



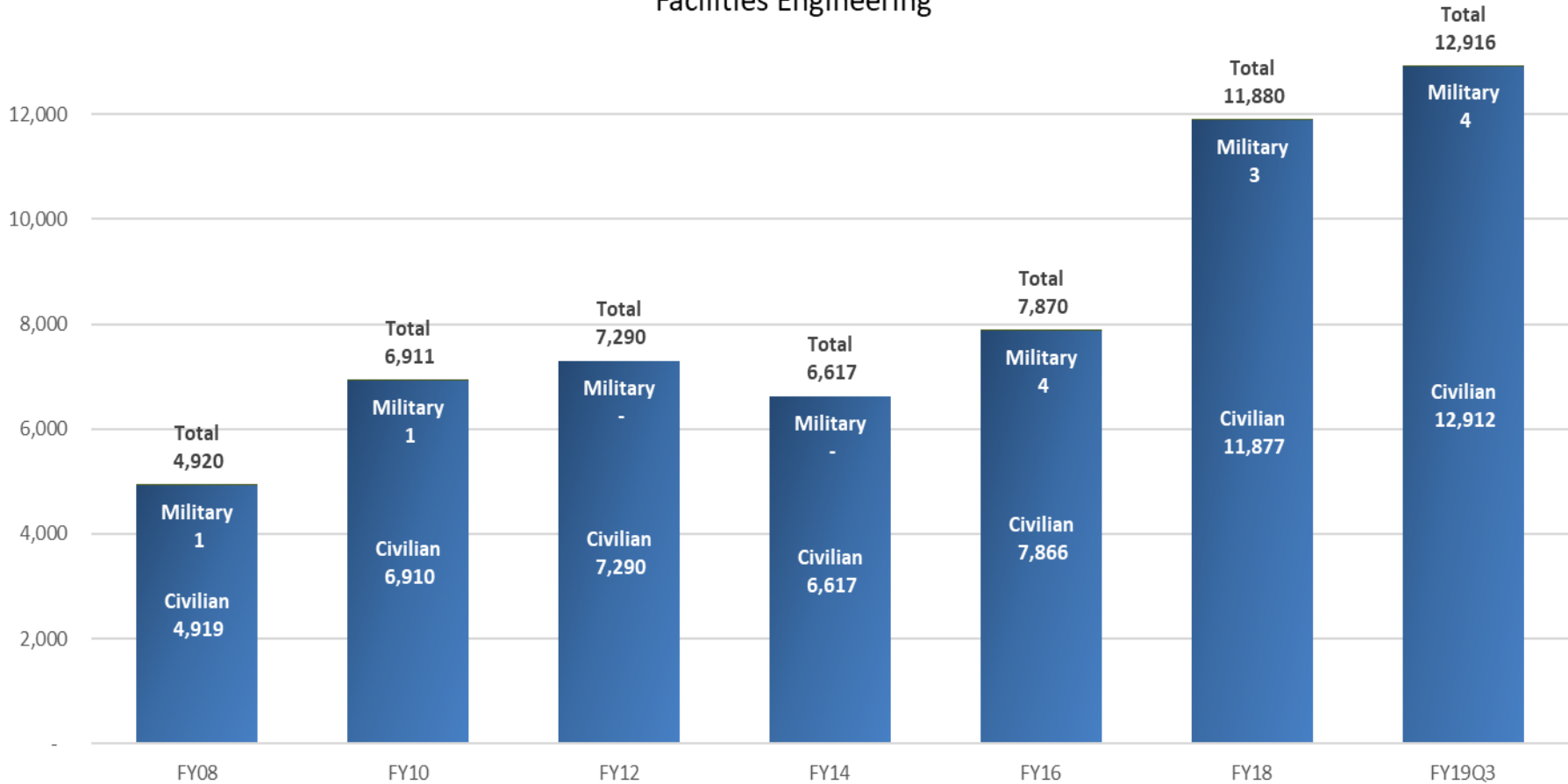
Defense Acquisition Workforce Key Information

Facilities Engineering
As of FY19Q3 (30 June 2019)



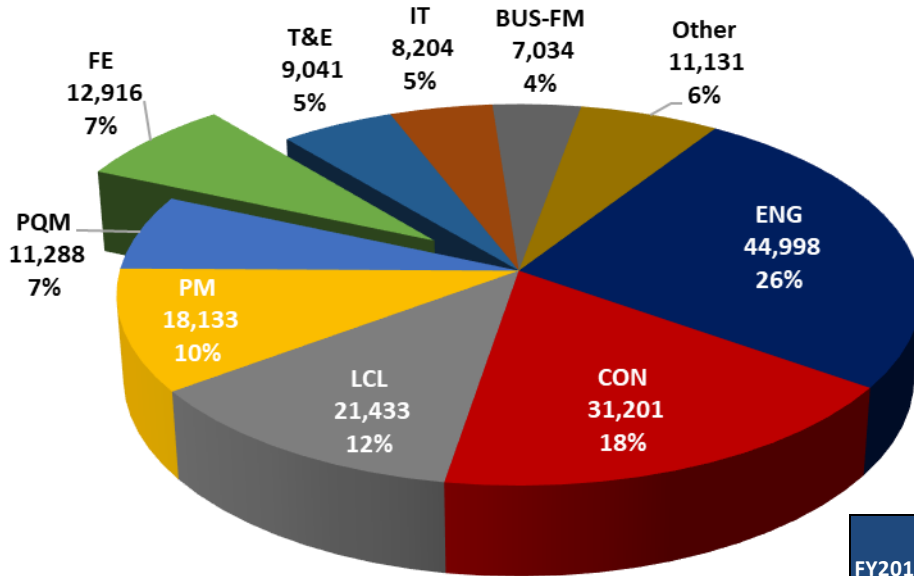
Total Historic Workforce

Facilities Engineering





AWF by Component and Career Field



FY2019 Q3	Army	Navy	Marine Corps	Air Force	4th Estate	Totals	% Total
Auditing	-	-	-	-	4,003	4,003	2.3%
Business - CE	251	562	35	505	97	1,450	0.8%
Business - FM	1,765	2,279	175	2,188	627	7,034	4.0%
Contracting	8,065	6,319	551	8,051	8,215	31,201	17.8%
Engineering	9,090	23,834	321	9,572	2,181	44,998	25.7%
Facilities Engineering	6,144	5,947	30	697	98	12,916	7.4%
Information Technology	1,873	3,614	223	1,419	1,075	8,204	4.7%
Life Cycle Logistics	6,943	6,568	697	3,739	3,486	21,433	12.2%
Production, Quality and Man	1,359	3,798	30	478	5,623	11,288	6.4%
Program Management	3,348	5,824	757	6,261	1,943	18,133	10.3%
Property	49	76	-	15	284	424	0.2%
Purchasing	268	370	33	45	520	1,236	0.7%
S&T Manager	513	526	4	2,818	136	3,997	2.3%
Test and Evaluation	1,935	3,248	138	3,371	349	9,041	5.2%
Unknown/Other	7	2	1	2	9	21	0.0%
Totals	41,610	62,967	2,995	39,161	28,646	175,379	
Component %	24.1%	36.5%	1.7%	22.7%	16.6%		



Facilities Engineering Workforce Historical Size by Agency FY08 – FY19



Facilities Engineering Defense Acq Workforce Agency	FY08	FY10	FY12	FY14	FY16	FY18	FY19Q3	% Change Since FY08	% Change Since FY18
Navy	3,902	5,301	5,508	4,998	5,456	5,755	5,947	52%	3%
MARINE CORPS	-	18	23	41	34	33	30		-9%
ARMY	988	1,564	1,708	1,530	1,797	5,329	6,144	522%	15%
AIR FORCE	6	20	29	4	498	668	697	11517%	4%
MDA	1	4	19	42	42	46	46	4500%	0%
DeCA	-	-	-	-	30	31	33		6%
DISA	-	-	-	-	8	14	12		-14%
DAU	1	-	-	-	2	2	2	100%	0%
DCMA	6	1	1	-	1	1	4	-33%	300%
DTRA	2	1	1	1	1	1	1	-50%	0%
DLA	13	2	1	1	1	-	-	-100%	
DSS	1	-	-	-	-	-	-	-100%	
TOTAL	4,920	6,911	7,290	6,617	7,870	11,880	12,916	↑ 163%	↑ 9%



