



# Defense Acquisition Workforce Key Information

Science & Technology Manager

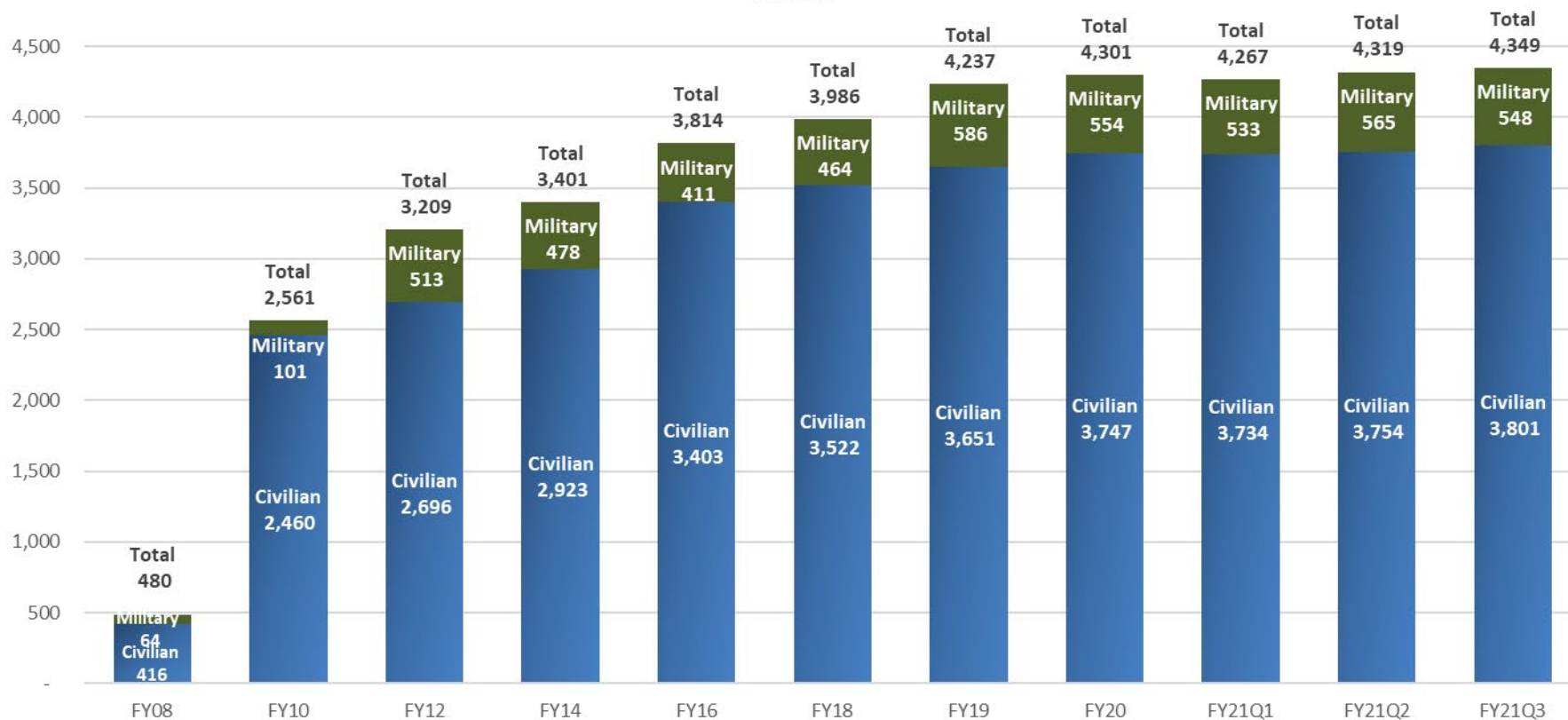
As of FY21Q3 (30 June 2021)



