



NPS GRADUATE EDUCATION PROGRAMS

2018-19 ACADEMIC PROGRAMS ANNUAL FACTBOOK

2018-19 NPS QUICK FACTS

LEADERSHIP

- President:** Vice Admiral Ronald A. Route, USN (Ret)
- Incoming President (2019):** Vice Admiral Ann E. Rondeau, USN (Ret)
- Provost:** Dr. Steven R. Lerman
- Chief of Staff:** CAPT Mike Ward, USN
- Dean of Students:** CAPT Markus J. Gudmundsson, USN
- Dean of GSBPP:** Dr. William Gates
- Dean of GSEAS:** Dr. Clyde Scandrett
- Dean of GSOIS:** Dr. Gordon McCormick
- Dean of SIGS:** Dr. James Wirtz
- Dean of Research:** Dr. Jeffrey Paduan
- Vice Provost:** Dr. Douglas Moses

2018 STUDENT ENROLLMENT

2,639 average on board

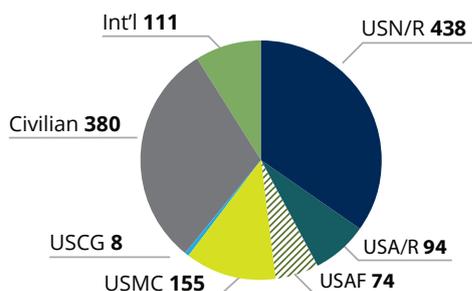
- 1,459** RESIDENTIAL
- 853** DISTANCE LEARNING
- 327** CERTIFICATE

2018 DEGREES AWARDED

1,260

- 1,247** MASTER DEGREES
- 11** DOCTORATE
- 2** POST MASTERS

NPS GRADUATE DEGREES CONFERRED BY SERVICE



FACULTY & STAFF

- 231** Tenure Track Faculty
- 379** Non-Tenure Track Faculty
- 34** Military Faculty
- 341** GS/Wage Grade staff members

RESEARCH

- Approx **\$100 million** in sponsored research funding
- Research programs are aligned to NPS curricula
- NPS research is valuable to improving the security of the U.S.

FINANCES

- **\$414** million Operating budget: including military salary
- **\$111** million Direct Authorization: without military salary
- **\$106** million Reimbursable Income

ACADEMIC FACILITIES

- 102** Classrooms that offer media technology
- 19** Classrooms with video-conferencing
- 19** Classified facilities
- 166** Labs

ACCREDITATION

- WASC Senior College and University Commission (WSCUC)
- Accreditation Board for Engineering and Technology (ABET)
- Association to Advance Collegiate Schools of Business (AACSB)
- Network of Schools of Public Policy, Affairs, and Administration (NASPAA)

Source: Office of Institutional Research, Reporting and Analysis

INSTITUTIONAL RESEARCH,
REPORTING, AND ANALYSIS

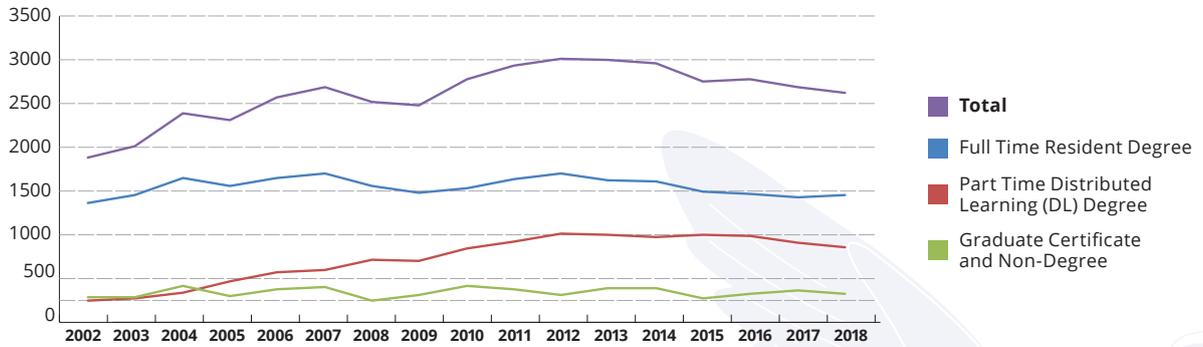
NAVAL POSTGRADUATE SCHOOL
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STUDENTS & PROGRAMS

2

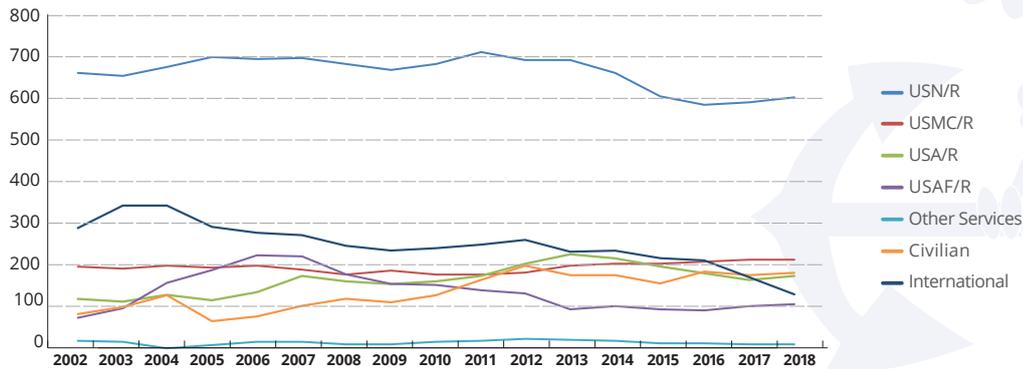
GRADUATE PROGRAM STUDENTS

By Type of Enrollment



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Full Time Resident Degree	1,366	1,464	1,660	1,563	1,649	1,707	1,565	1,487	1,536	1,647	1,712	1,633	1,616	1,494	1,479	1,432	1,459
Part Time Distributed Learning (DL) Degree	238	264	336	467	566	599	718	705	839	920	1,013	1,000	977	997	989	909	853
Graduate Certificate and Non-Degree	287	289	410	293	368	398	249	304	414	377	307	385	385	276	326	356	327
Total	1,891	2,017	2,405	2,324	2,584	2,704	2,531	2,496	2,789	2,944	3,031	3,018	2,979	2,767	2,794	2,697	2,639