Facilities Engineering Workforce Historical Size (Quarterly) by Agency



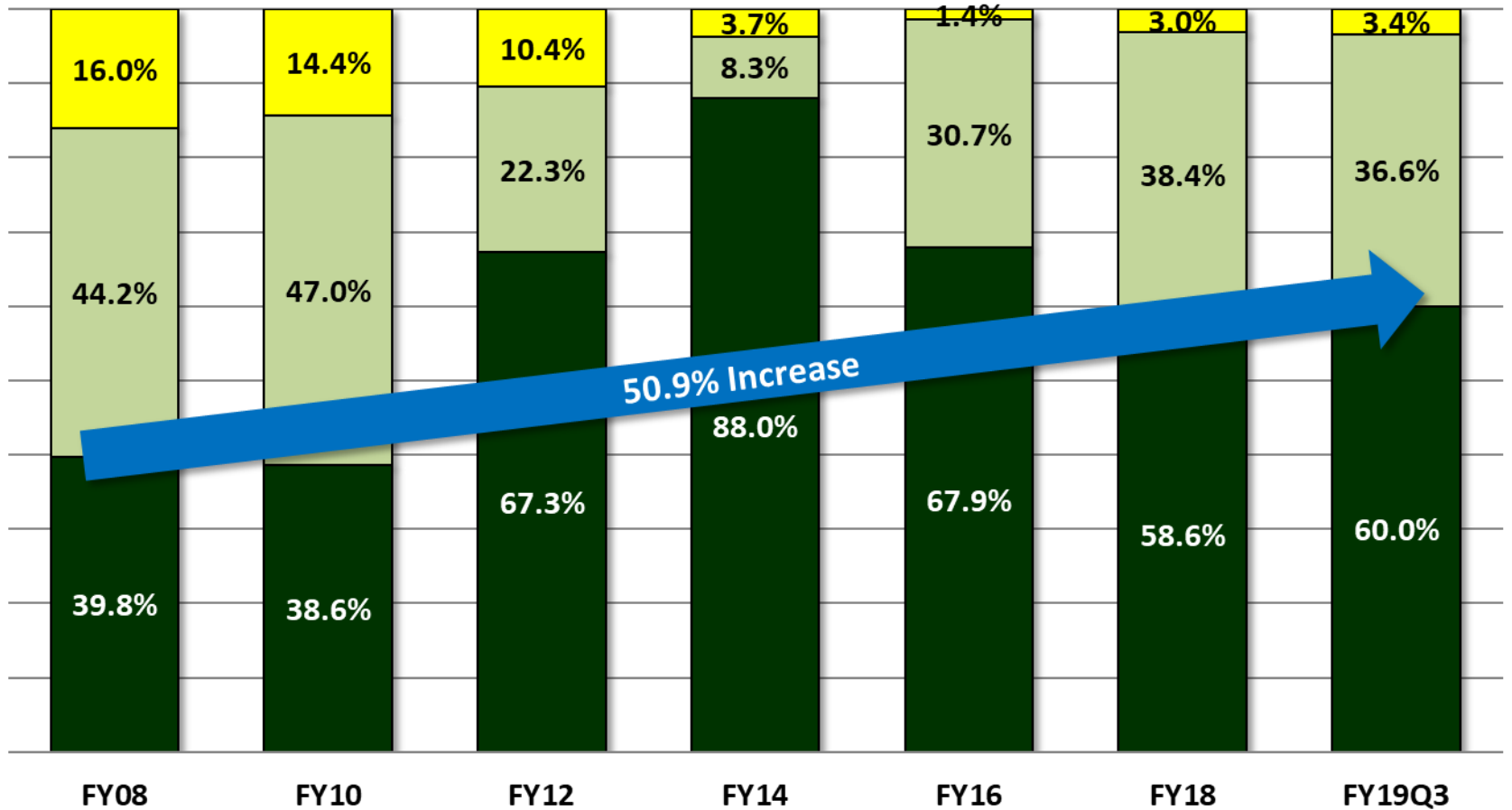
Facilities Engineering Defense Acq Workforce Agency	FY17Q3	FY17Q4	FY18Q1	FY18Q2	FY18Q3	FY18Q4	FY19Q1	FY19Q2	FY19Q3	% Change Since FY18Q3
Navy	5,507	5,541	5,573	5,575	5,634	5,755	5,832	5,871	5,947	6%
MARINE CORPS	34	30	31	30	33	33	35	32	30	-9%
ARMY	3,233	3,581	4,207	4,297	4,705	5,329	5,660	5,954	6,144	31%
AIR FORCE	520	591	573	585	670	668	663	701	697	4%
MDA	44	46	46	48	47	46	46	46	46	-2%
DeCA	28	26	28	31	31	31	30	30	33	6%
DISA	13	13	13	14	14	14	14	14	12	-14%
DAU	1	1	2	2	2	2	2	2	2	0%
DCMA	1	1	1	1	1	1	1	2	4	300%
DTRA	-	1	1	1	-	1	1	1	1	
DLA	1	-	-	-	-	-	-	-	-	
TOTAL	9,382	9,831	10,475	10,584	11,137	11,880	12,284	12,653	12,916	↑ 16%



Facilities Engineering Historical DAWIA Certification FY08 – FY19



Facilities Engineering



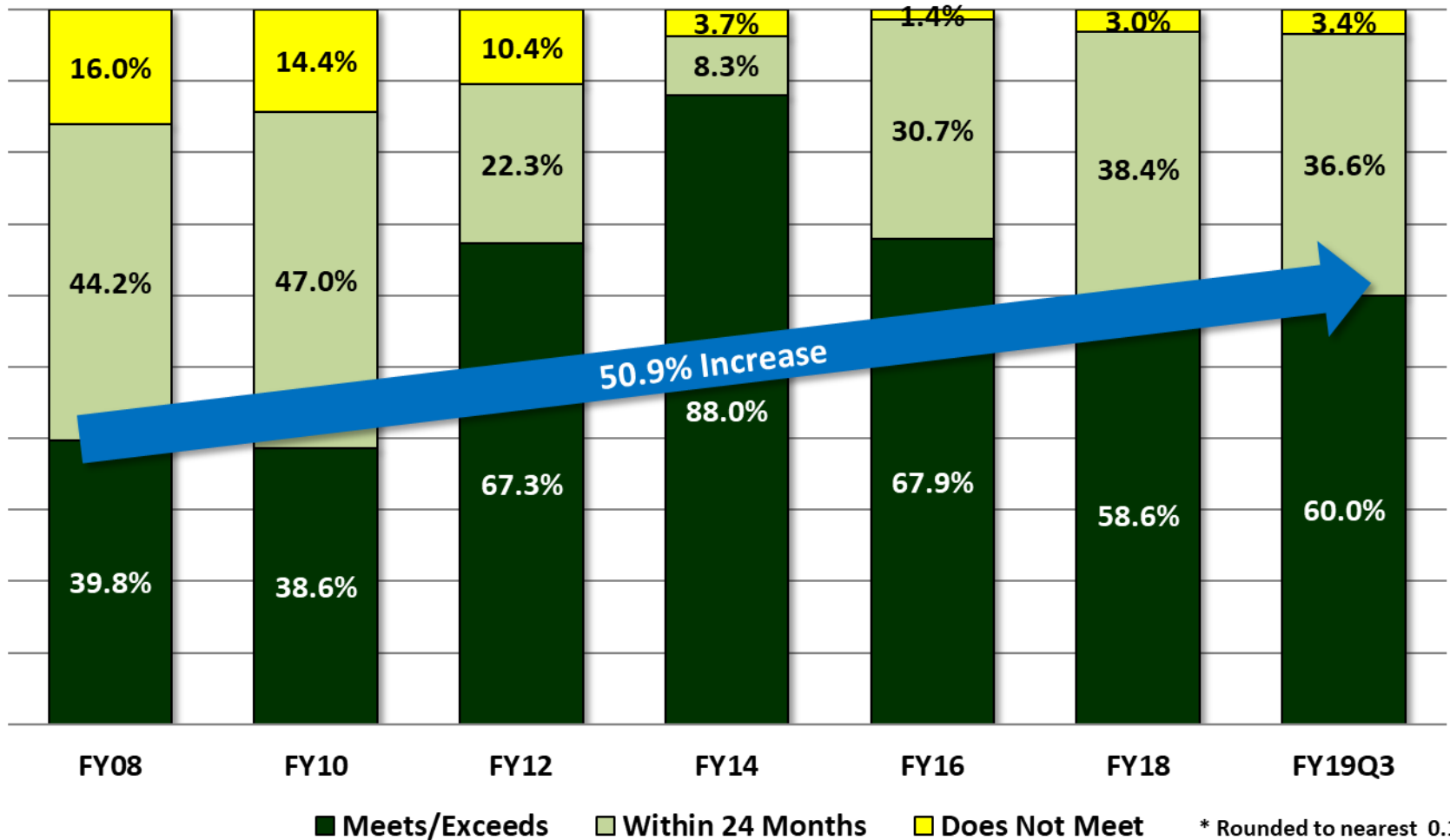
■ Meets/Exceeds ■ Within 24 Months ■ Does Not Meet * Rounded to nearest 0.1%



