ABET AT A GLANCE

AS OF OCTOBER 1, 2019

WORLDWIDE

4144
PROGRAMS

812
INSTITUTIONS

UNITED STATES

3271
PROGRAMS

639
INSTITUTIONS

OUTSIDE THE US

873
PROGRAMS

173
INSTITUTIONS

INCREASES SINCE 2018

130
PROGRAMS

19
INSTITUTIONS

GLOBAL IMPACT

ABET HAS ACCREDITED PROGRAMS IN 32 COUNTRIES

Austria
Bahrain
Chile
China
Colombia
Ecuador
Egypt
India
Indonesia
Jamaica
Jordan

Kazakhstan
Kuwait
Lebanon
Mexico
Mongolia
Morocco
Oman
Palestine
Peru
Philippines
Poland

Portugal
Qatar
Russian Federation
Saudi Arabia
South Africa
Spain
Turkey
United Arab Emirates
United States of America
Vietnam

ACCREDITATION STATISTICS

As of October 1, 2019

**PROGRAMS REVIEWED
BY CURRICULAR AREA**
2018—19

	ANSAC (AS)	ANSAC (BS)	ANSAC (MS)	CAC (BS)	EAC (BS)	EAC (MS)	ETAC (AS)	ETAC (BS)	TOTAL
Aeronautical	—	—	—	—	—	—	—	1	1
Aerospace	—	—	—	—	14	—	—	—	14
Agricultural	—	—	—	—	4	—	—	—	4
Architectural	—	—	—	—	2	—	1	—	3
Bioengineering and Biomedical	—	—	—	—	34	1	2	—	37
Biological	—	—	—	—	5	—	—	—	5
Chemical	—	—	—	—	40	1	—	—	41
Civil	—	—	—	—	65	1	3	2	71
Communications	—	—	—	—	3	—	—	—	3
Computer Engineering	—	—	—	—	63	1	5	4	73
Computer Science	—	—	—	61	—	—	—	—	61
Construction	—	—	—	—	4	—	1	3	8
Construction Management	—	6	—	—	—	—	—	—	6
Cybersecurity	—	—	—	3	—	—	—	—	3
Electrical	—	—	—	—	96	1	12	11	120
Electromechanical	—	—	—	—	—	—	2	5	7
Engineering Management	—	—	—	—	3	—	—	—	3
Engineering Mechanics	—	—	—	—	1	—	—	—	1
Environmental	—	—	—	—	11	—	—	1	12
Environmental, Health and Safety	—	1	—	—	—	—	—	—	1
Fire Protection	—	—	—	—	—	—	—	1	1

Individual programs may embrace more than one curricular area, and thus may be counted more than once in this table.