# Total Historic Workforce



## S&TM





# AWF by Component and Career Field

FY2021Q3	Army	Navy	Marine Corps	Air Force	4th Estate	Totals	% Total
Auditing	-	-	-	16	3,652	3,668	2%
Business - CE	246	542	35	558	111	1,492	1%
Business - FM	1,822	2,524	183	2,401	639	7,569	4%
Contracting	9,008	6,598	616	9,002	8,143	33,367	18%
Engineering	9,313	24,963	330	10,724	2,087	47,417	25%
Facilities Engineering	6,879	7,044	49	837	112	14,921	8%
Information Technology	2,093	4,151	230	1,629	1,018	9,121	5%
Life Cycle Logistics	7,030	7,062	600	4,353	3,499	22,544	12%
Production, Quality and Man	1,368	3,998	23	529	5,346	11,264	6%
Program Management	3,659	6,437	780	7,264	1,884	20,024	11%
Property	55	77	1	19	264	416	0%
Purchasing	245	378	28	48	454	1,153	1%
<b>S&amp;T Manager</b>	<b>659</b>	<b>565</b>	<b>1</b>	<b>2,969</b>	<b>155</b>	<b>4,349</b>	<b>2%</b>
Test and Evaluation	1,980	3,179	116	3,525	368	9,168	5%
Unknown/Other	9	1	1	21	19	51	0%
<b>Totals</b>	<b>44,366</b>	<b>67,519</b>	<b>2,993</b>	<b>43,898</b>	<b>27,751</b>	<b>186,527</b>	
<b>Component %</b>	<b>23.8%</b>	<b>36.2%</b>	<b>1.6%</b>	<b>23.5%</b>	<b>14.9%</b>		



# S&T Manager Workforce Historical Size by Agency FY08 – FY21Q3



S&T Manager Defense Acq Workforce Agency	FY08	FY10	FY12	FY14	FY15	FY16	FY18	FY19	FY20	FY21Q1	FY21Q2	FY21Q3
AIR FORCE	43	1,873	2,390	2,559	2,674	2,708	2,841	2,880	2,928	2,904	2,951	2,969
NAVY	190	303	385	431	482	537	507	526	550	549	558	565
MARINE CORPS	1	8	3	3	2	2	3	4	1	1	1	1
ARMY	143	238	247	290	393	447	503	685	664	660	655	659
DTRA	93	122	111	99	107	101	121	131	143	137	137	138
DLA	1	2	4	6	9	5	4	3	3	2	2	2
MDA	1	1	4	2	4	2	2	2	1	1	1	1
DCMA	6	11	11	6	4	4	-	-	-	-	-	-
DHA	-	-	-	-	1	1	1	1	1	2	2	2
DAU	1	1	1	1	1	1	1	2	2	2	1	1
NRO	-	-	-	-	-	2	-	-	-	-	-	-
OSD	-	1	-	1	1	1	1	2	7	8	10	10
JCS	-	-	2	2	2	2	1	1	1	1	1	1
ASD	-	-	1	1	1	1	1	-	-	-	-	-
<b>TOTAL</b>	<b>479</b>	<b>2,560</b>	<b>3,159</b>	<b>3,401</b>	<b>3,681</b>	<b>3,814</b>	<b>3,986</b>	<b>4,237</b>	<b>4,301</b>	<b>4,267</b>	<b>4,319</b>	<b>4,349</b>

% Change Since FY08	% Change Since FY15	% Change Since FY20
6805%	11%	1%
197%	17%	3%
0%	-50%	0%
361%	68%	-1%
48%	29%	-3%
100%	-78%	-33%
0%	-75%	0%
-100%	-100%	
	100%	100%
0%	0%	-50%
	900%	43%
	-50%	0%
	-100%	
↑ 808%	↑ 18%	↑ 1%