Resident Students by Service

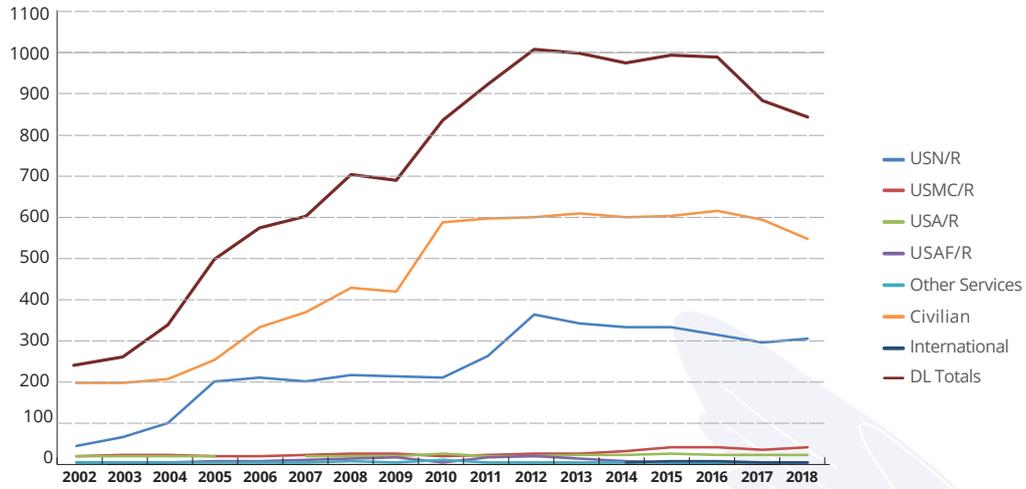


	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
USN/R	648	636	671	709	702	708	685	660	681	731	700	698	666	606	581	582	600
USMC/R	195	186	198	192	201	183	163	178	164	165	173	199	207	205	213	223	222
USA/R	115	106	126	110	134	179	163	157	165	182	216	242	231	207	187	169	179
USAF/R	43	80	172	217	274	269	201	167	166	145	133	74	86	74	73	88	105
Other Services	13	9	7	5	9	11	10	10	10	15	19	19	15	14	14	11	10
Civilian	63	86	126	41	56	92	114	103	127	174	223	192	191	166	204	192	199
Int'l	289	361	360	290	274	266	230	213	224	235	248	211	222	222	207	167	144
Total	1,366	1,464	1,660	1,563	1,649	1,707	1,565	1,487	1,536	1,647	1,712	1,633	1,616	1,494	1,479	1,432	1,459

Numbers may not sum to total due to rounding.

DISTANCE LEARNING DEGREE STUDENTS

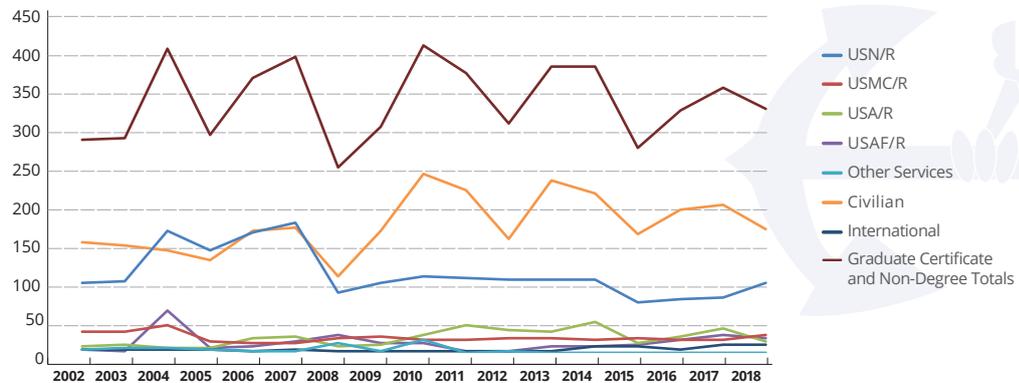
By Service



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
USN/R	44	68	124	199	226	220	234	232	226	291	366	343	335	335	306	277	291
USMC/R	3	7	7	6	7	11	12	13	4	9	16	17	26	39	39	31	37
USA/R	4	5	3	2	0	2	4	3	17	4	5	7	8	12	11	8	8
USAF/R	0	0	0	3	5	10	15	18	0	20	22	14	6	1	1	1	0
Other Services	0	1	0	0	1	1	2	1	11	0	0	0	0	0	0	0	0
Civilian	186	184	202	257	328	355	451	438	582	597	605	620	601	608	630	592	517
International	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	0	1
Total	238	264	336	467	566	599	718	705	839	920	1,013	1,000	977	997	989	909	853

AVERAGE ON BOARD STUDENT POPULATION

Graduate Certificate and Non-Degree Students by Service



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
USN/R	93	96	163	137	161	175	80	93	103	100	99	97	98	68	72	74	94
USMC/R	27	28	37	14	12	13	20	22	17	18	20	20	17	20	18	17	24
USA/R	9	11	7	6	20	22	8	11	24	36	31	27	40	12	22	32	15
USAF/R	3	1	58	6	9	16	24	13	13	2	1	8	9	10	17	24	19
Other Services	3	6	5	3	3	1	13	2	17	1	1	0	0	0	0	0	0
Civilian	148	144	137	124	164	167	103	163	241	219	153	231	214	158	192	199	166
International	4	4	5	4	1	5	1	1	1	2	2	2	7	8	5	10	11
Graduate Certificate and Non-Degree Totals	287	289	410	293	368	398	249	304	414	377	307	385	385	276	326	356	327

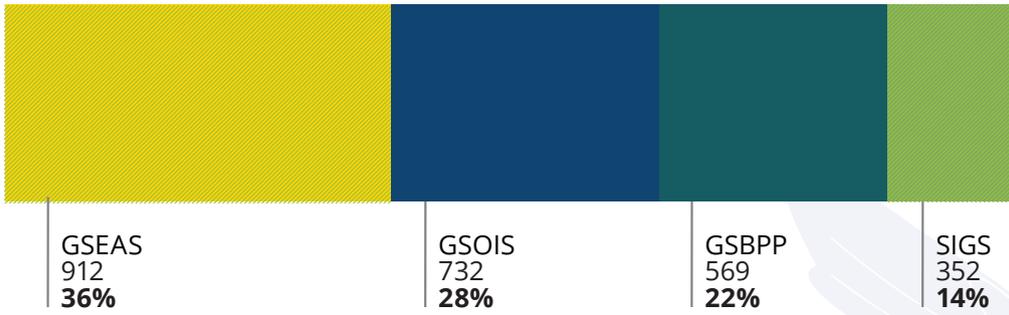
Numbers may not sum to total due to rounding.

