



# Defense Acquisition Workforce Key Information

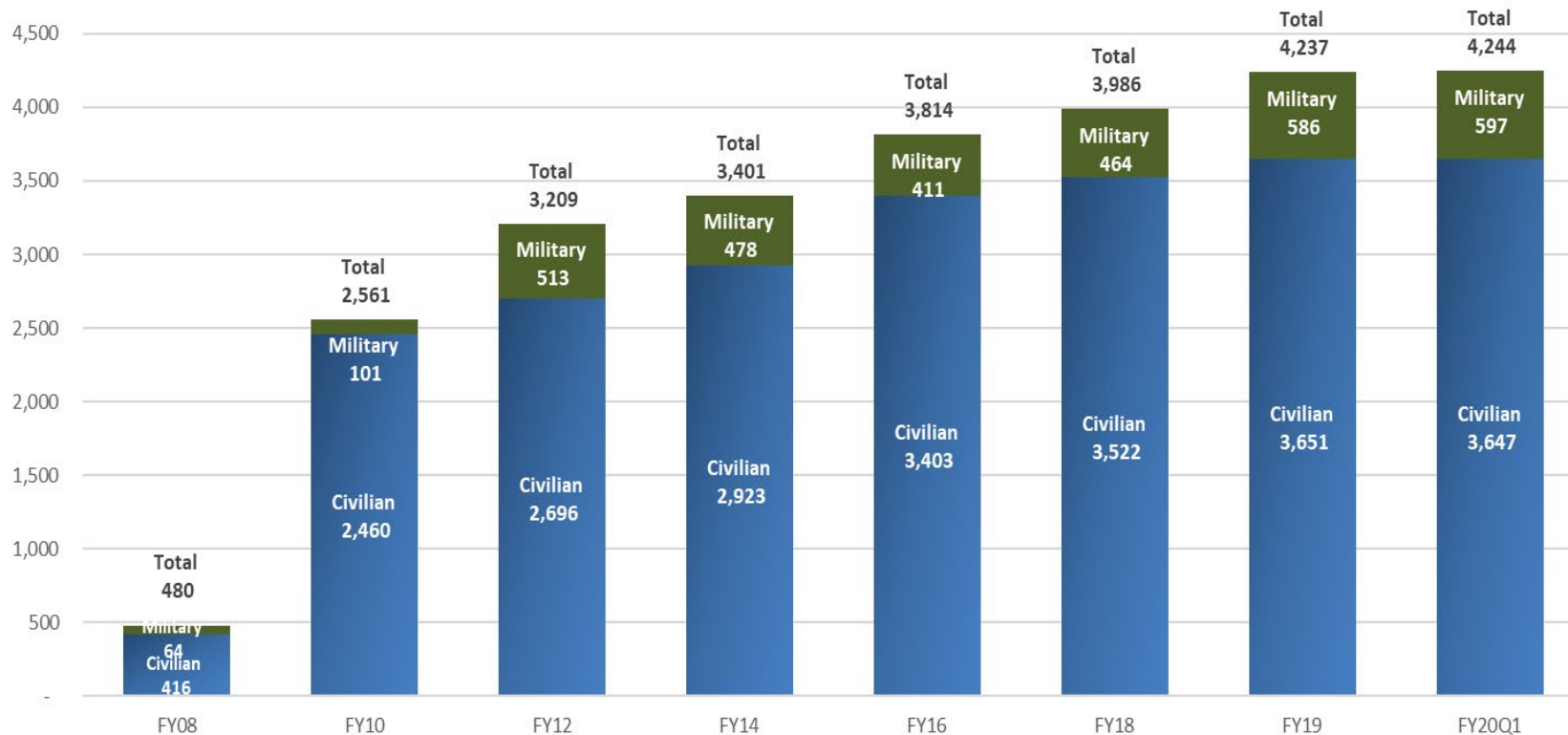
Science & Technology Manager

As of FY20Q1 (31 Dec 2019)