Facilities Engineering Historical (Quarterly) DAWIA Certification



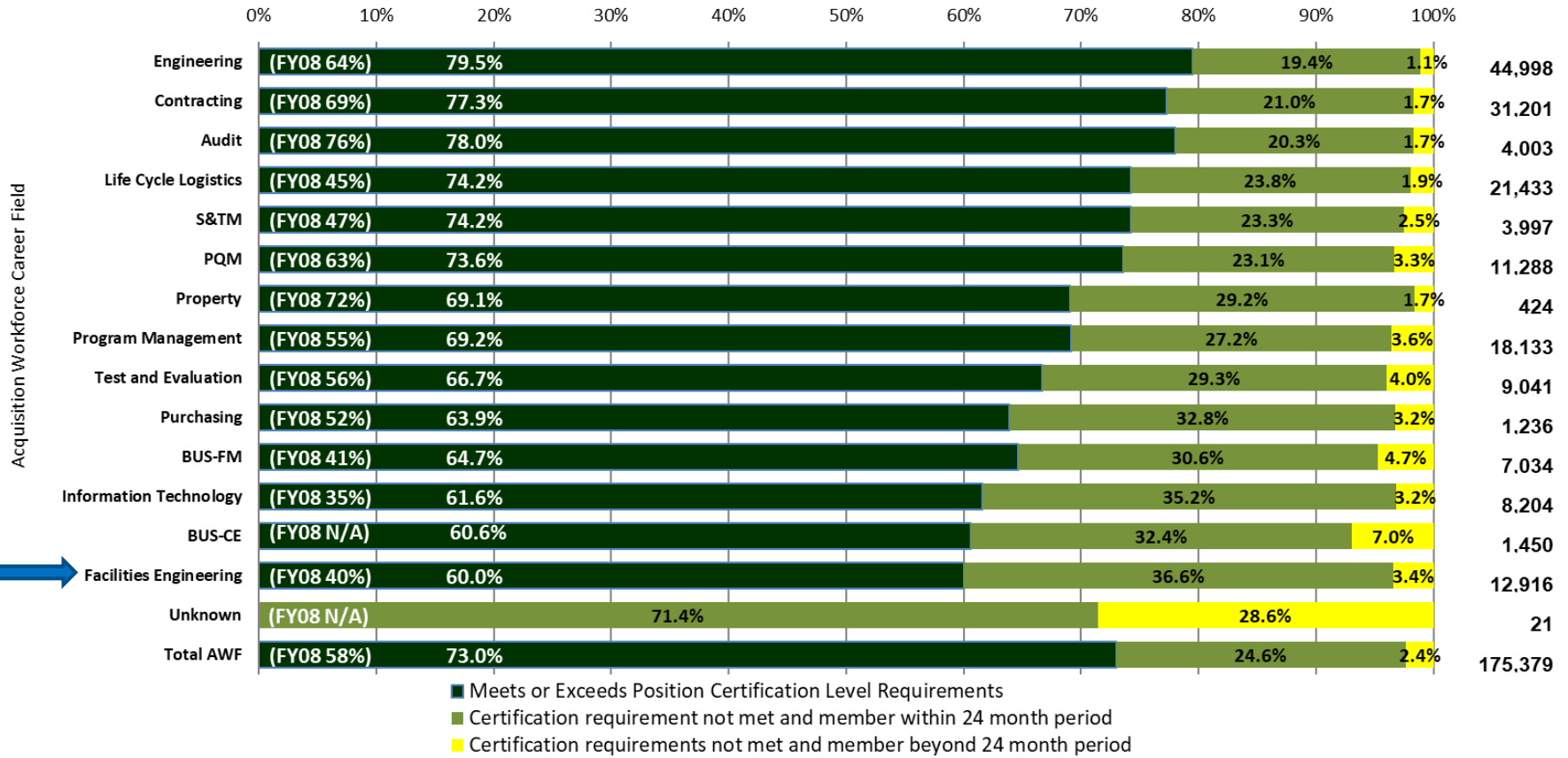
Facilities Engineering





DAWIA Certification by Career Field

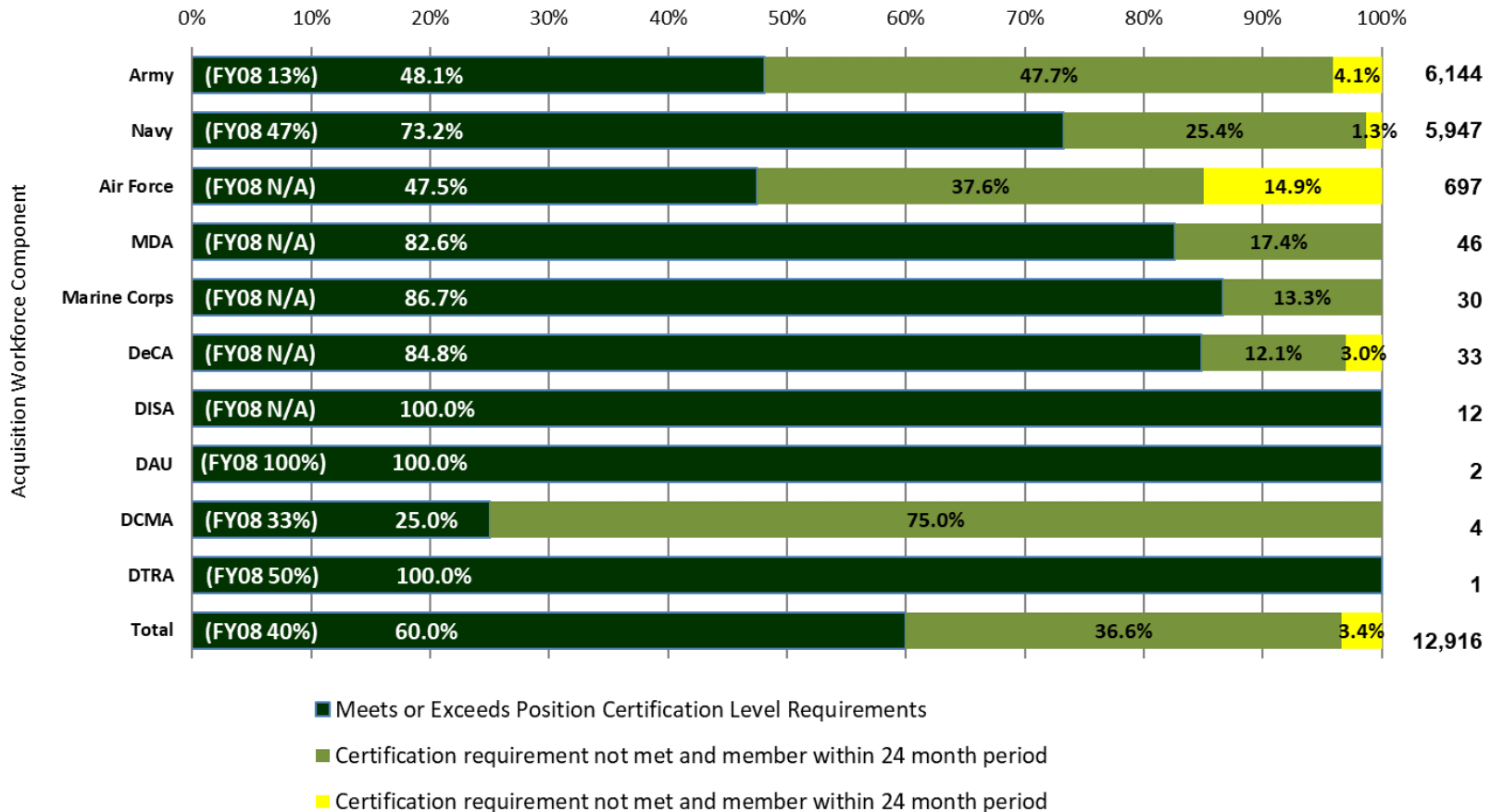
Certification Level "Meet/Exceed" Rates by Career Field AWF (FY19Q3)





Facilities Engineering DAWIA Certification by Component

Certification Level "Meet/Exceed" Rates by Component Facilities Engineering (FY19Q3)





Facilities Engineering DAWIA Certification Matrix + Bench Strength



Facilities Engineering		Achieved Certification Level				FY19Q3 TOTAL	% Meets Certification Requirement
Required Certification Level	No Level Achieved	Level I	Level II	Level III			
Level I	201	113	79	18	411	51.1%	
Level II	2,606	298	3,863	299	7,066	58.9%	
Level III	1,232	53	772	3,380	5,437	62.2%	
Unspecified	1	-	1	-	2		
FY19Q3 TOTAL	4,040	464	4,715	3,697	12,916	60.0%	
	31.3%	3.6%	36.5%	28.6%			

No Level Achieved includes those within the 24 month grace period

Bench Strength			
Org	# Meet or Exceeds	% Meets or Exceeds*	Career Field Rank
DAW	128,105	73.0%	
Army	32,054	77.0%	
Navy	45,274	71.9%	
Marine Cor	2,041	68.1%	
Air Force	26,880	68.6%	
4th Estate	21,856	76.3%	
Facilities Ei	7,752	60.0%	14 of 14

** Based on population total without unspecified positions

Certification Requirement	Meets	Within 24 Months	Does Not Meet	DAW TOTAL	
Level I	210	198	3	411	3.2%
Level II	4,162	2,736	168	7,066	54.7%
Level III	3,380	1,790	267	5,437	42.1%
Unspecified	-	2	-	2	0.0%
Facilities Engineering TOTAL	7,752	4,726	438	12,916	
	60.0%	36.6%	3.4%		

