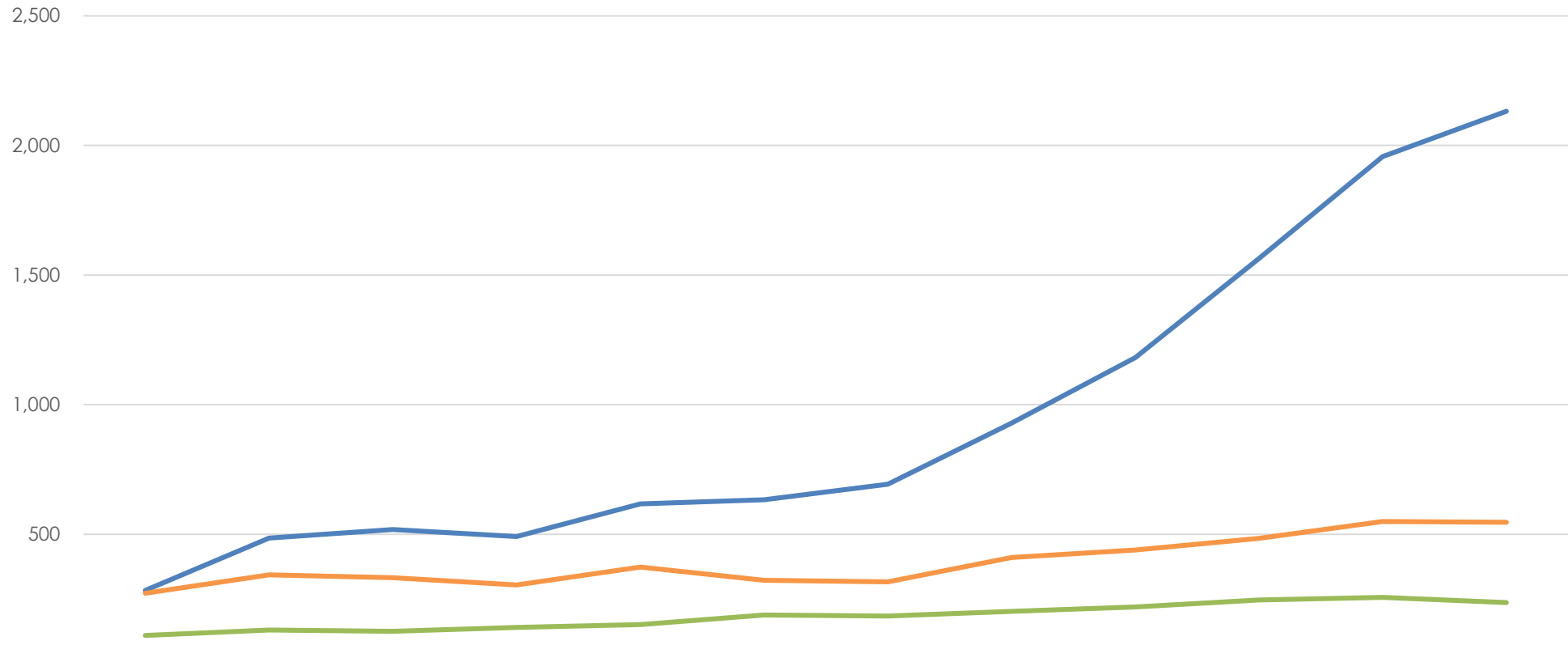


Country	# of Appraisals	Country	# of Appraisals
China	10341	Slovakia	11
United States	4392	Ecuador	10
India	2066	Finland	10
Mexico	697	Latvia	10
Spain	579	Luxembourg	10
Korea, Republic Of	425	Austria	8
Japan	359	Denmark	8
Brazil	356	Lebanon	8
Colombia	297	Norway	8
France	223	Mauritius	6
Taiwan	182	New Zealand	6
United Kingdom	175	Sweden	6
Germany	160	Belarus	5
Thailand	159	Greece	5
Argentina	138	Guatemala	5
Italy	125	Qatar	5
Canada	123	Brunei Darussalam	4
Chile	118	Bulgaria	4
Turkey	109	El Salvador	4
Portugal	90	Kenya	4
Viet Nam	90	Nigeria	4
Egypt	87	Oman	4
Malaysia	84	Syrian Arab Republic	4
Peru	83	Tunisia	4
Philippines	66	Venezuela	4
Singapore	45	Angola	3
Bangladesh	42	Cyprus	3
Saudi Arabia	42	Bahrain	2
Pakistan	40	Cuba	2
Australia	38	Dominican Republic	2
Morocco	36	Iraq	2
Netherlands	36	Jamaica	2
Sri Lanka	33	Macedonia	2
Belgium	32	Nepal	2
Hong Kong	32	Somalia	2
Israel	30	Andorra	1
Switzerland	29	Bolivia	1
South Africa	27	Cambodia	1
Russia	26	Comoros	1
Poland	25	Cote D'Ivoire	1
Romania	24	Croatia (Local Name:)	1
United Arab Emirates	23	Ghana	1
Uruguay	21	Honduras	1
Czech Republic	18	Kazakhstan	1
Hungary	16	Lithuania	1
Indonesia	15	Malawi	1
Paraguay	15	Malta	1
Ukraine	14	Moldova, Republic Of	1
Ireland	13	Montserrat	1
Kuwait	13	Mozambique	1
Costa Rica	11	Trinidad And Tobago	1
Jordan	11	Virgin Islands (U.S.)	1
Panama	11		