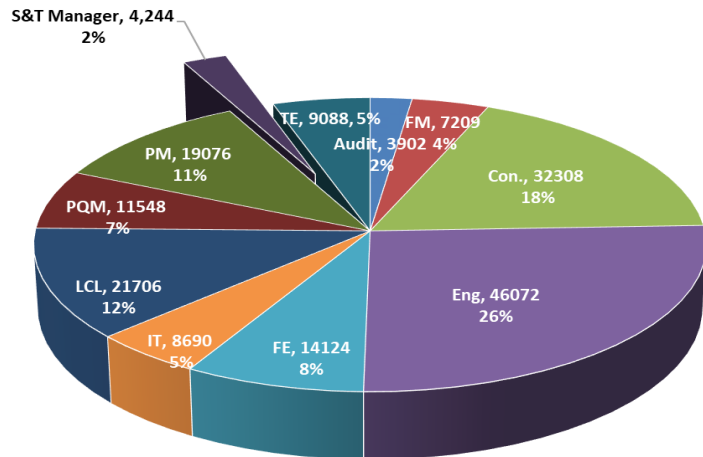
# Total Historic Workforce

S&TM





# AWF by Component and Career Field



FY2020Q1	Army	Navy	Marine Corps	Air Force	4th Estate	Totals	% Total
Auditing	-	-	-	-	3,902	3,902	2.2%
Business - CE	260	565	34	528	99	1,486	0.8%
Business - FM	1,779	2,381	178	2,243	628	7,209	4.0%
Contracting	8,533	6,405	564	8,374	8,432	32,308	17.8%
Engineering	9,189	24,334	328	10,007	2,214	46,072	25.4%
Facilities Engineering	6,494	6,749	35	741	105	14,124	7.8%
Information Technology	1,973	3,816	226	1,524	1,151	8,690	4.8%
Life Cycle Logistics	6,880	6,680	684	3,918	3,544	21,706	12.0%
Production, Quality and Man	1,391	3,908	25	489	5,735	11,548	6.4%
Program Management	3,539	5,904	786	6,868	1,979	19,076	10.5%
Property	56	72	-	20	295	443	0.2%
Purchasing	246	381	31	43	484	1,185	0.7%
S&T Manager	687	528	3	2,883	143	4,244	2.3%
Test and Evaluation	1,933	3,255	135	3,401	364	9,088	5.0%
Unknown/Other	7	2	1	5	8	23	0.0%
Totals	42,967	64,980	3,030	41,044	29,083	181,104	
Component %	24.1%	36.5%	1.7%	23.0%	16.3%		



# S&T Manager Workforce Historical Size by Agency FY08 – FY19

S&T Manager Defense Acq Workforce Agency	FY08	FY10	FY12	FY14	FY16	FY18	FY19	% Change Since FY08	% Change Since FY18
AIR FORCE	43	1,873	2,390	2,559	2,708	2,841	2,880	6598%	1%
NAVY	190	303	385	431	537	507	526	177%	4%
MARINE CORPS	1	8	3	3	2	3	4	300%	33%
ARMY	143	238	247	290	447	503	685	379%	36%
DTRA	93	122	111	99	101	121	131	41%	8%
DLA	1	2	4	6	5	4	3	200%	-25%
MDA	1	1	4	2	2	2	2	100%	0%
DCMA	6	11	11	6	4	-	-	-100%	
DHA	-	-	-	-	1	1	1		0%
DAU	1	1	1	1	1	1	2	100%	100%
NRO	-	-	-	-	2	-	-		
OSD	-	1	-	1	1	1	2		100%
JCS	-	-	2	2	2	1	1		0%
ASD	-	-	1	1	1	1	-		-100%
<b>TOTAL</b>	<b>479</b>	<b>2,560</b>	<b>3,159</b>	<b>3,401</b>	<b>3,814</b>	<b>3,986</b>	<b>4,237</b>	<b>↑ 785%</b>	<b>↑ 6%</b>