= Compliance

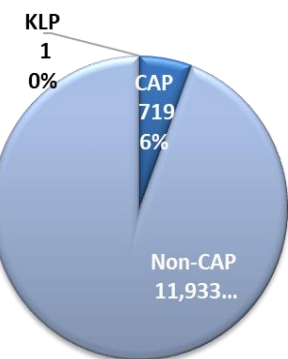
= Exceeds Requirements

* NOTE: Rounded to nearest 0.1%

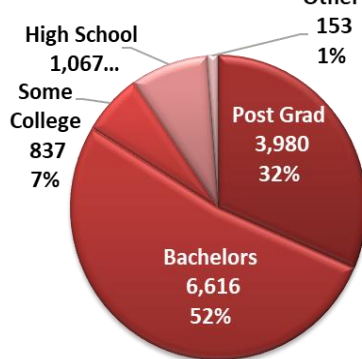


Facilities Engineering Demographics

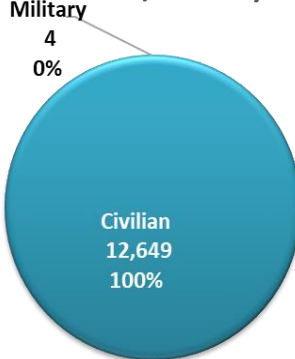
KLP - CAP - Non-CAP



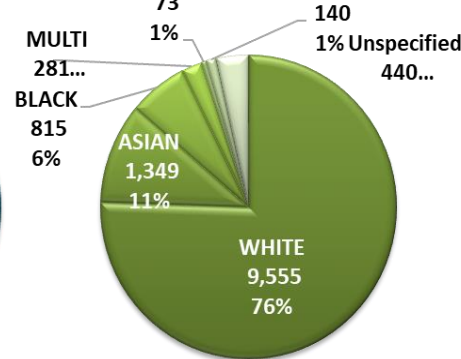
Education



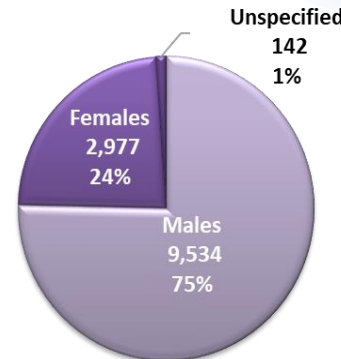
Civilian / Military



Race



Gender



Occupied Position Type	FE TOTAL	Entire AWF
Key Leadership Positions (KLPs)	1	1,242
Critical Acquisition Positions (CAPs) *	719	16,708
Non-CAP Positions	11,933	156,646
Unknown	-	-
TOTAL	12,653	174,596

* = Number of CAPs, excluding KLPs (no double counts)

Race	FE TOTAL	Entire DAW
WHITE	9,555	127,583
ASIAN	1,349	21,036
BLACK	815	11,990
MULTI	281	4,829
AMI/AN	73	1,133
PI	140	903
Unspecified	440	7,122
TOTAL	12,653	174,596

Highest Level of Education	FE TOTAL	Entire AWF
Post Grad	3,980	70,018
Bachelors	6,616	77,243
Some College	837	12,151
High School	1,067	12,718
Other	153	2,466
TOTAL	12,653	174,596

Gender	FE TOTAL	Entire DAW
Males	9,534	122,206
Females	2,977	50,436
Unspecified	142	1,954
TOTAL	12,653	174,596

Type	FE TOTAL	Entire AWF
Civilian	12,649	158,922
Military	4	15,674
TOTAL	12,653	174,596

There was a problem with the production of Q3 demographic data so Q2 is provided.



Facilities Engineering Size by Occupational Series

Civilian Occupational Series	FE TOTAL	
0810 - Engineer, Civil	3,173	25.1%
0801 - Engineer, General	1,231	9.7%
0802 - Engineering Technician	1,146	9.1%
0819 - Engineer, Environmental	727	5.7%
0830 - Engineer, Mechanical	831	6.6%
0808 - Architect	630	5.0%
1101 - Business and Industry Specialist	550	4.3%
0850 - Engineer, Electrical	649	5.1%
0340 - Program Manager	487	3.9%
<i>Other</i>	2,886	22.8%
TOTAL CIVILIAN	12,649	Civilians

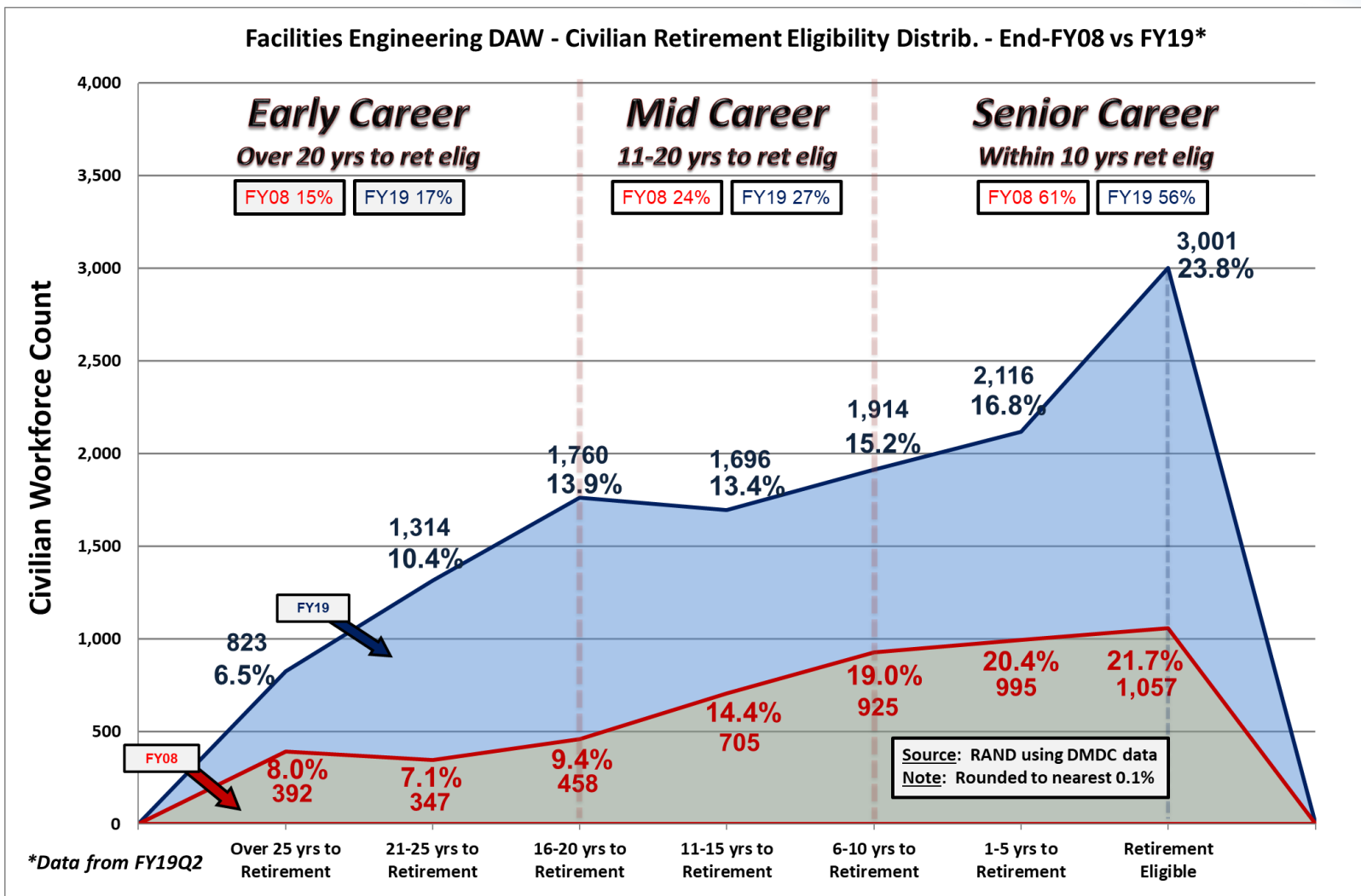
There was a problem with the production of Q3 demographic data so Q2 is provided.