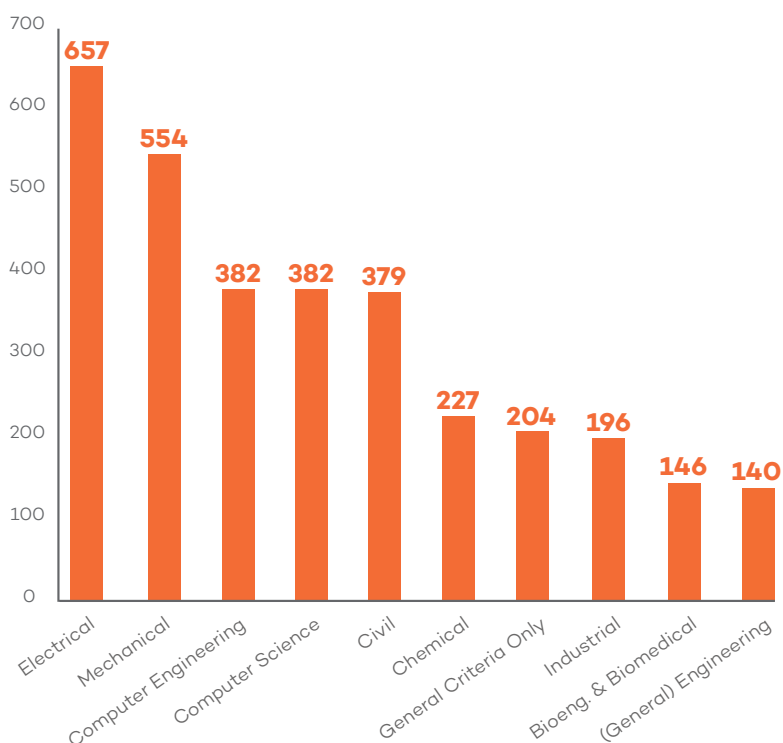**PROGRAMS REVIEWED
BY CURRICULAR AREA**
2018—19

	ANSAC (AS)	ANSAC (BS)	ANSAC (MS)	CAC (BS)	EAC (BS)	EAC (MS)	ETAC (AS)	ETAC (BS)	TOTAL
General Criteria Only	1	9	—	4	18	—	2	8	42
General Engineering	—	—	—	—	23	—	—	4	27
Geological	—	—	—	—	2	—	—	—	2
Industrial	—	—	—	—	32	1	2	1	36
Industrial Hygiene	—	—	2	—	—	—	—	—	2
Information Systems	—	—	—	15	—	—	—	—	15
Information Technology	—	—	—	16	—	—	—	—	16
Manufacturing	—	—	—	—	2	—	2	1	5
Materials	—	—	—	—	14	—	—	—	14
Mechanical	—	—	—	—	84	1	8	10	103
Metallurgical	—	—	—	—	1	—	—	—	1
Mining	—	—	—	—	1	—	—	—	1
Naval Architecture and Marine	—	—	—	—	2	—	—	—	2
Nuclear and Radiological	—	—	—	—	6	—	—	—	6
Ocean	—	—	—	—	2	—	—	—	2
Optics	—	—	—	—	1	—	—	—	1
Petroleum	—	—	—	—	8	—	—	—	8
Safety	—	1	—	—	—	—	—	—	1
Software	—	—	—	—	9	—	—	—	9
Surveying and Geomatics	—	3	—	—	2	—	4	1	10
Systems	—	—	—	—	4	—	—	—	4
TOTAL	**1**	**20**	**2**	**99**	**556**	**7**	**44**	**53**	**782**

Individual programs may embrace more than one curricular area, and thus may be counted more than once in this table.

ALL ACCREDITED PROGRAMS
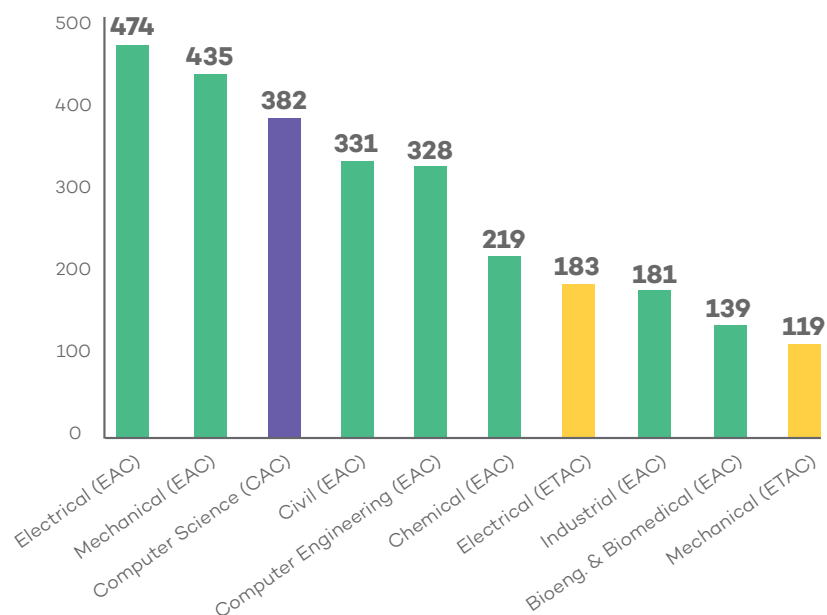
10 LARGEST CURRICULAR AREAS BY NUMBER OF ACCREDITED PROGRAMS ACROSS ALL COMMISSIONS
As of October 1, 2019