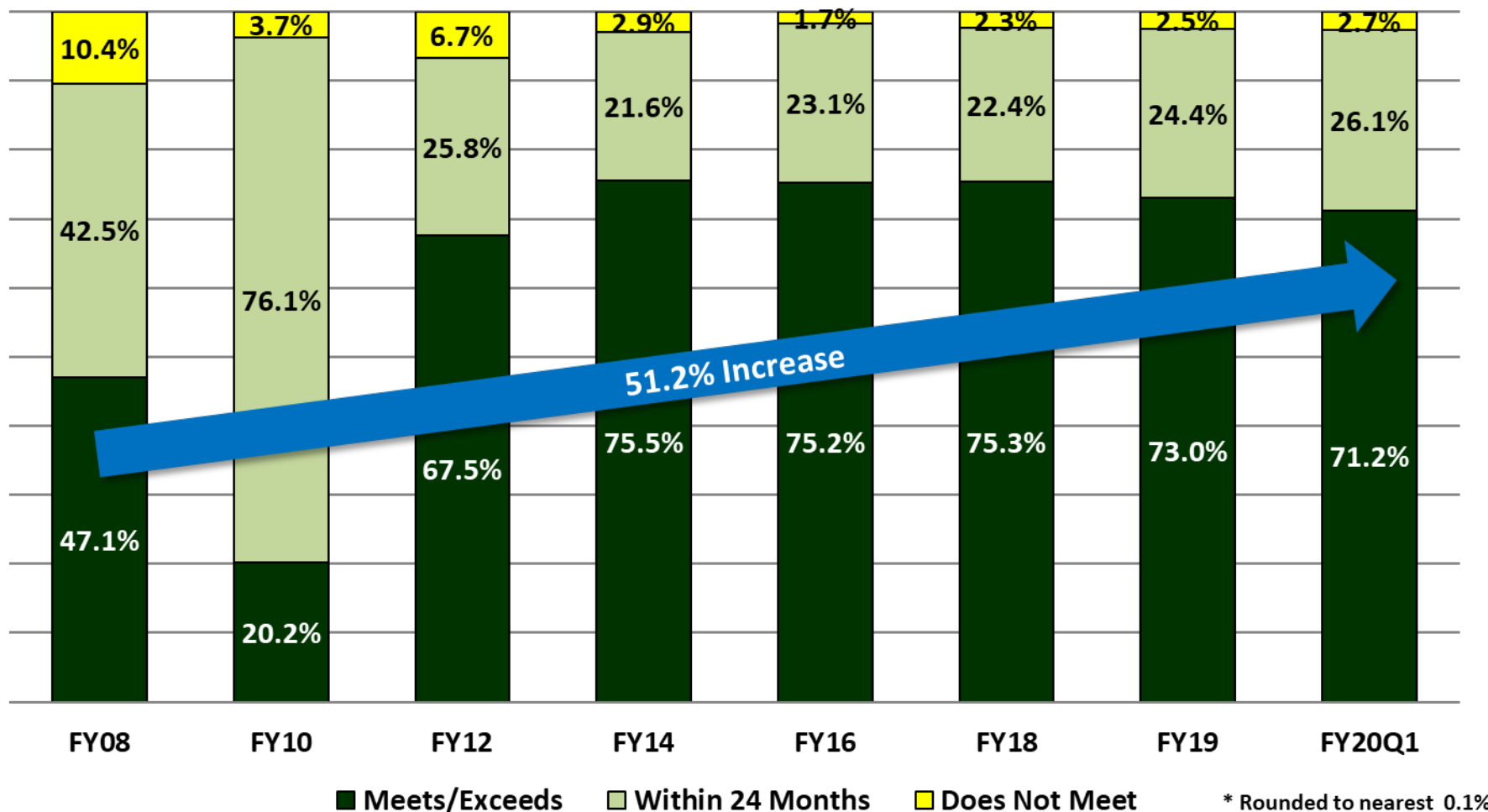
# S&T Manager Workforce Historical (Quarterly) Size by Agency