GRADUATE PROGRAM STUDENTS

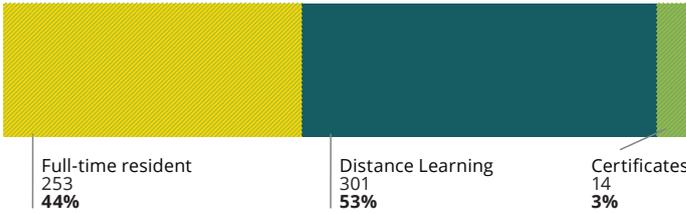
By School

4

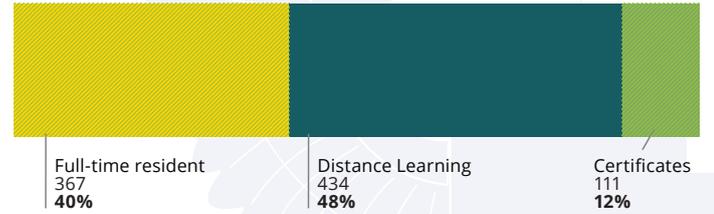
NPS (total 2566)



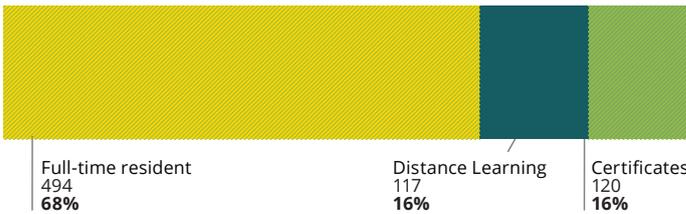
GSBPP (total 569)



GSEAS (total 912)



GSOIS (total 732)



SIGS (total 352)



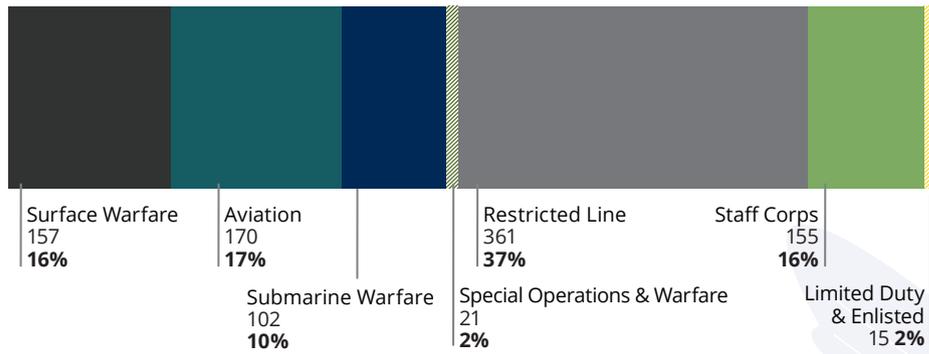
Average on board student population

GRADUATE PROGRAM STUDENTS

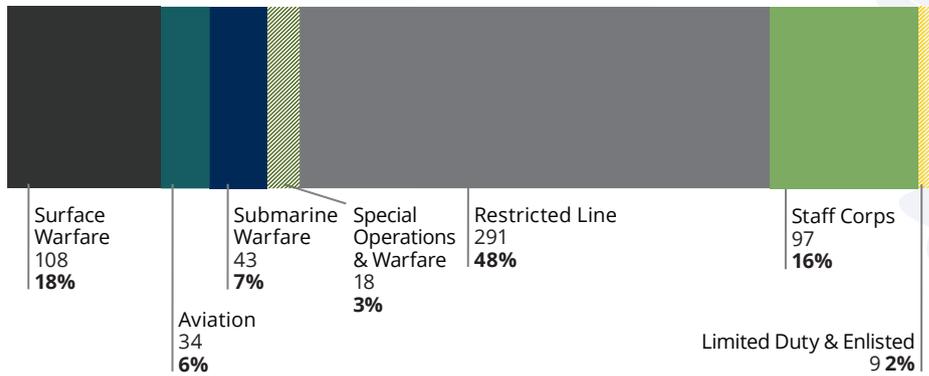
By USN/R Community Average On Board 2018

5

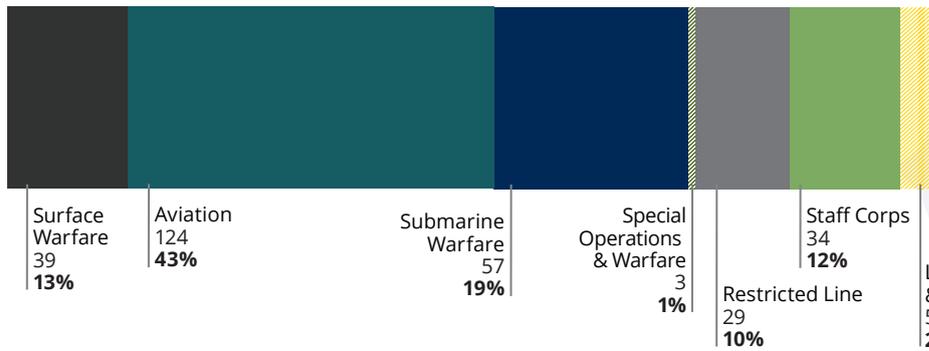
TOTAL USN/R Communities (total 980).....