Electrical — 657
Mechanical — 554
Computer Engineering — 382
Computer Science — 382
Civil — 379
Chemical — 227
General Criteria Only — 204
Industrial — 196
Bioeng. & Biomedical — 146
(General) Engineering — 140

10 LARGEST CURRICULAR AREAS ACCREDITED
BY COMMISSION

CAC   EAC   ETAC

Electrical (EAC) — 474
Mechanical (EAC) — 435
Computer Science (CAC) — 382
Civil (EAC) — 331
Computer Engineering (EAC) — 328
Chemical (EAC) — 219
Electrical (ETAC) — 183
Industrial (EAC) — 181
Bioeng. & Biomedical (EAC) — 139
Mechanical (ETAC) — 119

ACTIONS FOR
GENERAL REVIEWS
2018-19

	ANSAC	CAC	EAC	ETAC	TOTAL
Next General Review (NGR)	17	79	489	74	**659**
	74%	80%	89%	81%	**87%**
Interim Report (IR)	6	17	54	14	**91**
	26%	17%	10%	15%	**12%**
Interim Visit (IV)	–	3	–	2	**5**
		3%		2%	**<1%**
Show Cause Report (SCR)	–	–	2	–	**2**
			<1%		**<1%**
Show Cause Visit (SCV)	–	–	–	1	**1**
				1%	**<1%**
Not to Accredit (NA)	–	–	3	–	**3**
			<1%		**1%**

3%

15%

13%

69%

**ACCREDITED PROGRAMS
BY COMMISSION**
As of October 1, 2019

■ ANSAC (3% – 117) ■ EAC (69% – 2886)
■ CAC (13% – 547) ■ ETAC (15% – 604)
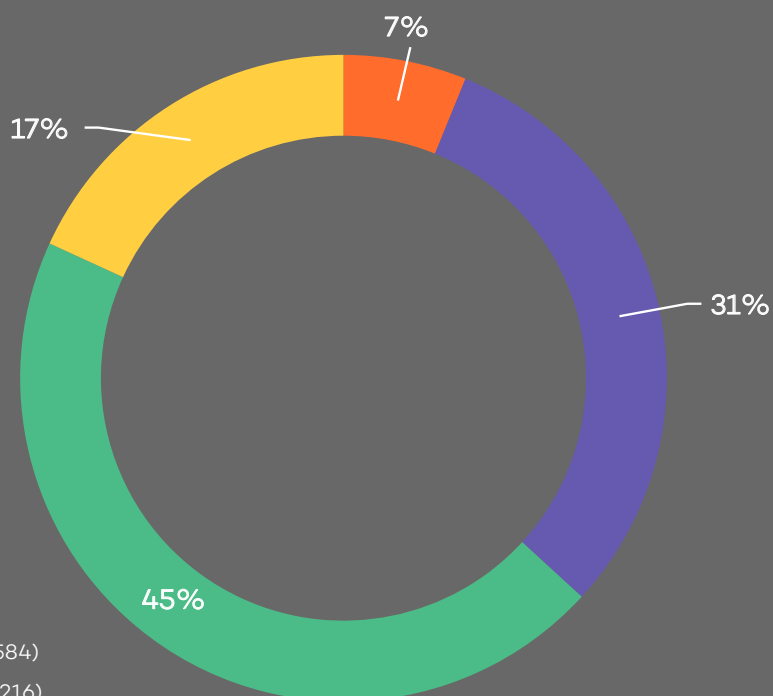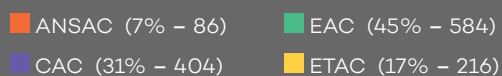
Individual programs may embrace more than one curricular area, and thus may be counted more than once in this chart.

7%

17%

31%

45%

**INSTITUTIONS WITH
ACCREDITED PROGRAMS
BY COMMISSION**
As of October 1, 2019

■ ANSAC (7% – 86) ■ EAC (45% – 584)
■ CAC (31% – 404) ■ ETAC (17% – 216)

Individual programs may embrace more than one curricular area, and thus may be counted more than once in this chart.