**RAND NDRI Forces and Resources
Policy Center Data
Retirement / Loss Slides
FY19Q2**

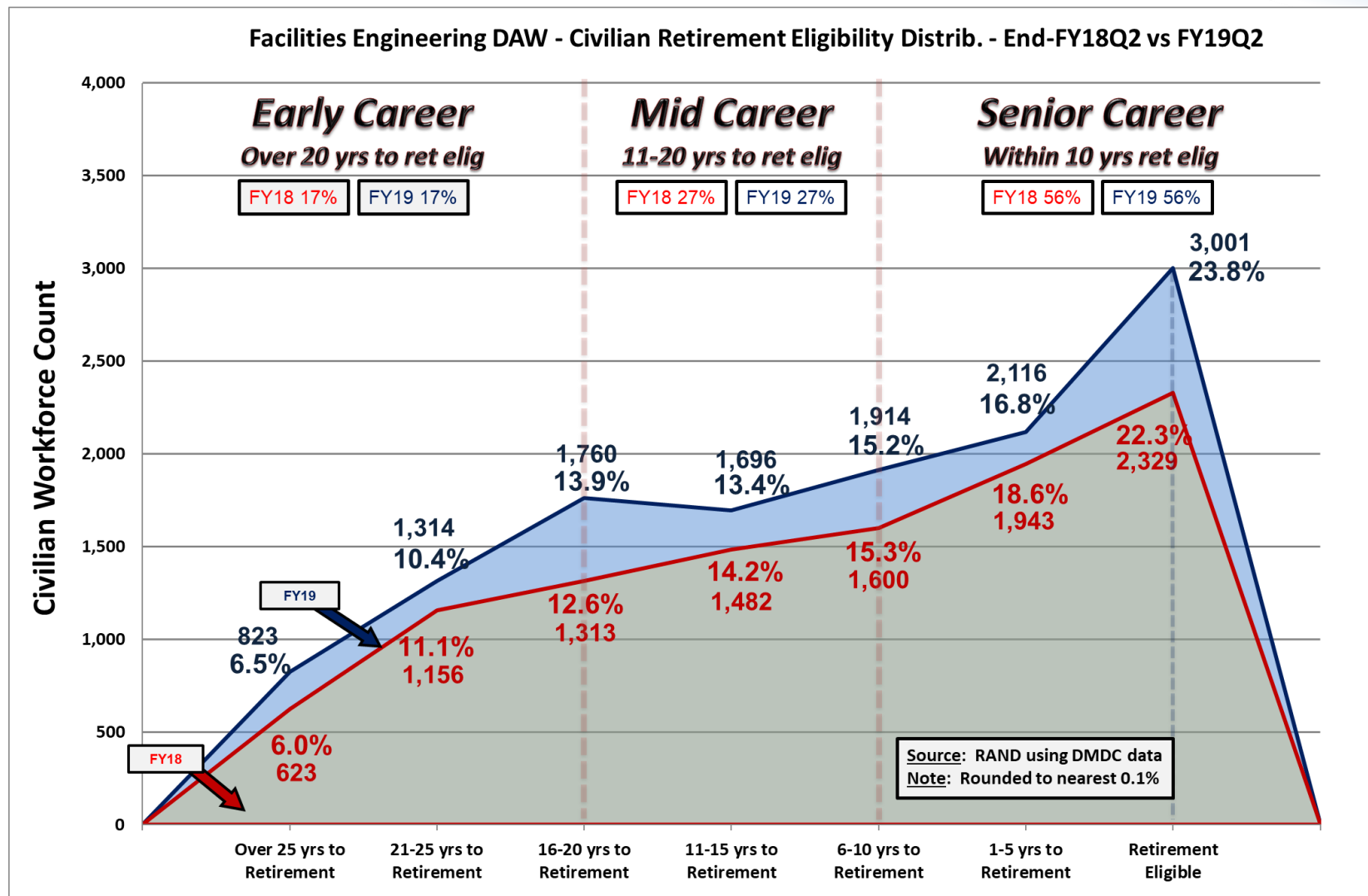


Facilities Engineering Civilian Retirement Eligibility Distribution – FY08 / FY19





Facilities Engineering Civilian Retirement Eligibility Distribution, 1 year



As of 31 Mar 2019

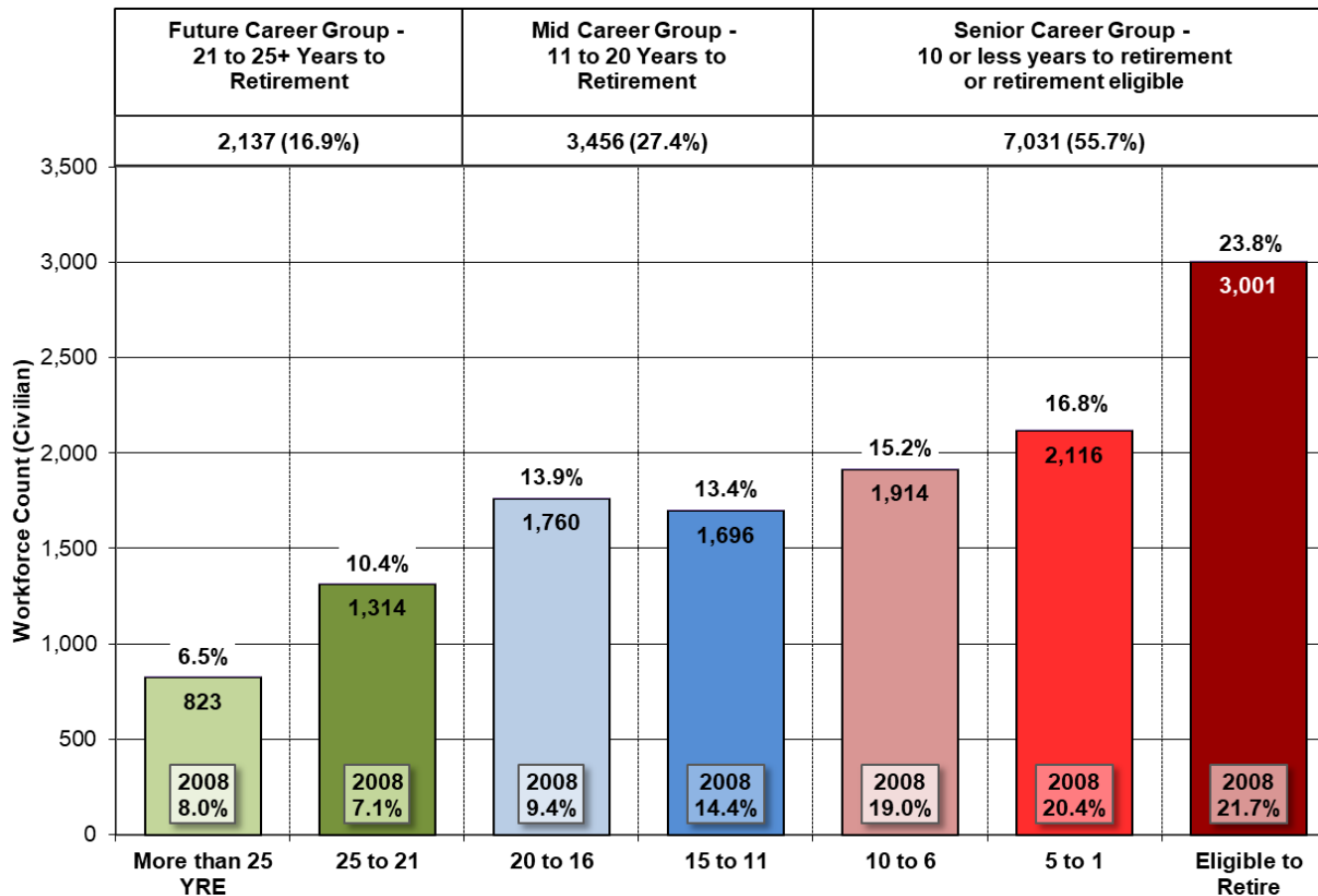


Facilities Engineering Workforce Lifecycle Model by YRE



Defense Acquisition Workforce Lifecycle Model (WLM)

by Years to Retirement Eligibility (YRE) - Civilian (FY2019Q2)



As of 31 Mar 2019

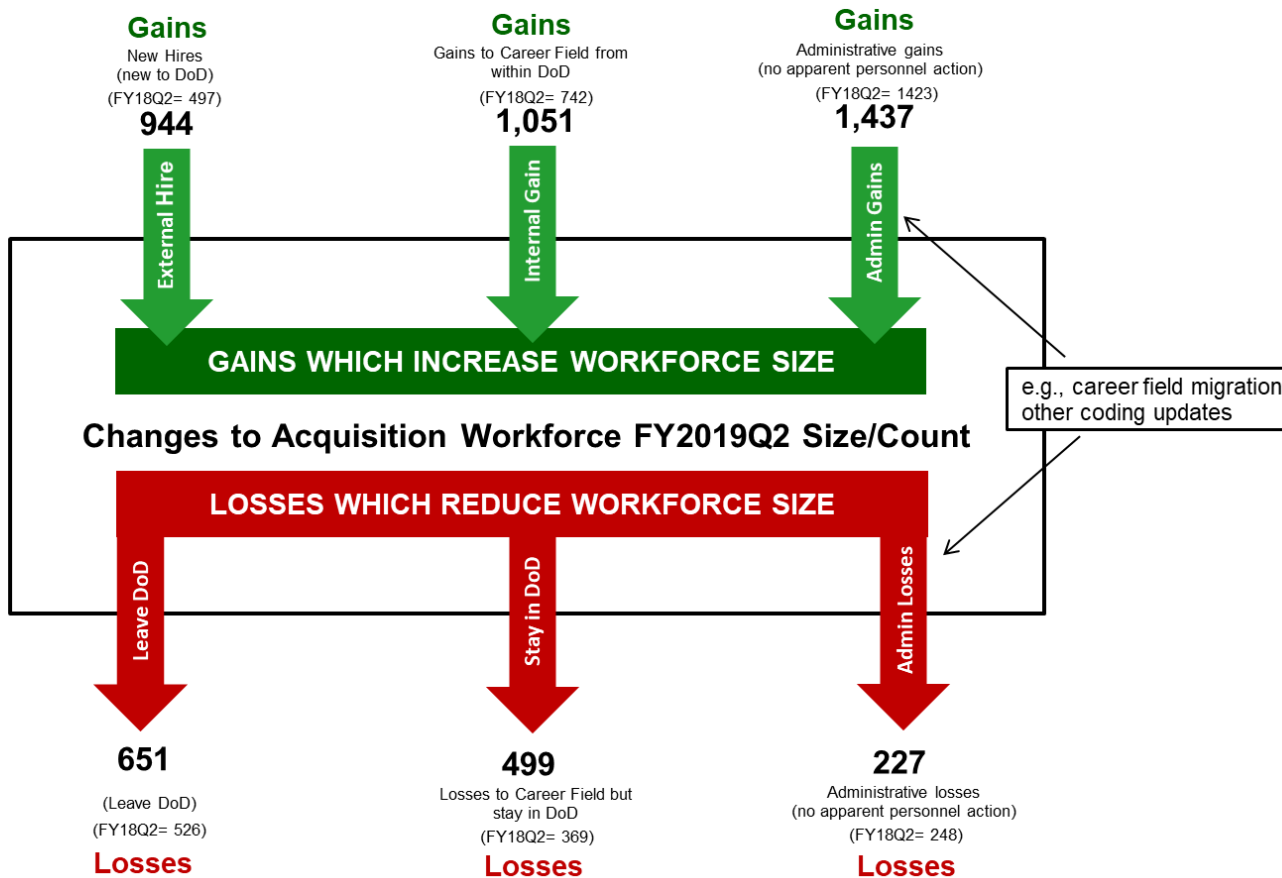


Facilities Engineering Gains/Losses – New Hires Internal/External, Administrative