Based on 21,282 accepted CMMI-SCAMPI A Deliveries
1 January 2008 – 30 June 2019
Reflects multi-model and multi-continent appraisals

HIGHEST NUMBER OF APPRAISALS BY COUNTRY

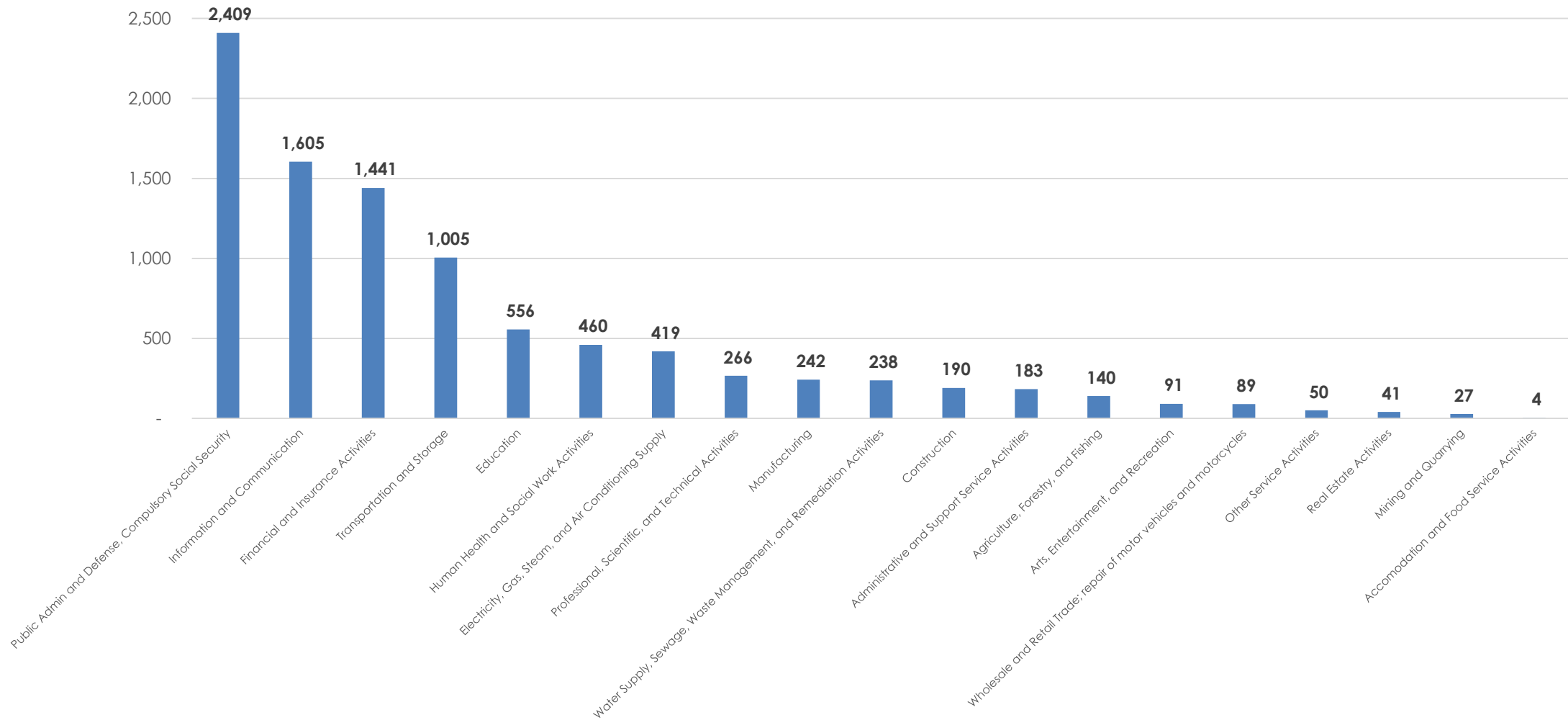
Appraisals reported from China, United States, and India have been increasing.



	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019*
China	284	485	518	491	617	633	693	929	1,182	1,564	1,957	2,131
United States	273	344	333	305	374	323	317	411	440	484	549	546
India	110	131	126	141	152	189	185	203	220	247	257	237

Based on 21,282 accepted CMMI-SCAMPI A Deliveries
 1 January 2008 – 30 June 2019
 Reflects multi-model and multi-continent appraisals
 *Estimate based on 2018-2019 data

APPRAISALS BY INDUSTRY: TOTALS SINCE 2016



Based on 9,449 CMMI-SCAMPI A Deliveries

1 January 2016 – 30 June 2019

Industry classification list: https://www.investmentmap.org/industry_classification.aspx