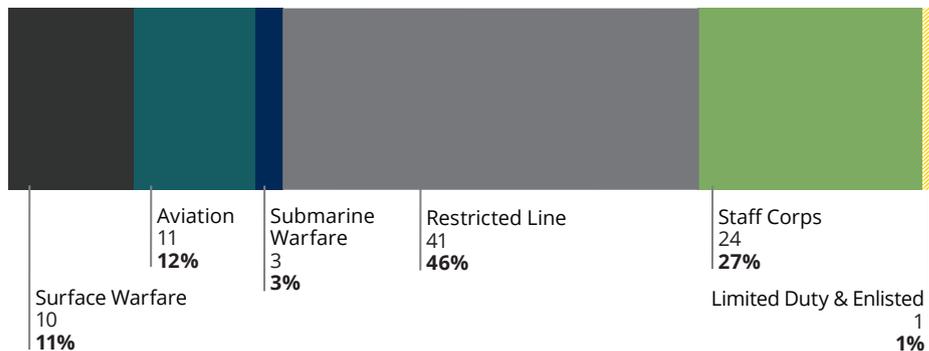
Full-time Resident (total 600)



Distance Learning (total 291)



Certificates (total 90)



Numbers may not sum to total due to rounding.

INTERNATIONAL RESIDENT DEGREE STUDENTS

By Region – Average On Board 2018

6

Australia and New Zealand	
Australia	5
New Zealand	0
Total	5

North America	
Canada	6
Mexico	5
Total	11

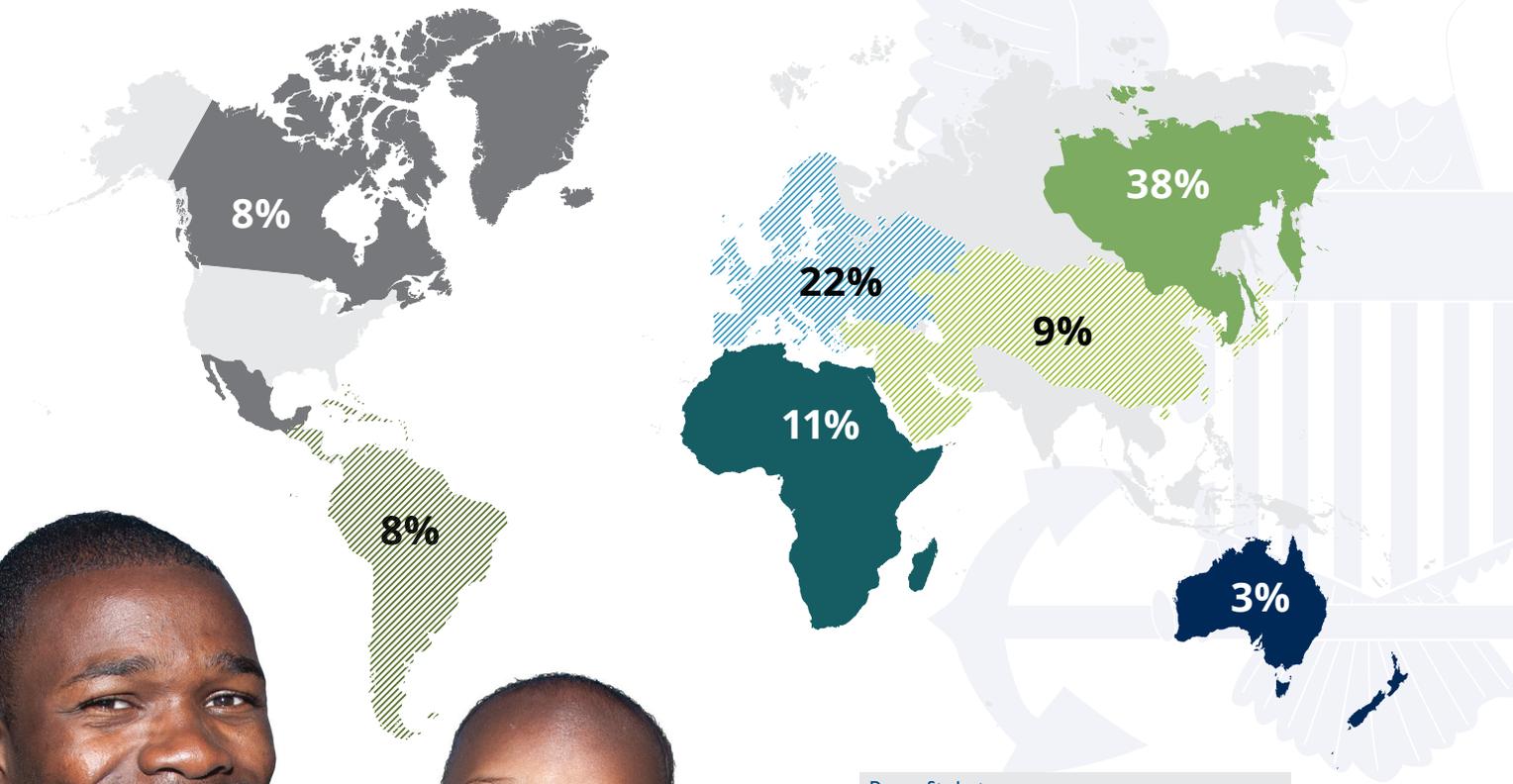
Central/East Asia and Middle East	
Azerbaijan	1
Bahrain	1
Israel	1
Jordan	0
Lebanon	2
Pakistan	8
Saudi Arabia	1
Total	14

Africa	
Botswana	1
Cameroon	1
Mali	11
Senegal	1
South Africa	1
Tunisia	1
Uganda	2
Total	16