Defense Acquisition Workforce (Civilian) (FY2019Q2)

Gains and Losses by External to DoD, Internal to DoD, and Administrative Categories



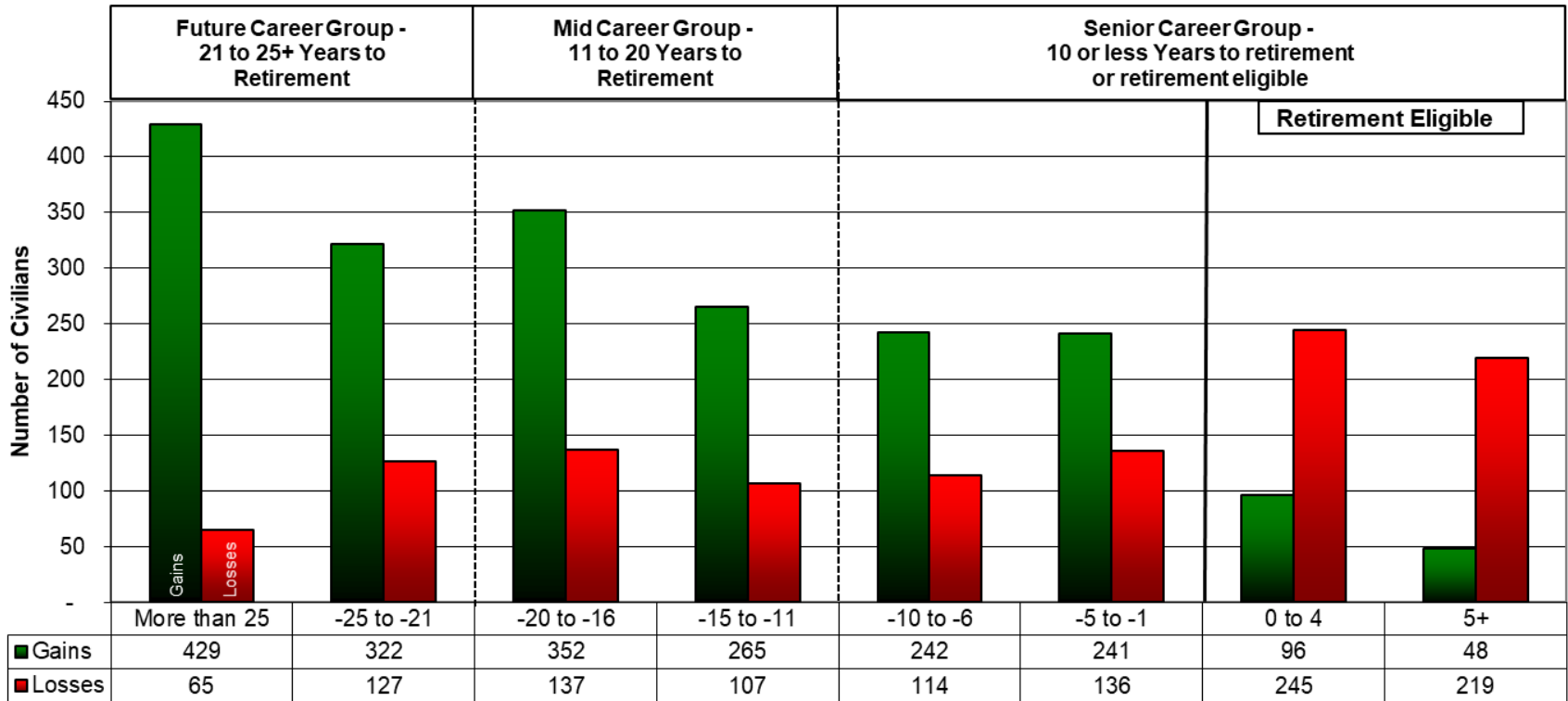


Facilities Engineering Gains and Losses by YRE Groups



Defense Acquisition Workforce (Civilian)