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



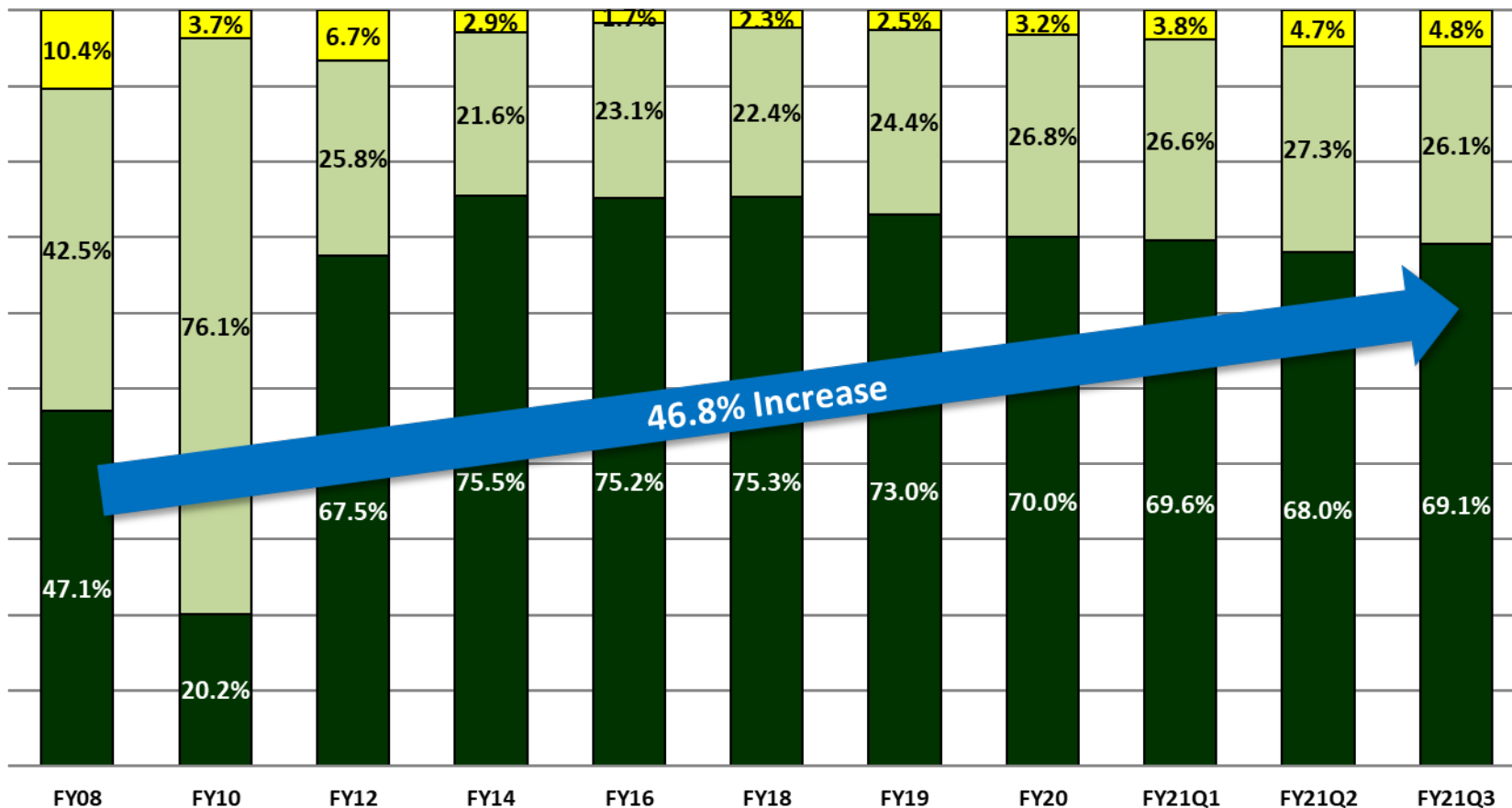
S&T Manager Defense Acq Workforce Agency	FY17Q4	FY18Q1	FY18Q2	FY18Q3	FY18Q4	FY19Q1	FY19Q2	FY19Q3	FY19Q4	FY20Q1	FY20Q2	FY20Q3	FY20Q4	FY21Q1	FY21Q2	FY21Q3	% Change Since FY20Q3
AIR FORCE	2,806	2,668	2,830	2,851	2,841	2,849	2,854	2,818	2,880	2,883	2,868	2,916	2,928	2,904	2,951	2,969	4%
NAVY	495	515	514	508	507	517	518	526	526	528	541	534	550	549	558	565	4%
MARINE CORPS	4	4	4	3	3	3	4	4	4	3	3	3	1	1	1	1	-67%
ARMY	463	469	475	497	503	505	489	513	685	687	683	676	664	660	655	659	-4%
DTRA	102	103	105	106	121	122	127	127	131	134	131	137	143	137	137	138	5%
DLA	4	4	4	3	4	4	3	3	3	2	3	2	3	2	2	2	-33%
MDA	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	0%
DCMA	3	3	1	1	-	1	-	-	-	-	-	1	-	-	-	-	
DHA	1	1	1	1	1	1	1	1	1	1	-	-	1	2	2	2	
DAU	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	-50%
NRO	2	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-	
OSD	1	1	1	1	1	1	-	-	2	2	1	6	7	8	10	10	900%
JCS	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0%
ASD	1	1	1	1	1	1	-	-	-	-	-	-	-	-	-	-	
<b>TOTAL</b>	<b>3,887</b>	<b>3,776</b>	<b>3,942</b>	<b>3,977</b>	<b>3,986</b>	<b>4,008</b>	<b>4,000</b>	<b>3,997</b>	<b>4,237</b>	<b>4,244</b>	<b>4,234</b>	<b>4,279</b>	<b>4,301</b>	<b>4,267</b>	<b>4,319</b>	<b>4,349</b>	<b>↑ 3%</b>