ACCREDITED PROGRAMS BY COMMISSION
2014-19

- ANSAC
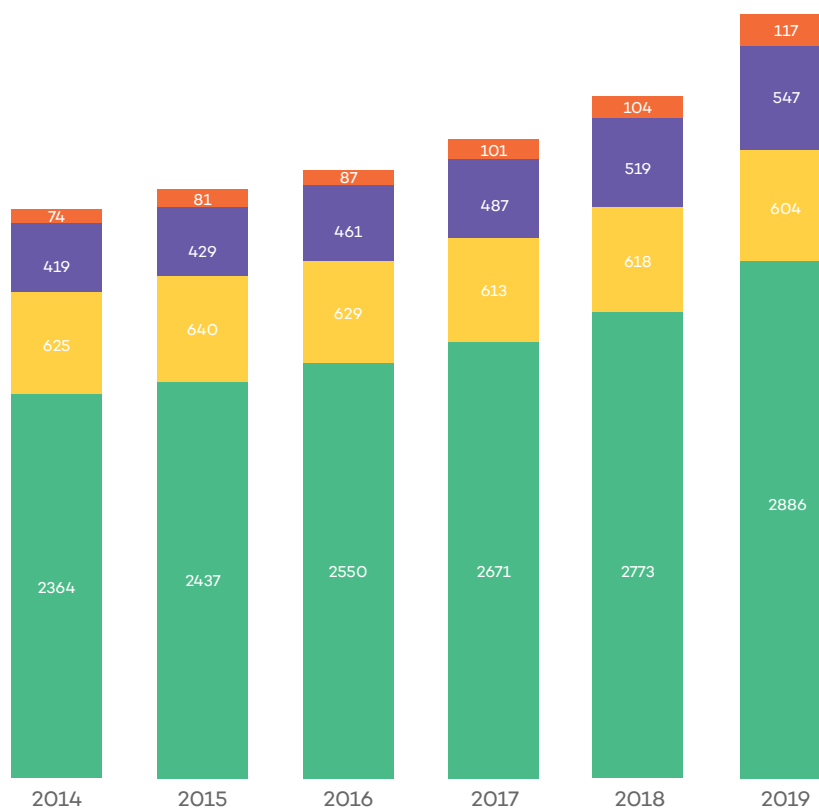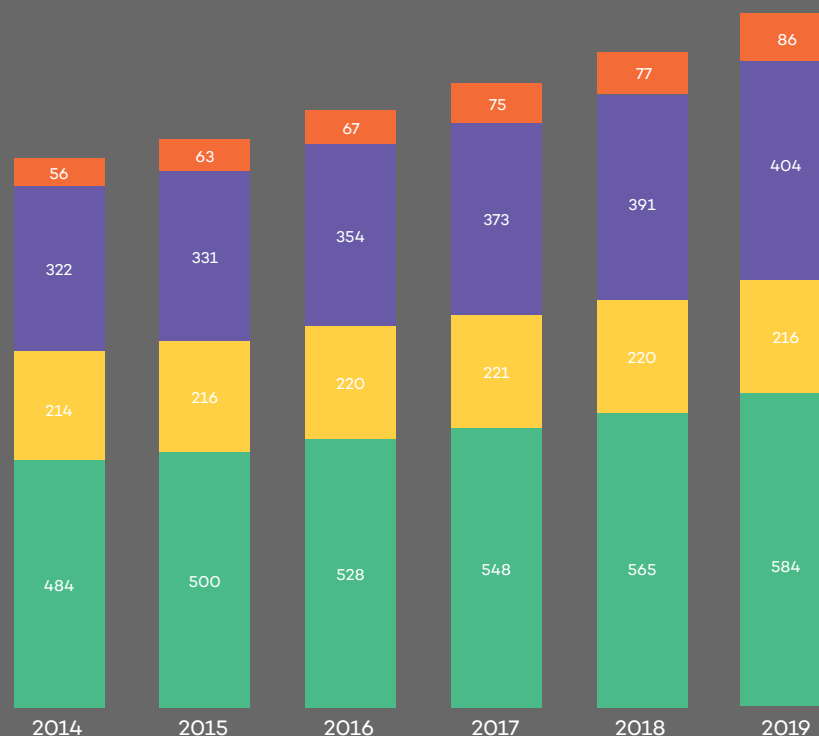- EAC
- CAC
- ETAC

	2014	2015	2016	2017	2018	2019
ANSAC	74	81	87	101	104	117
CAC	419	429	461	487	519	547
ETAC	625	640	629	613	618	604
EAC	2364	2437	2550	2671	2773	2886

Individual programs may embrace more than one curricular area, and thus may be counted more than once in this chart.