S&T Manager Defense Acq Workforce Agency	FY17Q4	FY18Q1	FY18Q2	FY18Q3	FY18Q4	FY19Q1	FY19Q2	FY19Q3	FY19Q4	FY20Q1	% Change Since FY18Q4
AIR FORCE	2,806	2,668	2,830	2,851	2,841	2,849	2,854	2,818	2,880	2,883	1%
NAVY	495	515	514	508	507	517	518	526	526	528	4%
MARINE CORPS	4	4	4	3	3	3	4	4	4	3	0%
ARMY	463	469	475	497	503	505	489	513	685	687	37%
DTRA	102	103	105	106	121	122	127	127	131	134	11%
DLA	4	4	4	3	4	4	3	3	3	2	-50%
MDA	2	2	2	2	2	2	2	2	2	1	-50%
DCMA	3	3	1	1	-	1	-	-	-	-	
DHA	1	1	1	1	1	1	1	1	1	1	0%
DAU	1	1	1	1	1	1	1	2	2	2	100%
NRO	2	2	2	1	-	-	-	-	-	-	
OSD	1	1	1	1	1	1	-	-	2	-	-100%
JCS	2	2	1	1	1	1	1	1	1	1	0%
ASD	1	1	1	1	1	1	-	-	-	-	-100%
TOTAL	3,887	3,776	3,942	3,977	3,986	4,008	4,000	3,997	4,237	4,242	↑ 6%