# S&T Manager Historical DAWIA Certification FY08 – FY21Q3



## S&T Manager



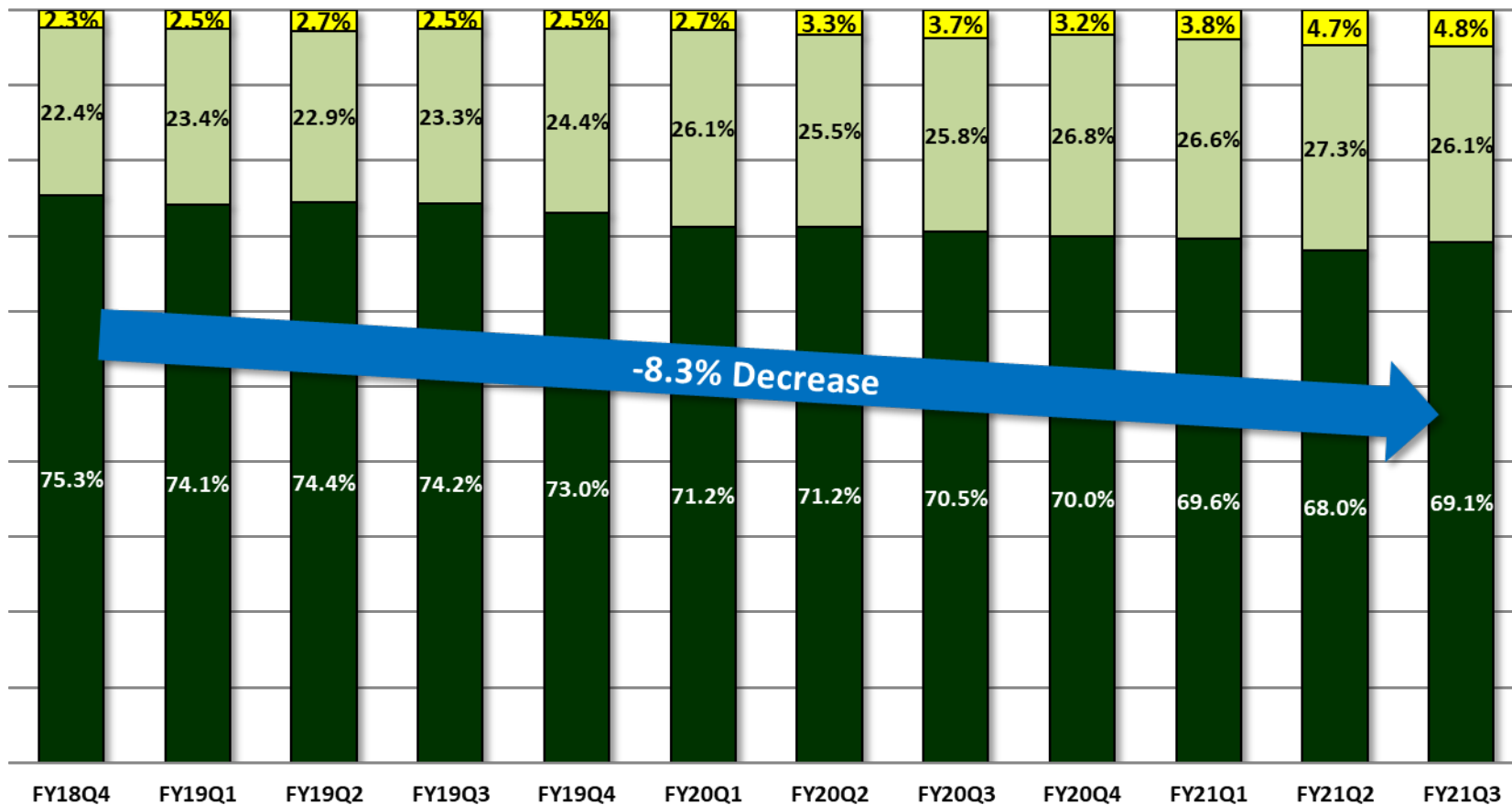
Meets/Exceeds
  Within 24 Months
  Does Not Meet
 \* Rounded to nearest 0.1%