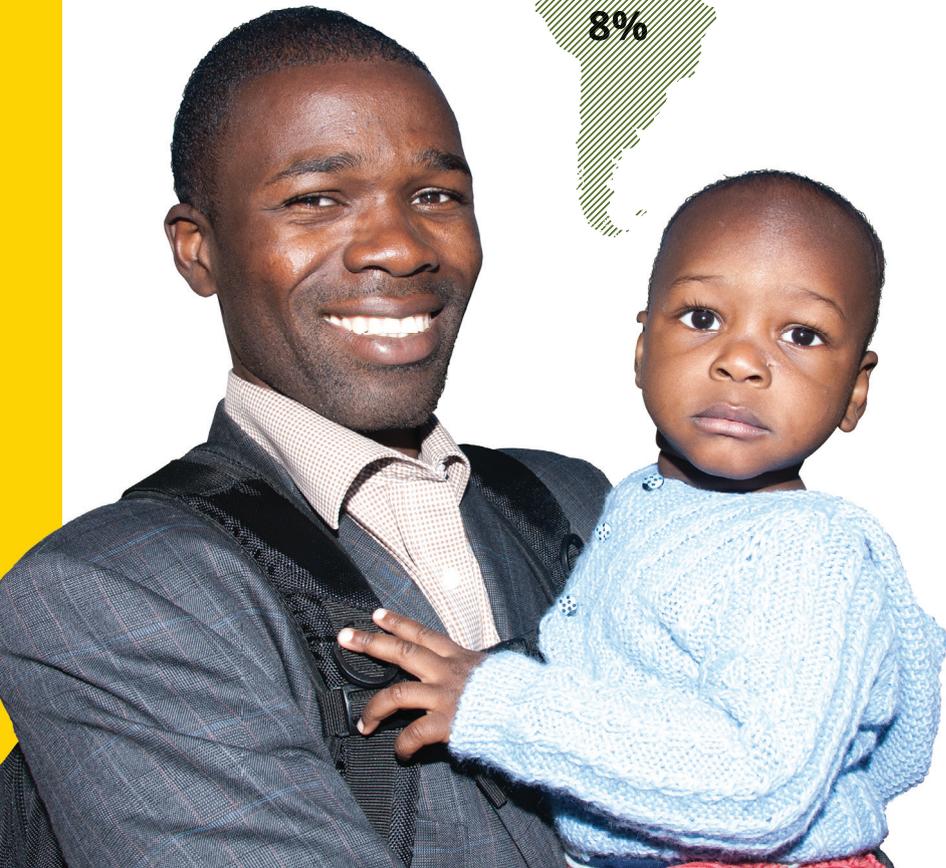
Caribbean, Central and South America	
Argentina	1
Brazil	5
Colombia	1
Dominian Republic	1
El Salvador	1
Peru	3
Total	12

Europe	
Albania	1
Denmark	2
Estonia	1
Finland	2
Georgia	2
Germany	8
Greece	6
Italy	1
Netherlands	2
Norway	2
Romania	1
Sweden	2
Switzerland	1
Ukraine	1
Total	31

Far/Near East	
Indonesia	4
Japan	2
Korea	9
Mongolia	2
Nepal	2
Philippines	2
Singapore	25
Sri Lanka	4
Taiwan	5
Thailand	1
Total	54



Degree Students	
Australia & New Zealand	5
Central/East Asian & Middle East	14
Africa	16
Caribbean, Central & South America	12
North America	11
Europe	31
Far/Near East	54
Total	143



Military officers from more than 110 allied nations have studied at the university, often bringing their families with them. The cultural exchange builds lifelong relationships between NPS' U.S. students and their international colleagues.

GRADUATE DEGREE ENROLLMENT

All degrees by Curricula

7

Resident Programs	Curriculum Number	USN	USMC	Other Services	Intl Military & Civilian	U.S. Civilian	Grand Total
GSBPP							
Acquisitions & Contract Management	815	23	10	31	1	0	65
Defense Business Management	809	0	0	0	0	3	3
Defense Systems Analysis	817	0	12	1	1	0	15
Defense Systems Management (International)	818	0	0	0	1	0	1
Financial Management	837	48	9	2	2	0	61
Financial Management (Energy Specialty)	838	4	0	0	0	0	4
Information Systems Management MBA	870	5	0	2	1	0	8
Manpower Systems Analysis	847	24	16	0	6	0	46
Materiel Logistics Support Management	827	8	9	0	1	0	17
Supply Chain Management	819	13	0	2	0	0	15
Systems Acquisition Management	816	2	0	16	0	0	18
Transportation Management	814	1	0	1	0	0	2
GSBPP Total		126	56	55	14	3	253
GSEAS							
Aerospace Engineering	609	1	0	1	0	0	2
Applied Mathematics	380	1	0	6	1	1	8
Applied Mathematics (PhD)	381	0	0	1	1	1	3
Applied Physics (PhD)	537	2	0	0	0	1	3
Combat Systems Science & Engineering	533	27	4	2	9	0	42
Electrical Systems Engineering - Energy Focus	593	0	0	1	0	0	1
Electronic Systems Engineering	590	39	12	1	9	0	60
Electronic Systems Engineering (PhD)	594	6	0	0	1	0	7
Engineering Acoustics (PhD)	536	0	0	0	1	1	2
Meteorology	372	0	0	6	0	0	6
Meteorology (PhD)	387	1	0	1	0	0	1
Meteorology and Oceanography (METOC)	373	34	0	0	2	0	36
Naval/Mechanical Engineering	570	37	0	0	3	0	40
Naval/Mechanical Engineering - Energy Focus	563	8	0	0	0	0	8
Naval/Mechanical Engineering (PhD)	573	2	0	0	0	2	4
Oceanography	440	0	0	0	3	0	3
Oceanography (PhD)	443	2	0	0	0	0	2
Space Systems Engineering	591	15	1	0	0	0	16
Space Systems Engineering (PhD)	597	0	0	1	0	2	3
Space Systems Operations	366	15	8	3	0	0	26
Space Systems Operations (Intl)	364	0	0	0	1	0	1