## S&T Manager Historical DAWIA Certification FY08 – FY2020

### S&T Manager

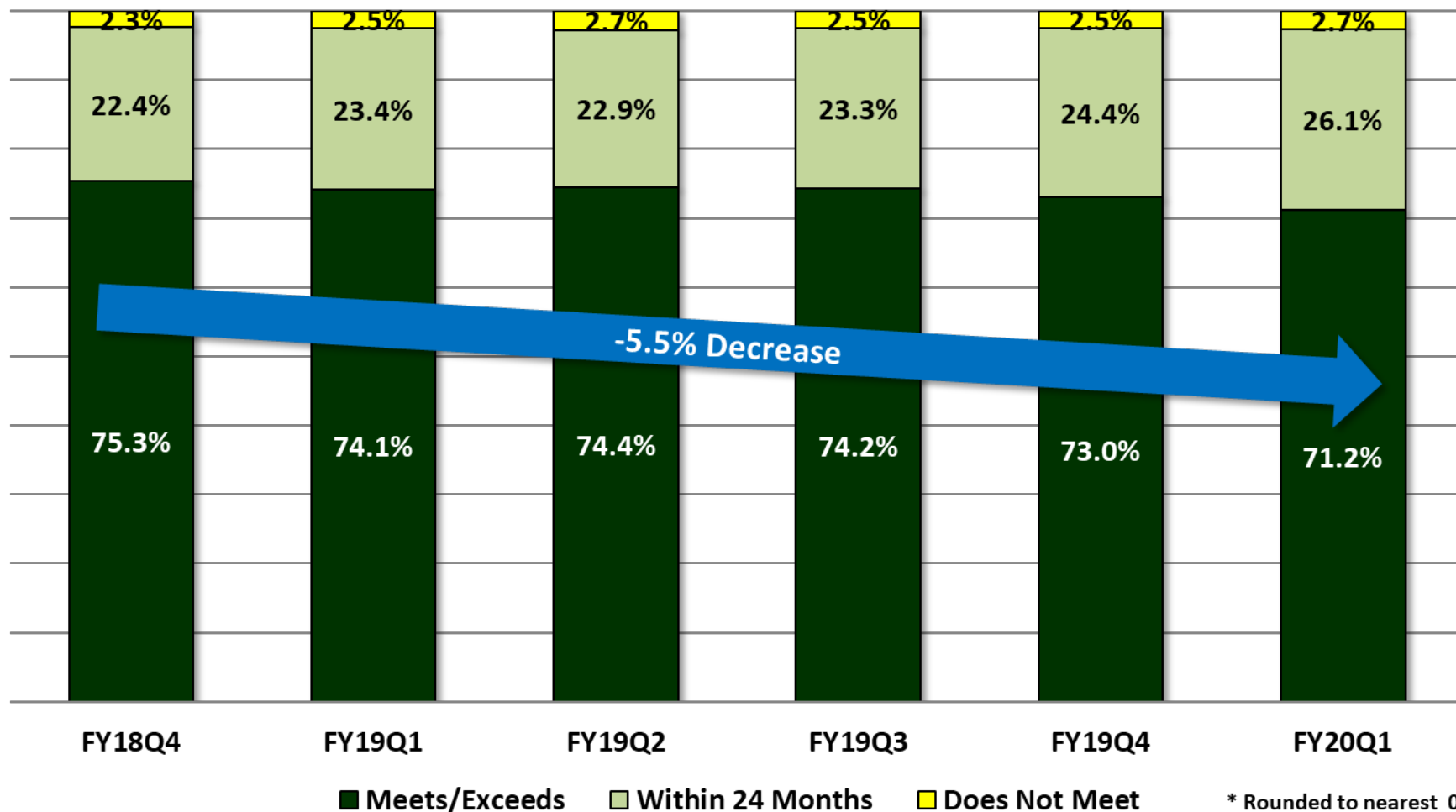


51.2% Increase



## S&T Manager Historical (Quarterly) DAWIA Certification

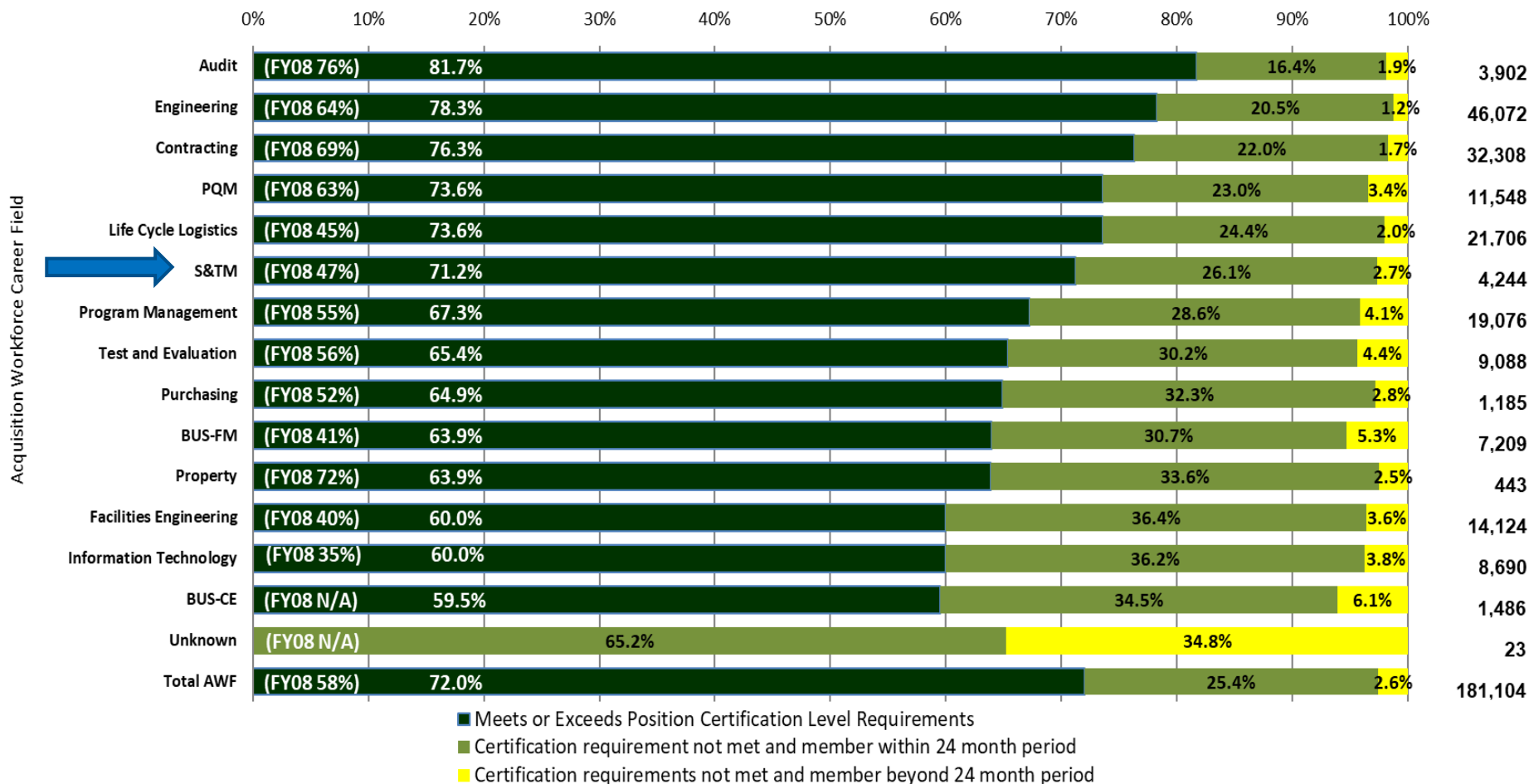
### S&T Manager





# DAWIA Certification by Career Field

## Certification Level "Meet/Exceed" Rates by Career Field AWF (FY20Q1)

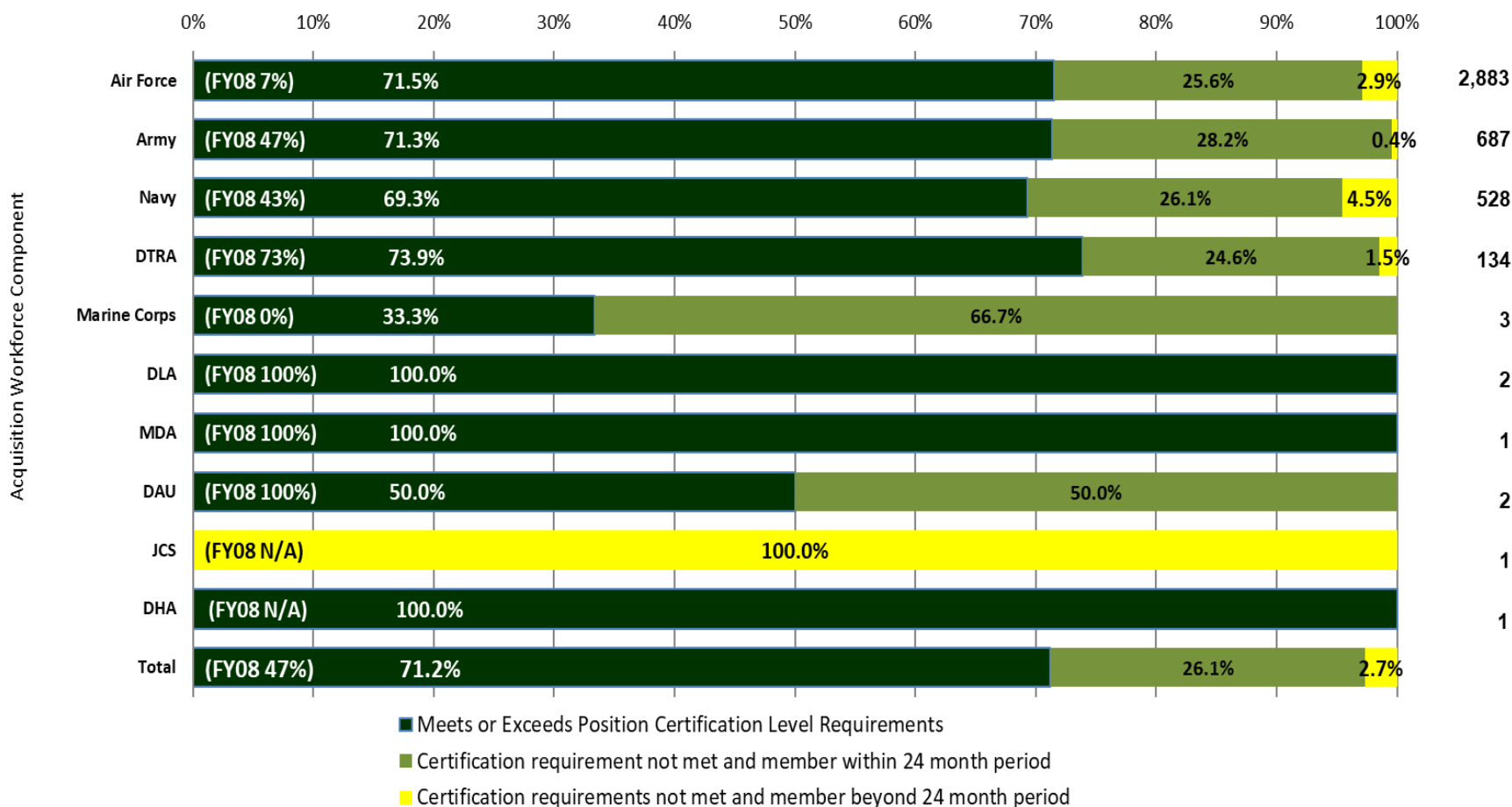






# S&T Manager DAWIA Certification by Component

## Certification Level "Meet/Exceed" Rates by Component S&TM (FY20Q1)





# S&T Manager DAWIA