# S&T Manager Historical (Quarterly) DAWIA Certification



## S&T Manager



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

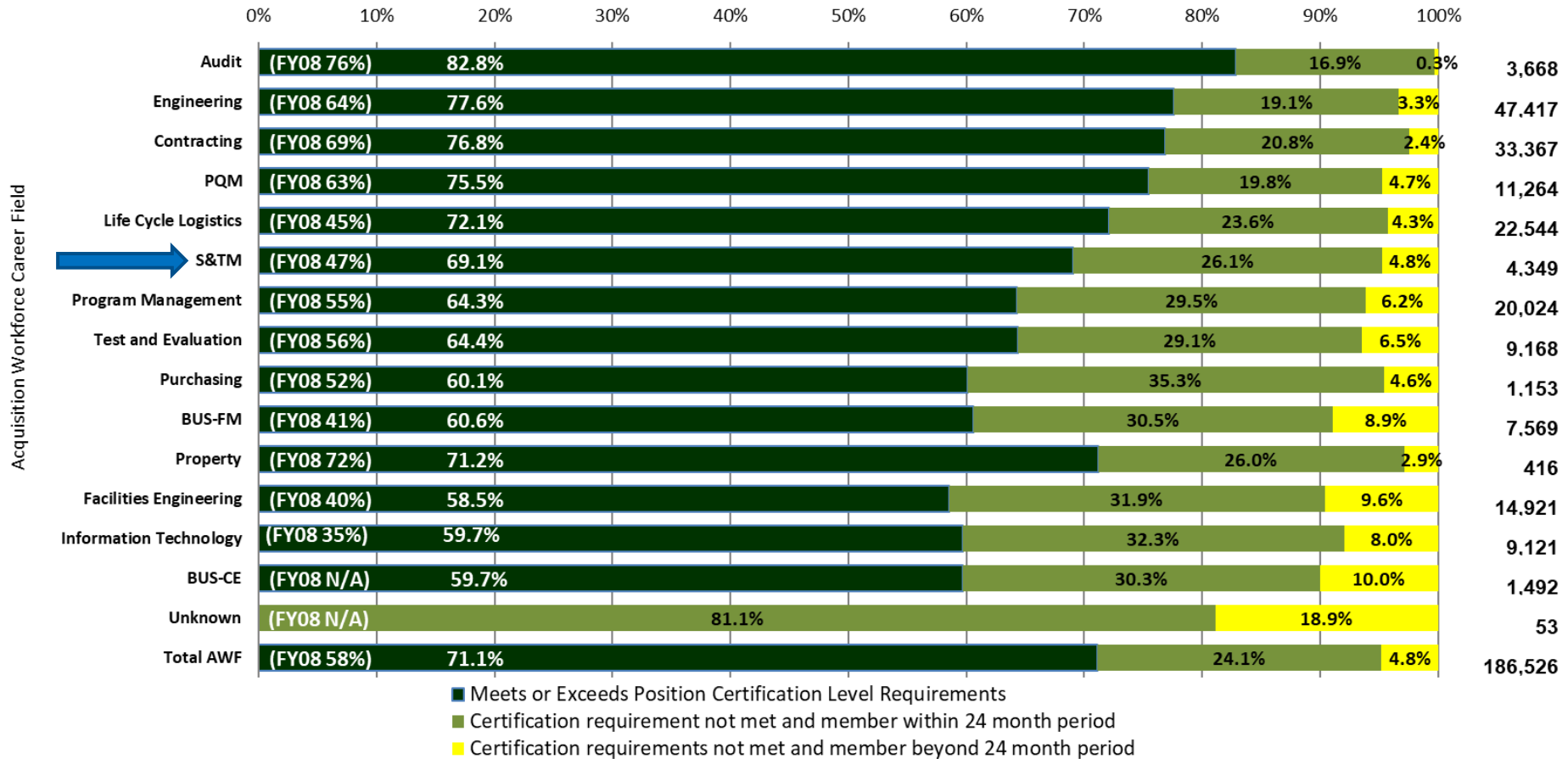
-8.3% Decrease



# DAWIA Certification by Career Field



## Certification Level "Meet/Exceed" Rates by Career Field AWF (FY21Q3)



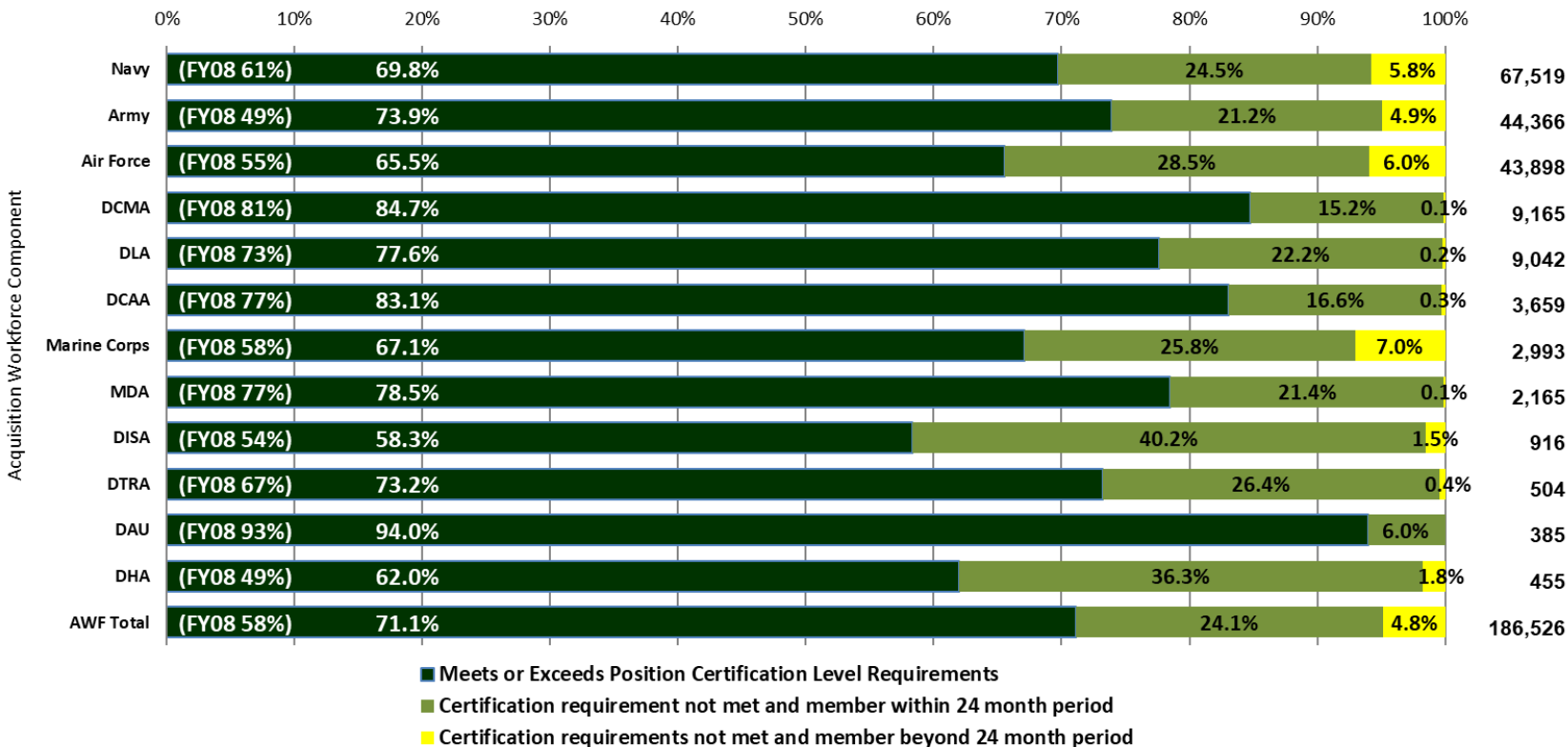




# S&T Manager DAWIA Certification by Component



## Certification Level "Meet/Exceed" Rates by Component AWF (FY21Q3)





# S&T Manager DAWIA Certification Matrix + Bench Strength



S&TM

Required Certification Level	Achieved Certification Level				FY2021Q3 TOTAL	% Meets Certification Requirement
	No Level Achieved	Level I	Level II	Level III		
Level I	196	243	46	37	522	62.5%
Level II	364	248	769	270	1,651	62.9%
Level III	247	98	191	1,640	2,176	75.4%
<i>Unspecified</i>	-	-	-	-	-	
<b>FY2021Q3 TOTAL</b>	<b>807</b>	<b>589</b>	<b>1,006</b>	<b>1,947</b>	<b>4,349</b>	<b>69.1%</b>
	18.6%	13.5%	23.1%	44.8%		

No Level Achieved includes those within the 24 month grace period

Bench Strength			
Org	# Meet or Exceeds	% Meets or Exceeds*	Career Field Rank
DAW	132,683	71.1%	
Army	32,787	73.9%	
Navy	47,095	69.8%	
Marine Cor	2,009	67.1%	
Air Force	28,769	65.5%	
4th Estate	22,023	79.4%	
<b>S&amp;TM</b>	<b>3,005</b>	<b>69.1%</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	326	185	11	522	12.0%
Level II	1,039	528	84	1,651	38.0%
Level III	1,640	423	113	2,176	50.0%
<i>Unspecified</i>	-	-	-	-	0.0%
<b>S&amp;TM TOTAL</b>	<b>3,005</b>	<b>1,136</b>	<b>208</b>	<b>4,349</b>	
	69.1%	26.1%	4.8%		