INSTITUTIONS WITH ACCREDITED PROGRAMS BY COMMISSION
2014-19

- ANSAC
- EAC
- CAC
- ETAC

	2014	2015	2016	2017	2018	2019
ANSAC	56	63	67	75	77	86
CAC	322	331	354	373	391	404
ETAC	214	216	220	221	220	216
EAC	484	500	528	548	565	584

Individual programs may embrace more than one curricular area, and thus may be counted more than once in this chart.

2019 ABET Impact Report

STATISTICS: ACCREDITATION TRENDS

ACTIONS FOR GENERAL REVIEWS, 2014-2019
Applied and Natural Science Accreditation Commission (ANSAC)

	NEXT GENERAL REVIEW	INTERIM REPORT	INTERIM VISIT	SHOW CAUSE	NOT TO ACCREDIT
2014	67%	33%	0%	0%	0%
2015	61%	28%	0%	11%	0%
2016	80%	13%	7%	0%	0%
2017	68%	32%	0%	0%	0%
2018	58%	42%	0%	0%	0%
2019	74%	26%	0%	0%	0%

ACTIONS FOR GENERAL REVIEWS, 2014-2019
Computing Accreditation Commission (CAC)

	NEXT GENERAL REVIEW	INTERIM REPORT	INTERIM VISIT	SHOW CAUSE	NOT TO ACCREDIT
2014	69%	25%	1%	1%	2%
2015	79%	20%	1%	0%	0%
2016	69%	26%	4%	1%	0%
2017	70%	24%	5%	1%	0%
2018	67%	29%	2%	2%	0%
2019	80%	17%	3%	0%	0%

Due to rounding, all numbers presented might not total 100%.

ACTIONS FOR GENERAL REVIEWS, 2014-2019
Engineering Accreditation Commission (EAC)

	NEXT GENERAL REVIEW	INTERIM REPORT	INTERIM VISIT	SHOW CAUSE	NOT TO ACCREDIT
2014	89%	10%	<1%	<1%	0%
2015	90%	9%	<1%	0%	<1%
2016	85%	13%	<1%	1%	<1%
2017	90%	9%	<1%	0%	<1%
2018	84%	13%	<1%	<1%	2%
2019	89%	10%	0%	<1%	<1%

ACTIONS FOR GENERAL REVIEWS, 2014-2019
Engineering Technology Accreditation Commission (ETAC)

	NEXT GENERAL REVIEW	INTERIM REPORT	INTERIM VISIT	SHOW CAUSE	NOT TO ACCREDIT
2014	80%	17%	1%	2%	0%
2015	67%	33%	0%	0%	0%
2016	65%	27%	8%	0%	0%
2017	85%	15%	0%	0%	0%
2018	75%	25%	0%	0%	0%
2019	81%	15%	2%	1%	0%

Due to rounding, all numbers presented might not total 100%.