Certification Matrix + Bench Strength



Required Certification Level	Achieved Certification Level				FY2020Q1 TOTAL	% Meets Certification Requirement
	No Level Achieved	Level I	Level II	Level III		
Level I	215	264	68	55	602	64.3%
Level II	343	223	741	282	1,589	64.4%
Level III	219	62	160	1,612	2,053	78.5%
Unspecified	-	-	-	-	-	
<b>FY2020Q1 TOTAL</b>	<b>777</b>	<b>549</b>	<b>969</b>	<b>1,949</b>	<b>4,244</b>	<b>71.2%</b>
	18.3%	12.9%	22.8%	45.9%		

No Level Achieved includes those within the 24 month grace period

Bench Strength			
Org	# Meet or Exceeds	% Meets or Exceeds*	Career Field Rank
DAW	130,398	72.0%	
Army	32,897	76.6%	
Navy	46,049	70.9%	
Marine Corp	1,999	66.0%	
Air Force	27,019	65.8%	
4th Estate	22,434	77.1%	
<b>S&amp;TM</b>	<b>3,022</b>	<b>71.2%</b>	<b>4 of 14</b>

\*\* Based on population total without unspecified positions

Certification Requirement	Meets	Within 24 Months	Does Not Meet	DAW TOTAL	
Level I	387	202	13	602	14.2%
Level II	1,023	522	44	1,589	37.4%
Level III	1,612	384	57	2,053	48.4%
Unspecified	-	-	-	-	0.0%
<b>S&amp;TM TOTAL</b>	<b>3,022</b>	<b>1,108</b>	<b>114</b>	<b>4,244</b>	
	71.2%	26.1%	2.7%		