GRADUATE DEGREE ENROLLMENT

All degrees by Curricula

Systems Engineering	580	21	0	4	8	0	33
Systems Engineering (PhD)	581	2	0	0	0	18	20
Systems Engineering Analysis	308	13	0	0	1	0	14
Systems Engineering Management-System Acquisition	522	0	0	8	0	0	8
Undersea Warfare	525	20	0	0	0	0	20
Undersea Warfare (International)	526	0	0	0	4	0	4
GSEAS Total		242	25	33	42	26	367
GSOIS							
Applied Cyber Operations	336	6	0	0	0	0	6
Computer Science	368	34	20	2	4	18	78
Computer Science (PhD)	384	0	0	0	0	1	1
Cyber Systems and Operations	326	27	0	4	0	0	31
Human Systems Integration	362	0	0	3	0	0	3
Information Sciences (PhD)	474	0	2	2	0	18	22
Information Strategy and Political Warfare	698	0	0	25	3	0	28
Information Systems & Technology	370	0	29	1	3	1	34
Information Warfare	595	0	18	0	0	0	18
Joint Cmd, Cntrl, Comm, Comp/Intel (C4I) Sys	365	0	4	0	1	0	5
Modeling, Virtual Environments & Simulation	399	2	10	4	3	0	18
Modeling, Virtual Environments & Simulation (PhD)	398	1	0	1	0	2	3
Network Operations and Technology	386	20	0	1	0	0	21
Operations Analysis	360	31	27	16	10	1	85
Operations Analysis (PhD)	382	0	1	0	0	0	1
Operations Research Logistics Analysis	361	19	0	0	0	0	19
Software Engineering (PhD)	385	0	0	0	0	0	0
Special Operations	699	17	1	83	23	1	125
GSOIS Total		155	110	142	47	41	494
SIGS							
Civil-Military Relations	685	0	0	0	7	0	7
Combating Terrorism: Policy and Strategy	693	0	0	0	15	0	15
Europe and Eurasia	684	13	10	11	3	0	36
Far East, Southeast Asia, Pacific	682	23	9	6	1	0	39
Homeland Defense and Security	692	0	1	9	0	128	138
Homeland Security and Defense	691	13	0	2	1	0	15
Middle East, South Asia, Sub-Saharan Africa	681	11	7	20	0	0	38
Security Studies (PhD)	694	3	0	1	0	2	5
Strategic Studies	688	4	0	3	14	0	22
Western Hemisphere	683	11	5	15	0	0	31
SIGS Total		77	31	66	41	130	344
RESIDENT TOTAL		600	222	295	144	199	1459

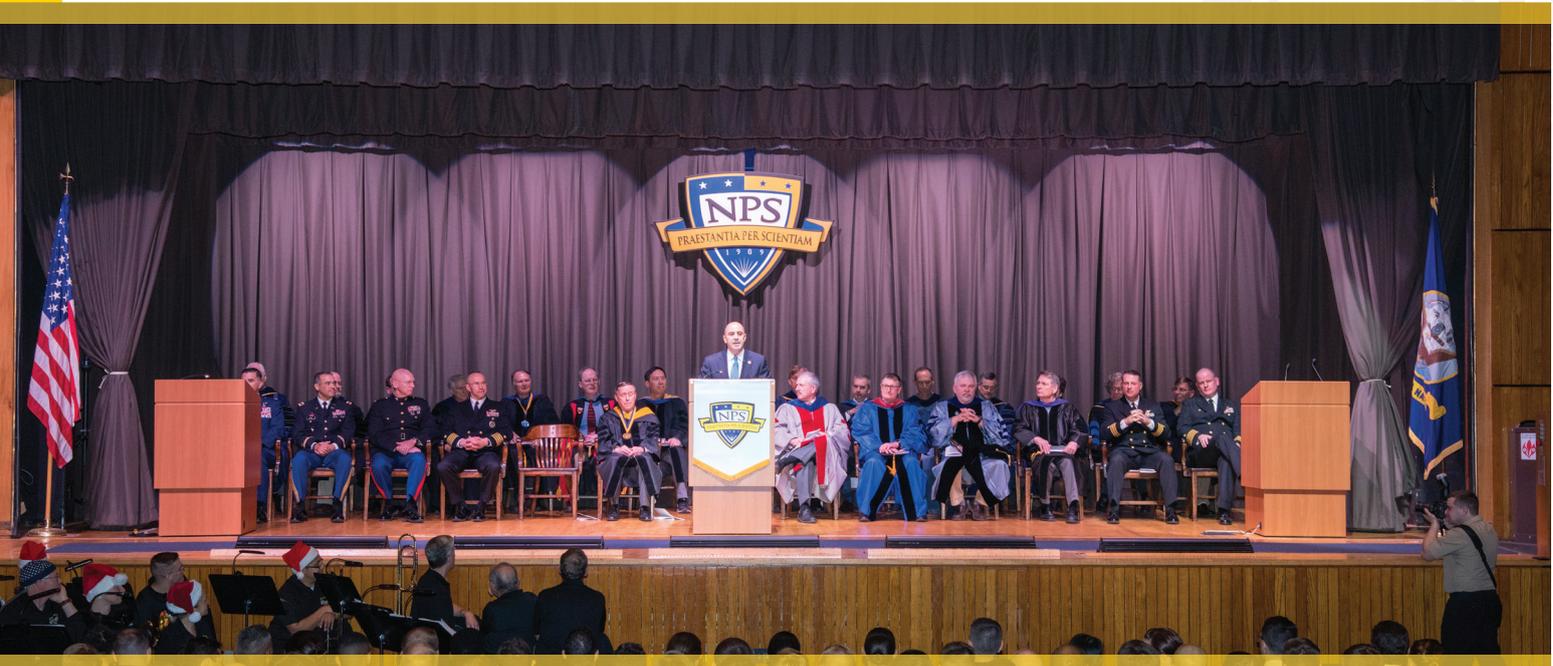
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Source: Office of Institutional Research, Reporting and Analysis (IRRA)

GRADUATE DEGREE ENROLLMENT *continued*

9

Distance Learning Programs	Curriculum Number	USN	USMC	Other Services	Intl Military & Civilian	U.S. Civilian	Grand Total
GSBPP							
Contract Management (DL)	835	0	4	1	0	42	47
Executive Master of Business Administration (DL)	805	119	12	0	0	0	131
Executive Master of Business Administration(DL-Civ)	807	0	0	0	0	68	68
Program Management (DL)	836	1	0	0	0	54	55
GSBPP Total		120	16	1	0	164	301
GSEAS							
Aviation Systems Engineering (DL)	312	14	5	4	0	5	28
Electronic Systems Engineering (DL)	592	0	0	3	0	63	66
Mechanical Engrg for Nuclear Trained Officers (DL)	572	53	0	0	0	2	55
Naval Test Pilot/Mechanical & Aerospace Engineering Program (DL)	613	8	0	0	0	1	8
Reactors - Mechanical/Electrical Engineering (DL)	571	10	0	0	0	0	10
Systems Engineering (DL)	311	24	5	0	0	180	209
Systems Engineering Management-PD21 (DL)	721	4	0	0	0	33	37
Underwater Acoustic Systems (DL)	535	0	0	0	0	22	22
GSEAS Total		112	11	7	0	306	434
GSOIS							
Cost Estimating and Analysis (DL)	379	1	3	0	1	36	40
Human Systems Integration (DL)	359	16	2	1	1	4	22
Systems Analysis (DL)	363	43	6	0	0	7	56
GSOIS Total		59	11	1	1	47	118
DL Total		291	37	8	1	517	853