PROGRAMS ACCREDITED BY CURRICULAR AREA
As of October 1, 2019

	ANSAC (AS)	ANSAC (BS)	ANSAC (MS)	CAC (BS)	EAC (BS)	EAC (MS)	ETAC (AS)	ETAC (BS)	TOTAL
Aeronautical	—	—	—	—	—	—	1	3	**4**
Aerospace	—	—	—	—	78	4	—	—	**82**
Agricultural	—	—	—	—	15	1	—	—	**16**
Air Conditioning	—	—	—	—	—	—	3	—	**3**
Architectural	—	—	—	—	27	2	7	4	**40**
Automotive	—	—	—	—	—	—	1	4	**5**
Bioengineering and Biomedical	—	—	—	—	138	1	2	5	**146**
Biological	—	—	—	—	45	—	—	—	**45**
Ceramic	—	—	—	—	3	—	—	—	**3**
Chemical	—	—	—	—	218	1	4	4	**227**
Civil	—	—	—	—	327	3	26	22	**378**
Communications	—	—	—	—	20	—	—	—	**20**
Computer Engineering	—	—	—	—	326	2	21	33	**382**
Computer Science	—	—	—	383	—	—	—	—	**383**
Construction	—	—	—	—	23	2	9	27	**61**
Construction Management	—	13	—	—	—	—	—	—	**13**
Cybersecurity	—	—	—	7	—	—	—	—	**7**
Drafting and Design (Mechanical)	—	—	—	—	—	—	3	4	**7**
Electrical	—	—	—	—	471	3	81	103	**658**
Electromechanical	—	—	—	—	—	—	3	8	**11**
Engineering	—	—	—	—	112	—	4	24	**140**
Engineering Management	—	—	—	—	26	3	—	—	**29**
Engineering Mechanics	—	—	—	—	4	—	—	—	**4**
Environmental	—	—	—	—	85	3	2	2	**92**
Environmental, Health and Safety	—	6	—	—	—	—	—	—	**6**

*Individual programs may embrace more than one curricular area, and thus may be counted more than once in this table.*

PROGRAMS ACCREDITED BY CURRICULAR AREA
As of October 1, 2019

	ANSAC (AS)	ANSAC (BS)	ANSAC (MS)	CAC (BS)	EAC (BS)	EAC (MS)	ETAC (AS)	ETAC (BS)	TOTAL
Fire Protection	—	—	—	—	1	—	—	1	2
General Criteria Only	2	26	2	24	103	3	19	25	204
Geological	—	—	—	—	18	—	—	—	18
Health Physics	—	3	5	—	—	—	—	—	8
Industrial	—	—	—	—	176	5	5	10	196
Industrial Hygiene	—	5	24	—	—	—	—	—	29
Information Systems	—	—	—	71	—	—	—	—	71
Information Technology	—	—	—	66	—	—	—	2	68
Instrumentation and Control Systems	—	—	—	—	—	—	4	5	9
Manufacturing	—	—	—	—	26	—	5	21	52
Materials	—	—	—	—	67	—	—	—	67
Mechanical	—	—	—	—	433	2	48	71	554
Metallurgical	—	—	—	—	10	—	—	—	10
Mining	—	—	—	—	20	1	—	—	21
Naval Architecture and Marine	—	—	—	—	15	—	3	—	18
Nuclear and Radiological	—	—	—	—	28	1	2	2	33
Ocean	—	—	—	—	10	1	—	—	11
Optics	—	—	—	—	6	—	—	—	6
Petroleum	—	—	—	—	36	—	—	—	36
Safety	1	12	5	—	—	—	—	—	18
Software	—	—	—	—	39	—	—	—	39
Surveying and Geomatics	2	11	—	—	8	—	6	4	31
Systems	—	—	—	—	24	4	—	—	28
Telecommunications	—	—	—	—	10	2	3	2	17
TOTAL	5	76	36	551	2948	44	262	386	4308

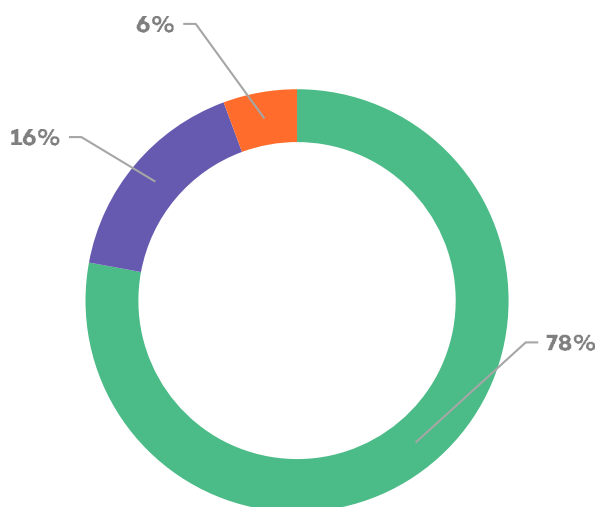*Individual programs may embrace more than one curricular area, and thus may be counted more than once in this table.