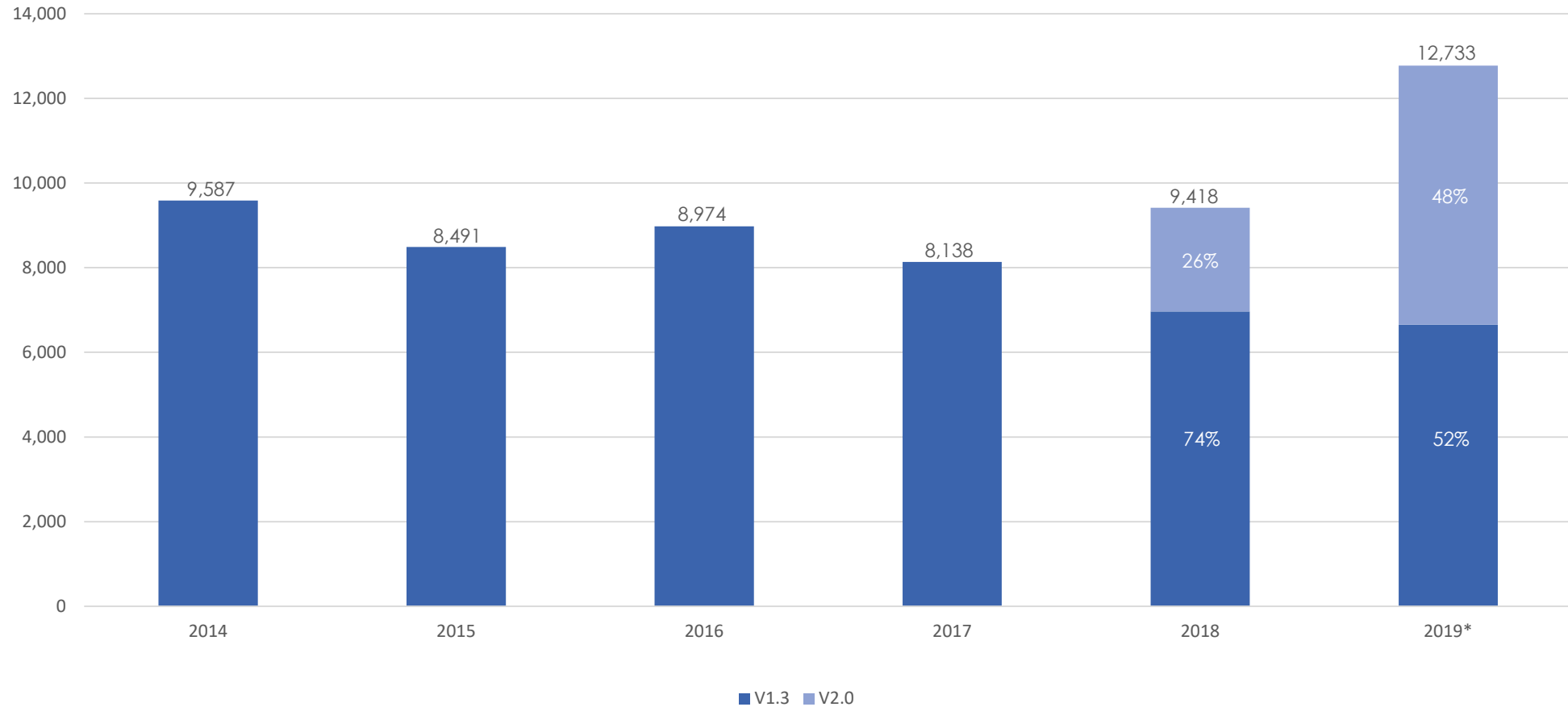
TRAINING DATA

Training data is from CMMI courses delivered from 2014 – June 2019.

Courses include: Foundations of Capability, Building Excellence courses, and Upgrade Training for CMMI V2.0 and Intro to CMMI-DEV/SVC, and Supplements for V1.3

STUDENTS BY YEAR

Students Taught Projected to Increase 36% over 2018



Courses include: Foundations of Capability, Building Excellence courses, and Upgrade Training for CMMI V2.0 and Intro to CMMI-DEV/SVC, and Supplements for V1.3

1 January 2014 – 30 June 2019

*Estimate based on 2018-2019 data

CONTACT INFORMATION

Have questions?

[Contact Us](#)

Email

info@cmmiinstitute.com

Phone

(412) 282-4020

Website

cmmiinstitute.com

Mailing Address

CMMI Institute
11 Stanwix Street
Pittsburgh, PA 15222

NO WARRANTY

THIS MATERIAL IS FURNISHED ON AN “AS-IS” BASIS. CMMI INSTITUTE MAKES NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, AS TO ANY MATTER INCLUDING, BUT NOT LIMITED TO, WARRANTY OF FITNESS FOR PURPOSE OR MERCHANTABILITY, EXCLUSIVITY, OR RESULTS OBTAINED FROM USE OF THE MATERIAL. CMMI INSTITUTE DOES NOT MAKE ANY WARRANTY OF ANY KIND WITH RESPECT TO FREEDOM FROM PATENT, TRADEMARK, OR COPYRIGHT INFRINGEMENT.