GRADUATE DEGREES CONFERRED ACADEMIC YEAR 2018

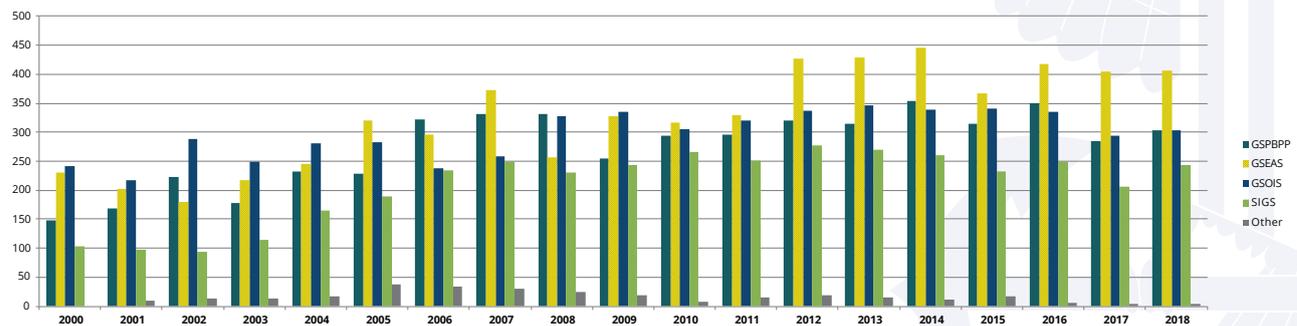
Graduate School of Business and Public Policy	303
EMBA Executive Master of Business Administration	85
MBA Master of Business Administration	132
MS Contract Management	18
MS Management	39
MS Program Management	29
Graduate School of Engineering and Applied Sciences	411
EAAC - ENGINEERING ACOUSTICS ACADEMIC COMMITTEE	22
M Engineering Acoustics	17
MS Engineering Acoustics	5
ECE - ELECTRICAL AND COMPUTER ENGINEERING	60
MEng Electrical Engineering	29
MS Electrical Engineering	29
MS Engineering Science (Electrical Engineering)	1
PhD Electrical Engineering	1
MA - APPLIED MATHEMATICS	9
MS Applied Mathematics	8
PhD Applied Mathematics	1
MAE - MECHANICAL AND AEROSPACE ENGINEERING	63
Ast E Astronautical Engineer	2
MS Astronautical Engineering	11
MS Engineering Science (Aerospace Engineering)	8
MS Engineering Science (Astronautical Engineering)	1
MS Engineering Science (Mechanical Engineering)	10
MS Mechanical Engineering	28
PhD Astronautical Engineering	2
PhD Mechanical Engineering	1
MR - METEOROLOGY	11
MS Meteorology and Physical Oceanography	11
OC - OCEANOGRAPHY	8
MS Meteorology and Physical Oceanography	3
MS Physical Oceanography	4
PhD Physical Oceanography	1
PH - PHYSICS	20
MS Applied Physics	16
MS Physics	2
PhD Applied Physics	1
MS Combat Systems Technology	1
SE - SYSTEMS ENGINEERING	199
MS Engineering Systems	36
PhD Systems Engineering	2
MS Systems Engineering	137
MS Systems Engineering Management	24
SP - SPACE SYSTEMS ACADEMIC GROUP	15
MS Space Systems Operations	15
PROVOST OVERSIGHT (OTHER)	4
MS Systems Engineering Analysis	4
Graduate School of Operational and Information Sciences	303
CS - COMPUTER SCIENCE	49
MS Computer Science	39
MS Modeling, Virtual Environments and Simulation	9
PhD Modeling, Virtual Environments and Simulation	1
DA - DEFENSE ANALYSIS	96
MS Defense Analysis (Irregular Warfare)	75
MS Defense Analysis (National Security Affairs)	2
MS Defense Analysis (Terrorist Operations & Financing)	1
MS Information Strategy and Political Warfare	18
IS - INFORMATION SCIENCES	55
MS Applied Cyber Operations	5

Numbers may not sum to total due to rounding.

GRADUATE DEGREES CONFERRED ACADEMIC YEAR 2018 *continued*

MS Cyber Systems and Operations	7
MS Information Technology Management	20
MS Information Warfare Systems Engineering	9
MS Network Operations and Technology	11
MS Systems Technology (Command, Control, and Communications)	3
OR - OPERATIONS RESEARCH	103
M Cost Estimating and Analysis	19
M Human Systems Integration	7
M Systems Analysis	27
MS Applied Science (Operations Research)	3
MS Human Systems Integration	2
MS Operations Research	45
School of International Graduate Studies	243
NSA - NATIONAL SECURITY AFFAIRS	243
MA Security Studies (Civil-Military Relations)	4
MA Security Studies (Combating Terrorism: Policy and Strategy)	11
MA Security Studies (Europe and Eurasia)	22
MA Security Studies (Far East, SE Asia, the Pacific)	32
MA Security Studies (Homeland Security and Defense)	105
MA Security Studies (Middle East, South Asia, Sub-Saharan Africa)	32
MA Security Studies (Strategic Studies)	14
MA Security Studies (Western Hemisphere)	22
PhD Security Studies	1
NPS TOTAL	1260

Degrees Conferred by Academic School (since 2000)



SCHOOLS	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
GSBPP	148	169	223	177	233	229	322	331	331	255	293	295	321	315	354	315	351	285	303
GSEAS	231	202	179	217	245	320	295	372	257	328	317	329	426	428	446	366	418	404	407
GSOIS	241	217	289	249	280	282	237	259	327	335	305	321	337	346	338	340	335	294	303
SIGS	103	98	93	115	165	190	234	249	230	243	265	250	277	269	261	232	249	206	243
Other	-	10	14	13	17	38	34	30	25	18	8	15	18	15	12	16	5	4	4
Total	723	696	798	771	940	1,059	1,122	1,241	1,170	1,179	1,188	1,210	1,379	1,373	1,411	1,269	1,358	1,193	1,260