STATISTICS: 2018-19 VOLUNTEER CHARACTERISTICS

AGE

3%
15%
4%
15%
30%
33%
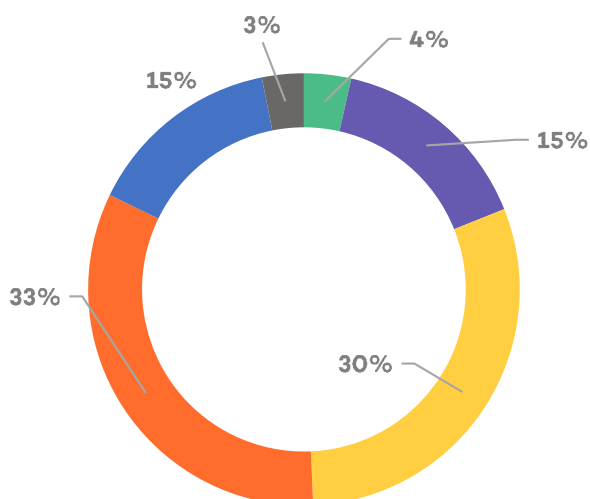
- 30 - 39 (4% – 62)
- 40 - 49 (15% – 271)
- 50 - 59 (30% – 534)
- 60 - 69 (33% – 578)
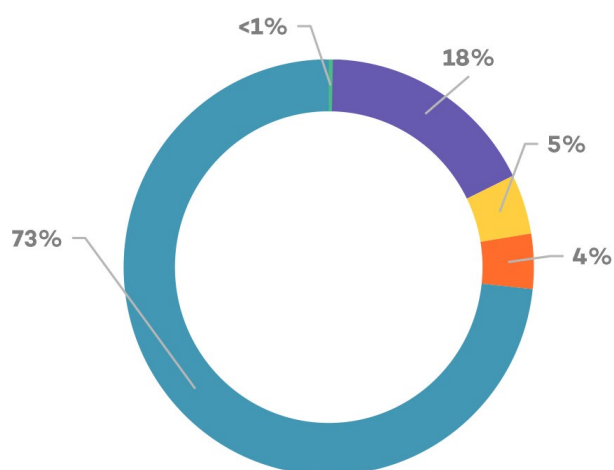- 70 - 79 (15% – 258)
- 80 - 89 (3% – 55)

GENDER

6%
16%
78%

- Female (16% – 336)
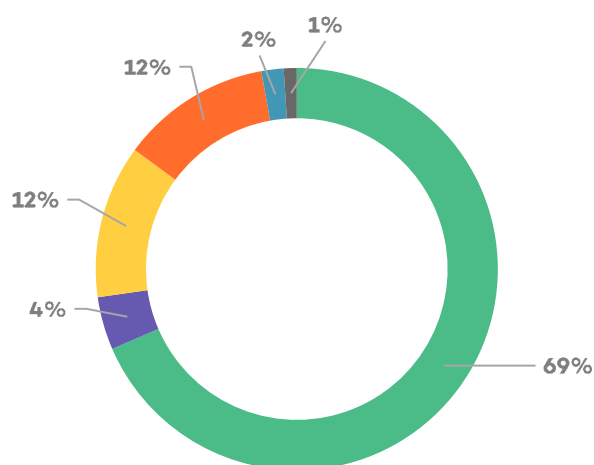- Male (78% – 1588)
- Unspecified (6% – 116)

Data are self-reported and current as of October 1, 2019.

RACE AND ETHNICITY

- American Indian or Alaskan Native (<1% – 6)
- Asian or Pacific Islander (18% – 322)
- Black or African American, not of Hispanic Origin (5% – 86)
- Hispanic (4% – 79)
- White, not of Hispanic Origin (73% – 1354)

JOB SECTOR

- Academic (69% – 1383)
- Government (4% – 86)
- Industry (12% – 249)
- Practitioner (12% – 244)
- Private (2% – 36)
- Other (1% – 21)

Data are self-reported and current as of October 1, 2019.