= Compliance

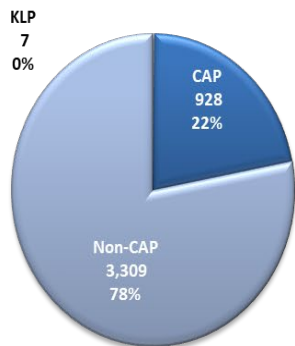
= Exceeds Requirements

\* NOTE: Rounded to nearest 0.1%

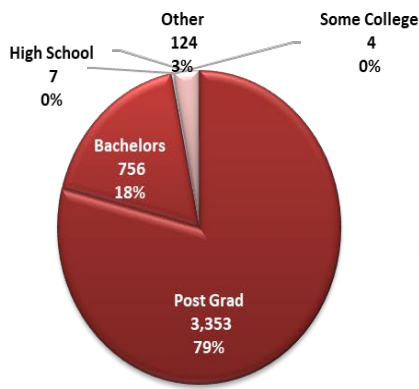


## S&T Manager Demographics

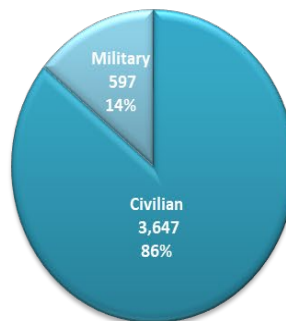
KLP - CAP - Non-CAP



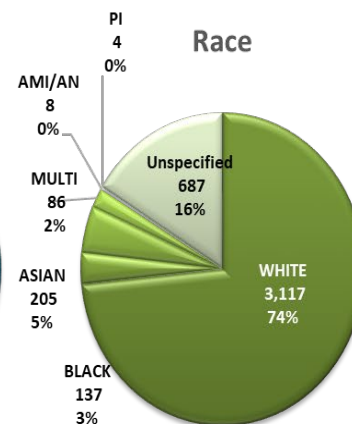
Education



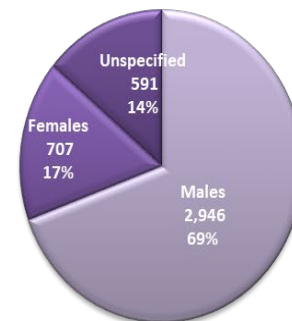
Civilian / Military



Race



Gender



Occupied Position Type	S&TM TOTAL		Entire AWF	
Key Leadership Positions (KLPs)	7	0.2%	1,238	0.7%
Critical Acquisition Positions (CAPs) *	928	21.9%	16,971	9.4%
Non-CAP Positions	3,309	78.0%	162,896	89.9%
Unknown	-	0.0%	-	0.0%
<b>TOTAL</b>	<b>4,244</b>		<b>181,105</b>	

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

Highest Level of Education	S&TM TOTAL		Entire AWF	
Post Grad	3,353	79.0%	71,052	39.2%
Bachelors	756	17.8%	77,690	42.9%
Some College	4	0.1%	12,228	6.8%
High School	7	0.2%	12,785	7.1%
Other	124	2.9%	7,350	4.1%
<b>TOTAL</b>	<b>4,244</b>		<b>181,105</b>	

Type	S&TM TOTAL		Entire AWF	
Civilian	3,647	85.9%	164,902	91.1%
Military	597	14.1%	16,201	8.9%
<b>TOTAL</b>	<b>4,244</b>		<b>181,103</b>	

Race	S&TM TOTAL		Entire DAW	
WHITE	3,117	73.4%	128,458	70.9%
BLACK	137	3.2%	21,174	11.7%
ASIAN	205	4.8%	12,209	6.7%
MULTI	86	2.0%	5,659	3.1%
AMI/AN	8	0.2%	1,214	0.7%
PI	4	0.1%	949	0.5%
Unspecified	687	16.2%	11,442	6.3%
<b>TOTAL</b>	<b>4,244</b>		<b>181,105</b>	

Gender	S&TM TOTAL		Entire DAW	
Males	2,946	69.4%	123,123	68.0%
Females	707	16.7%	51,093	28.2%
Unspecified	591	13.9%	6,889	3.8%
<b>TOTAL</b>	<b>4,244</b>		<b>181,105</b>	



## S&T Manager Size by Occupational Series

Civilian Occupational Series	S&TM TOTAL	
0855 - Engineer, Electronics	667	18.3%
0801 - Engineer, General	544	14.9%
0861 - Engineer, Aerospace	356	9.8%
1550 - Computer Scientist	230	6.3%
0830 - Engineer, Mechanical	218	6.0%
1310 - Physicist	205	5.6%
0806 - Engineer, Materials	206	5.6%
1301 - Physical Scientist, General	201	5.5%
0854 - Engineer, Computers	123	3.4%
Other	897	24.6%
<b>TOTAL CIVILIAN</b>	<b>3,647</b>	<b>Civilians</b>