Workforce Lifecycle FY2019Q2 Gains & Losses*

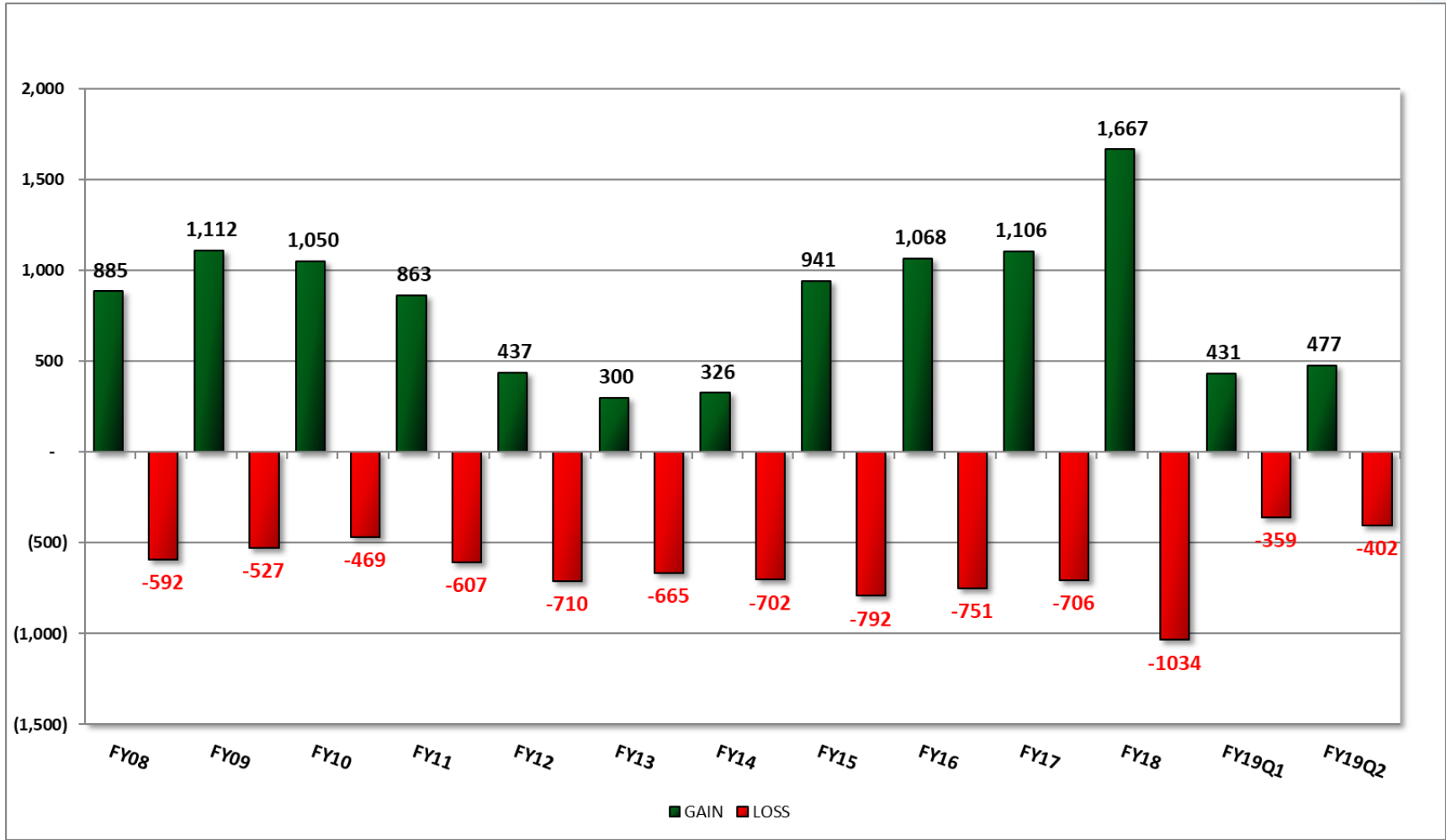


Career Lifecycle by Years to Retirement Eligibility

*Does not include administrative gains and losses



Facilities Engineering Historical Gains and Losses FY08 – FY19



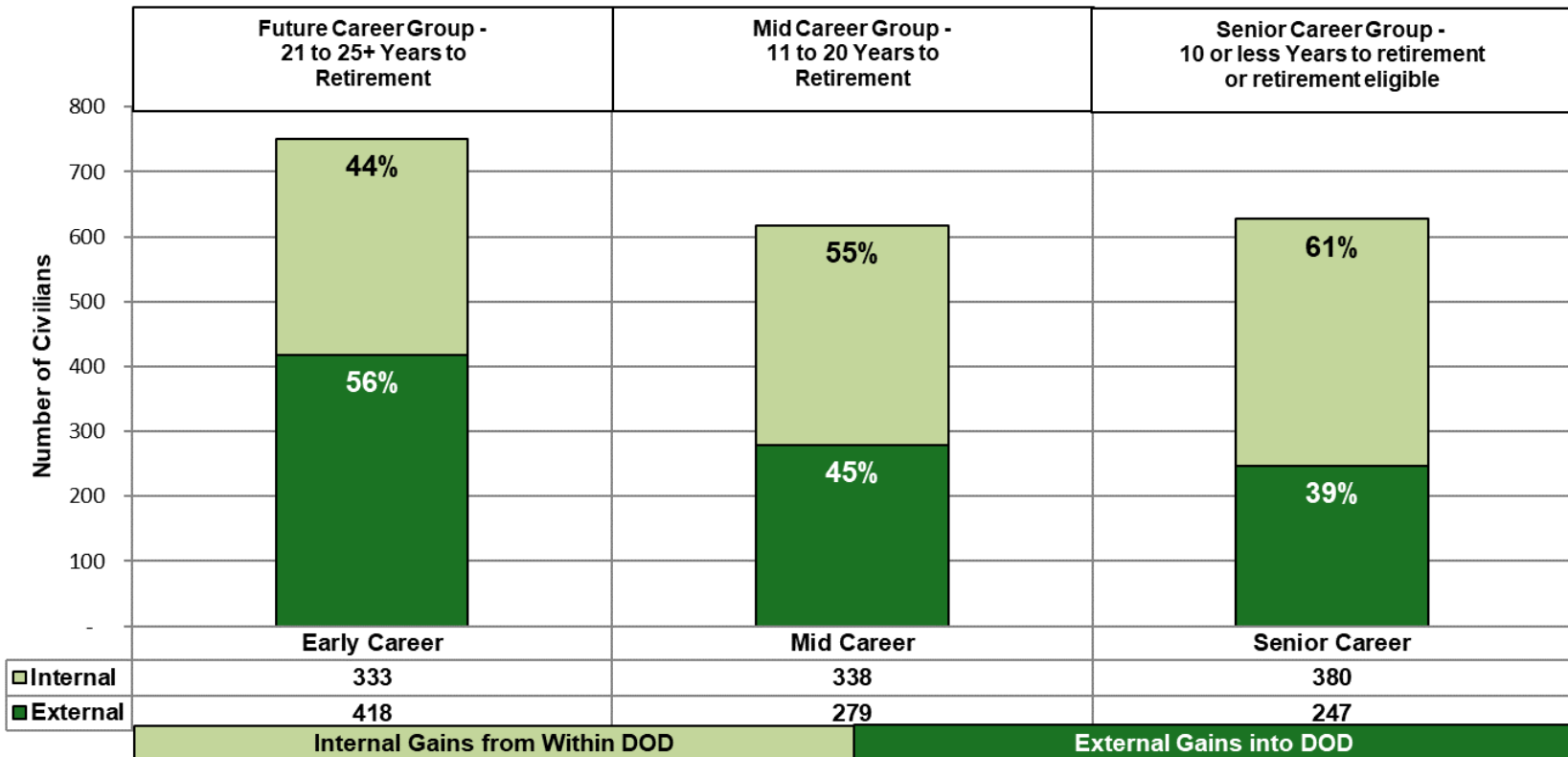
As of 31 Mar 2019



Facilities Engineering Internal/External Gains % by Career Group



Defense Acquisition Workforce (Civilian) Workforce Lifecycle FY2019Q2 Gains*



*Does not include administrative gains

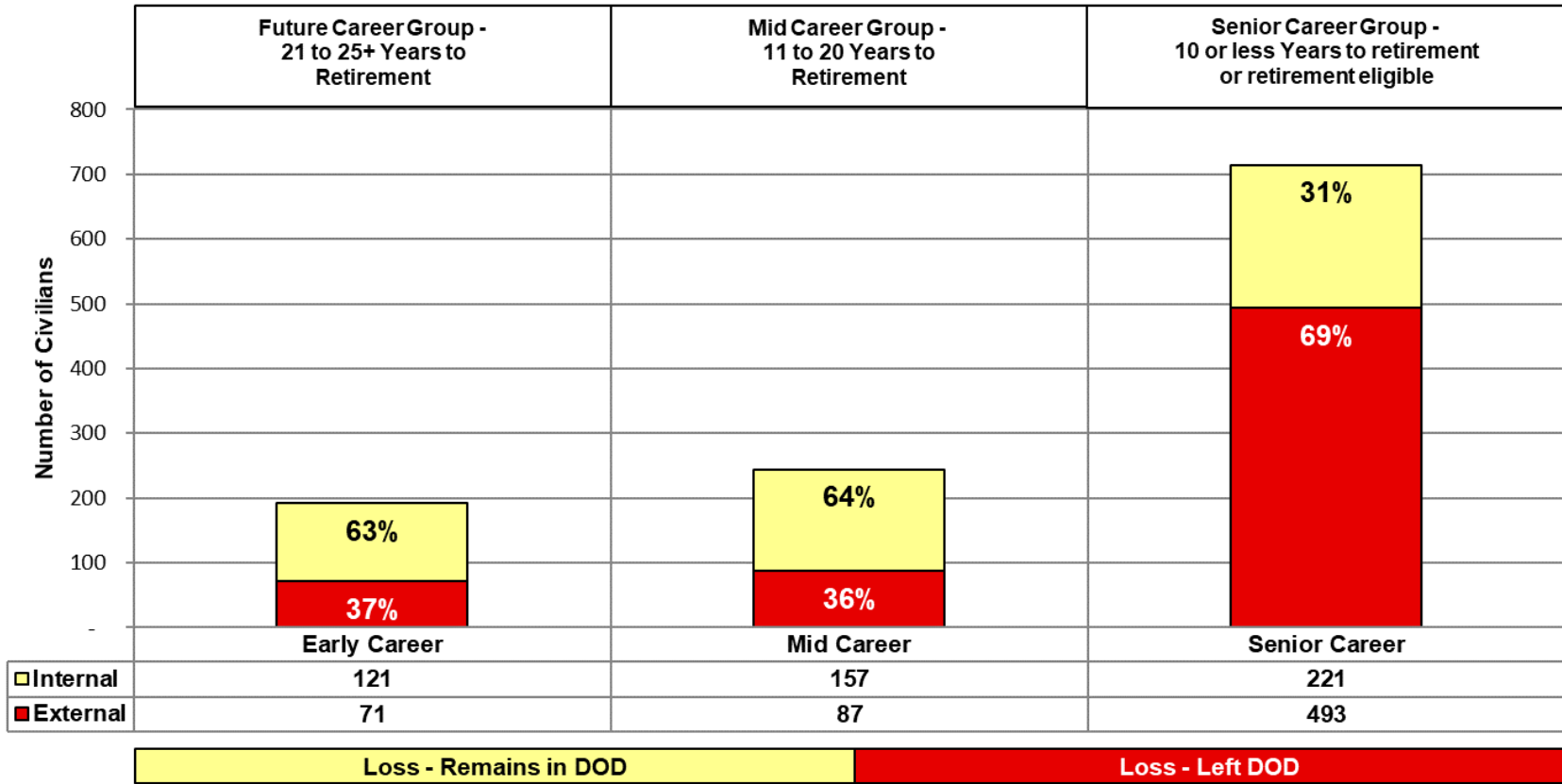


Facilities Engineering Internal/External Loss % by Career Group



Defense Acquisition Workforce (Civilian)