NPS FACULTY

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FACULTY BY RANK

Tenure Track

RANK	GSBPP	GSEAS	GSOIS	SIGS	RESEARCH	ADMIN	TOTAL
PROFESSOR	14	47	28	7	1	2	99
ASSOCIATE PROFESSOR	22	27	24	13	0	2	88
ASSISTANT PROFESSOR	12	13	14	5	0	0	44
TOTAL	48	87	66	25	1	4	231

Non-Tenure Track

RANK	GSBPP	GSEAS	GSOIS	SIGS	RESEARCH	ADMIN	TOTAL
SENIOR LECTURER	20	13	25	25	0	4	87
LECTURER	10	11	8	21	0	10	60
PROFESSOR OF THE PRACTICE	3	9	2	0	1	0	15
RESEARCH PROFESSOR	0	7	2	0	2	0	11
RESEARCH ASSOCIATE PROFESSOR	2	11	6	1	3	0	23
RESEARCH ASSISTANT PROFESSOR	0	6	2	1	0	0	9
ADMINISTRATIVE FACULTY	0	1	2	4	1	8	16
ASSOCIATE FACULTY	10	50	52	24	19	3	158
TOTAL	45	108	99	76	26	25	379
GRAND TOTAL	93	195	165	101	27	29	610

Graduate School of Business and Public Policy (GSBPP)
 Graduate School of Engineering and Applied Sciences (GSEAS)
 Graduate School of Operational and Information Sciences (GSOIS)
 School of International Graduate Studies (SIGS)

Source: Office of Institutional Research, Reporting and Analysis (IRRA)

Numbers may not sum to total due to rounding.

NPS Faculty Distribution

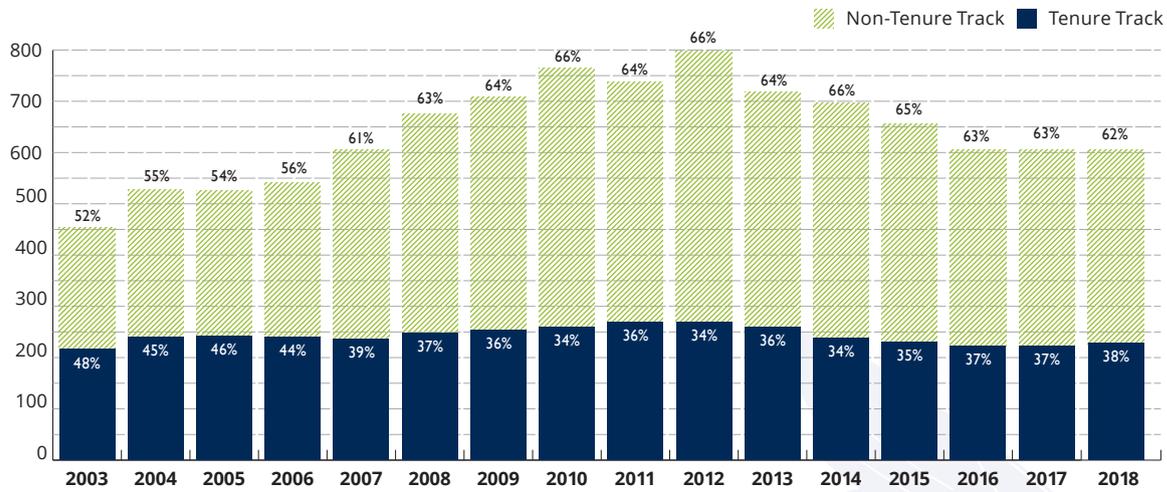
	GSBPP	GSEAS	GSOIS	SIGS	RESEARCH	ADMIN	TOTAL
TENURE TRACK	48	87	66	25	1	4	231
NON-TENURE TRACK	45	108	99	76	26	25	379
TOTAL	93	195	165	101	27	29	610

NPS Faculty Distribution

	GSBPP	GSEAS	GSOIS	SIGS	RESEARCH	ADMIN	TOTAL
	93	195	165	101	27	29	610
PERCENTAGE	15%	32%	27%	17%	4%	5%	100%

TENURE TRACK/NON-TENURE TRACK FACULTY

Trend since 2003



	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
TENURE TRACK	216	240	242	241	236	248	254	260	269	270	259	239	230	223	228	231
NON-TENURE TRACK	238	288	283	301	369	428	454	504	468	527	460	457	426	382	384	379
TOTAL	454	528	525	542	605	676	708	764	737	797	719	696	656	605	612	610

Source: Office of Institutional Research, Reporting and Analysis (IRRA)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
TENURE TRACK	48%	45%	46%	44%	39%	37%	36%	34%	36%	34%	36%	34%	35%	37%	37%	38%
NON-TENURE TRACK	52%	55%	54%	56%	61%	63%	64%	66%	64%	66%	64%	66%	65%	63%	63%	62%
TOTAL	100%															

FACULTY AND STAFF 2018

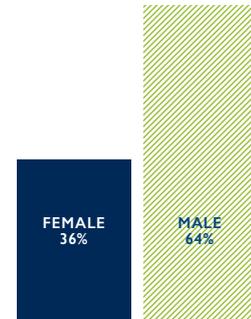
By Ethnicity

	Black/African American	American Indian/Alaskan Native	Asian	Native Hawaiian/Pacific Islander	Hispanic	White	Two or More	Total
NPS GS/WG	36	2	47	5	33	215	3	341
NPS FACULTY	4	6	47	2	25	533	1	618
TOTAL	40	8	94	7	58	748	4	959

By Gender

	FEMALE	MALE	TOTAL
NPS GS/WG	182	159	341
NPS FACULTY	159	459	618
TOTAL	341	618	959

	FEMALE	MALE
NPS GS/WG	53%	26%
NPS FACULTY	47%	74%
TOTAL	100%	100%



Numbers may not sum to total due to rounding.
Source: Human Resources Jan 2019



NPS Graduate Program Excerpts
from the 2018 Factbook

NPS office of Institutional Research, Reporting and Analysis (IRRA)