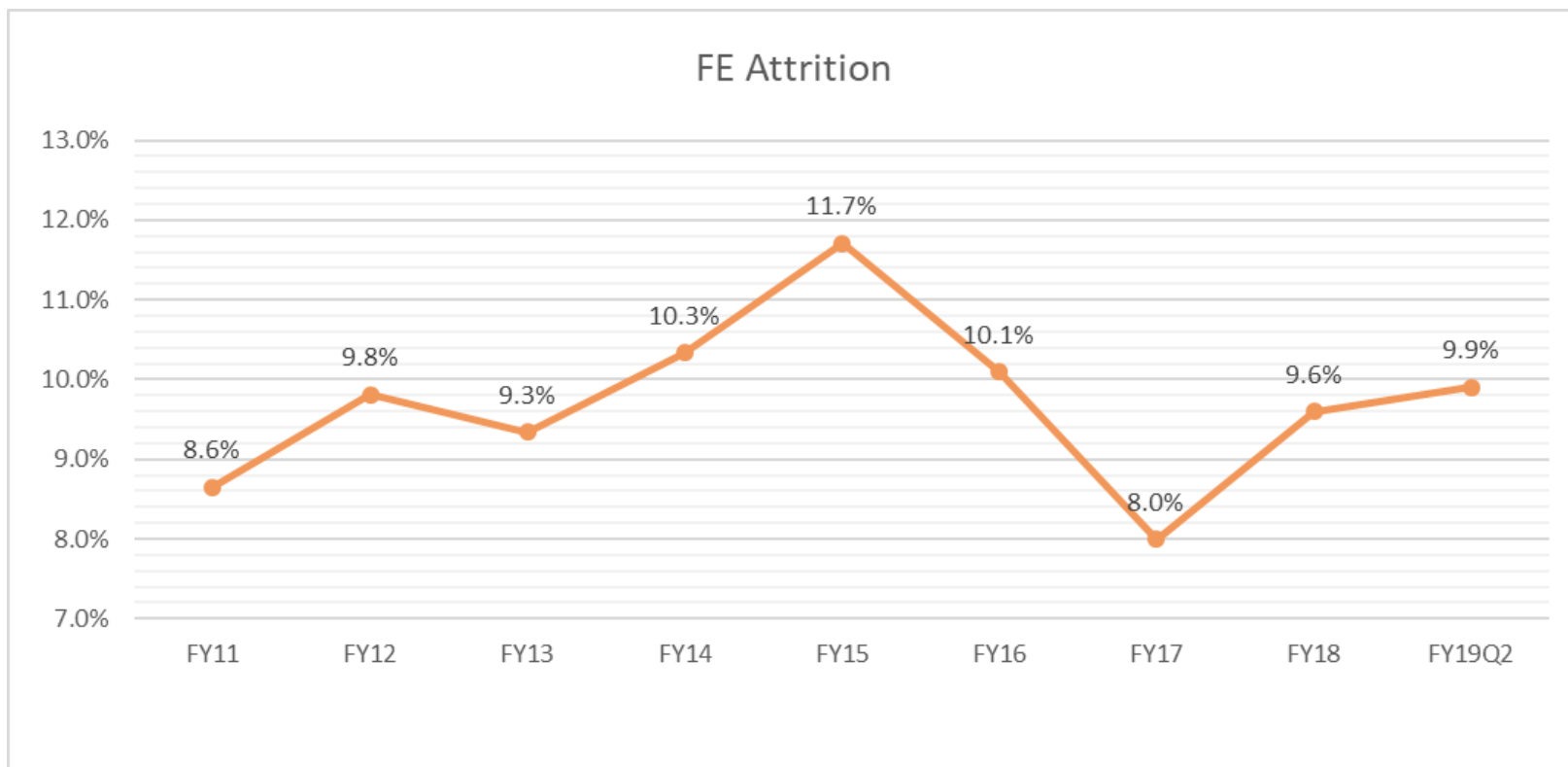
Workforce Lifecycle FY2019Q2 Losses*



*Does not include administrative losses



Annual Attrition Rates



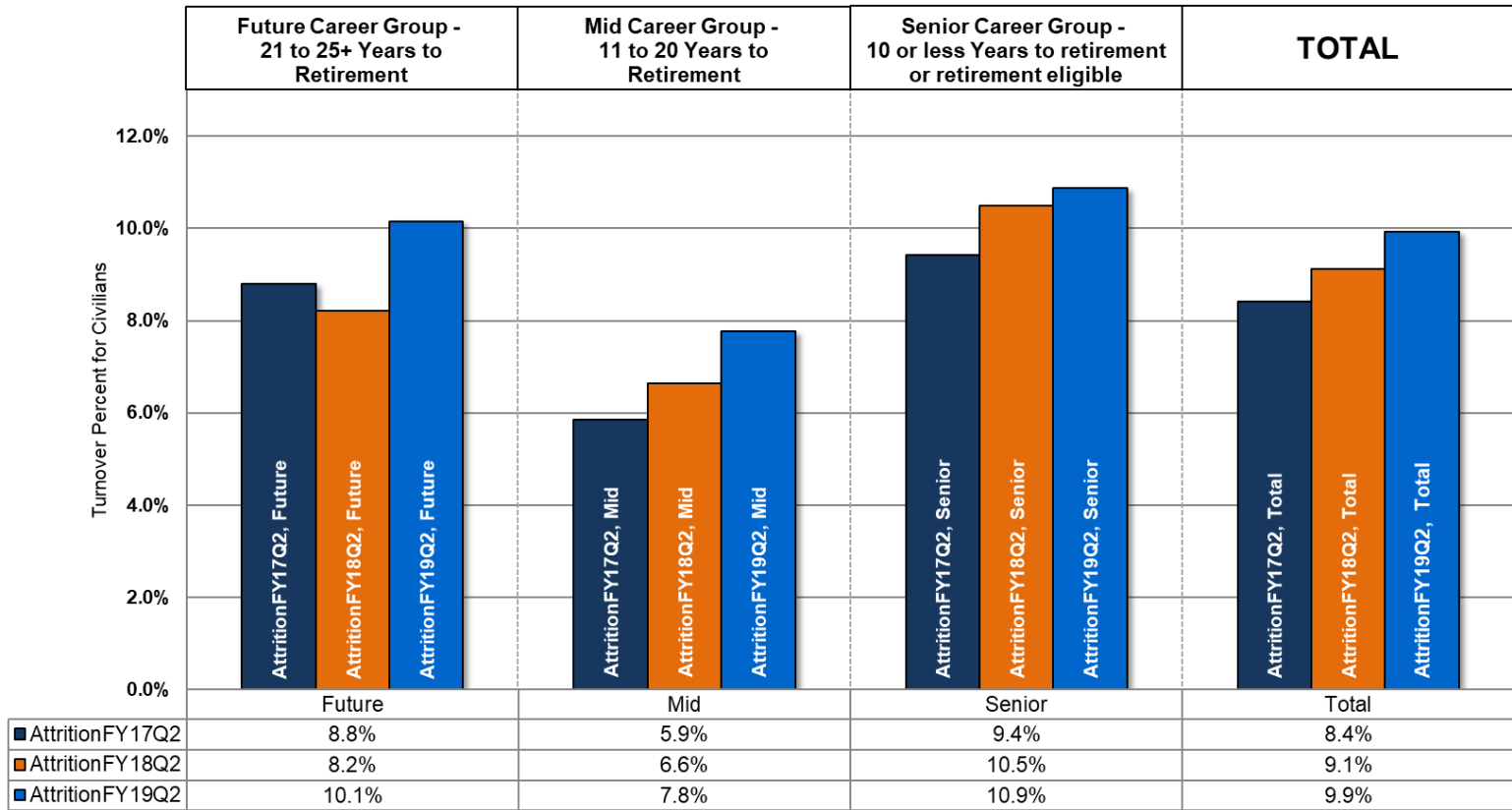
*FY19Q2 attrition rate is from the end of FY18Q2 through FY19Q2



Facilities Engineering Attrition Rates by Career Group



**Defense Acquisition Workforce Attrition, (Civilian)
(FY17Q2, FY18Q2, FY19Q2)(by Career Lifecycle Group)**

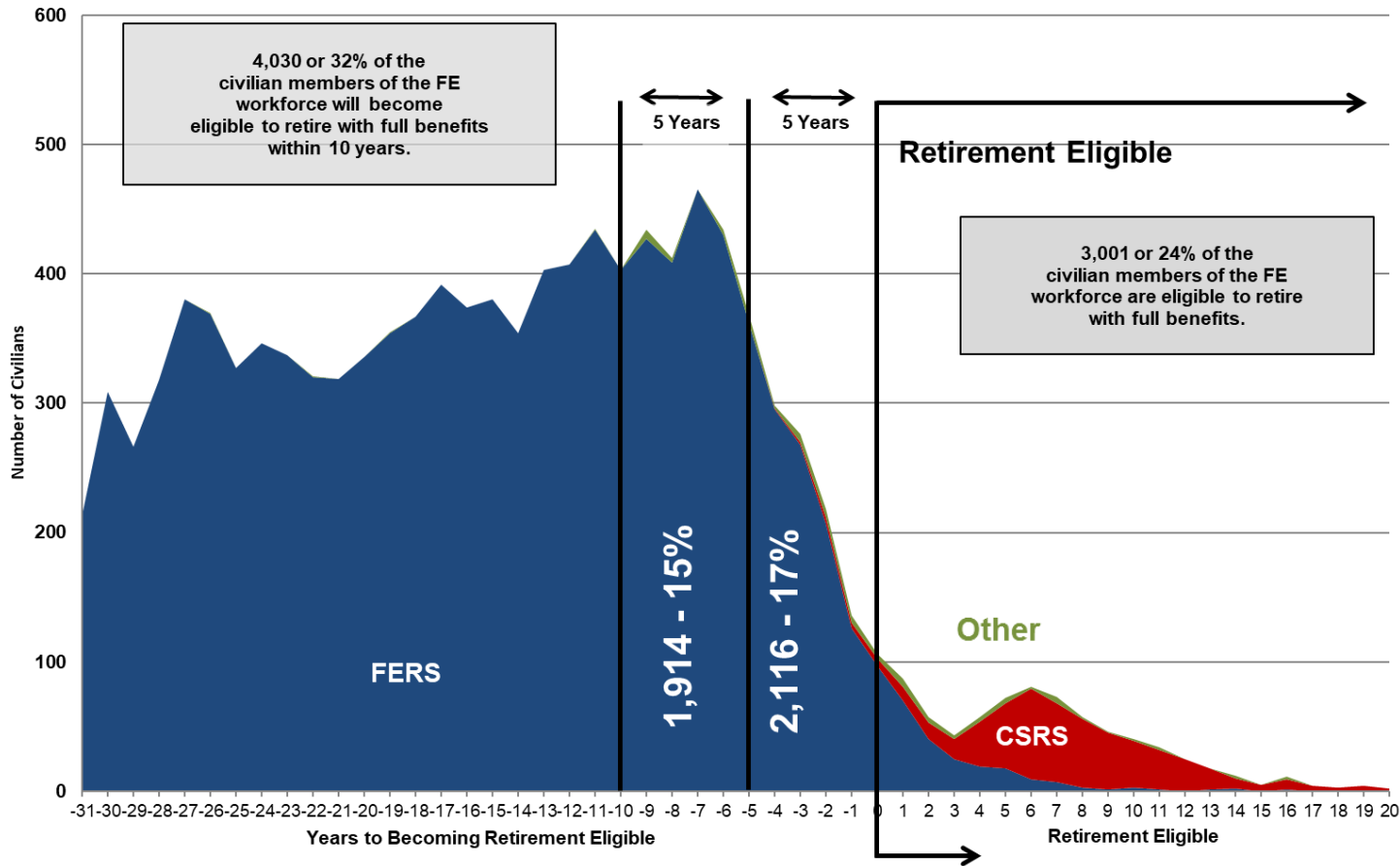




Facilities Engineering Civilian Distribution by Years to Retirement Eligibility



Defense Acquisition Workforce Distribution by Years to Retirement Eligibility (Civilians)(FY2019Q2)



As of 31 Mar 2019