= Compliance

= Exceeds Requirements

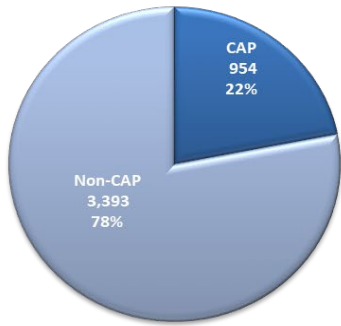
\* NOTE: Rounded to nearest 0.1%



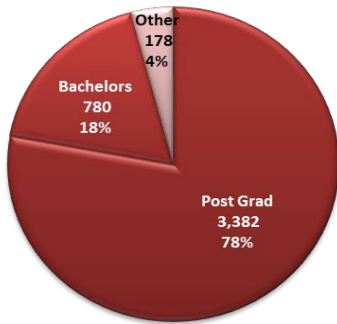
# S&T Manager Demographics



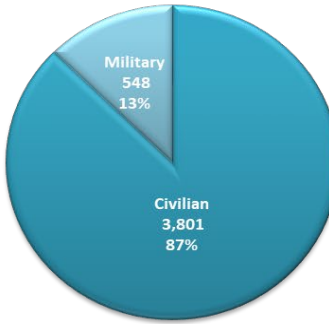
KLP - CAP - Non-CAP



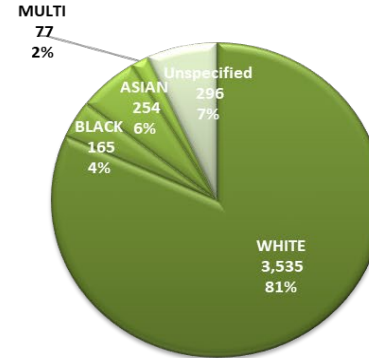
Education



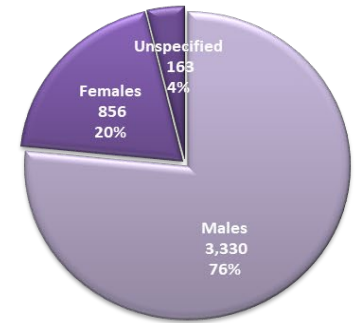
Civilian / Military



Race



Gender



Occupied Position Type	S&TM TOTAL	Entire AWF
Key Leadership Positions (KLPs)	2	0.0%
Critical Acquisition Positions (CAPs) *	954	21.9%
Non-CAP Positions	3,393	78.0%
Unknown	-	0.0%
<b>TOTAL</b>	<b>4,349</b>	<b>186,527</b>

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

Race	S&TM TOTAL	Entire DAW
WHITE	3,535	81.3%
BLACK	165	3.8%
ASIAN	254	5.8%
MULTI	77	1.8%
AM/AN	15	0.3%
PI	7	0.2%
Unspecified	296	6.8%
<b>TOTAL</b>	<b>4,349</b>	<b>186,527</b>

Highest Level of Education	S&TM TOTAL	Entire AWF
Post Grad	3,382	77.8%
Bachelors	780	17.9%
Some College	1	0.0%
High School	8	0.2%
Other	178	4.1%
<b>TOTAL</b>	<b>4,349</b>	<b>186,527</b>

Gender	S&TM TOTAL	Entire DAW
Males	3,330	76.6%
Females	856	19.7%
Unspecified	163	3.7%
<b>TOTAL</b>	<b>4,349</b>	<b>186,527</b>

Type	S&TM TOTAL	Entire AWF
Civilian	3,801	87.4%
Military	548	12.6%
Unknown	-	0.0%
<b>TOTAL</b>	<b>4,349</b>	<b>186,526</b>



# S&T Manager Size by Occupational Series

Civilian Occupational Series	S&TM TOTAL	
0855 - Engineer, Electronics	643	16.9%
0801 - Engineer, General	609	16.0%
0861 - Engineer, Aerospace	356	9.4%
1550 - Computer Scientist	259	6.8%
0830 - Engineer, Mechanical	223	5.9%
1310 - Physicist	222	5.8%
0806 - Engineer, Materials	192	5.1%
1301 - Physical Scientist, General	222	5.8%
0854 - Engineer, Computers	120	3.2%
1320 - Chemist	128	3.4%
<i>Other</i>	827	21.8%
<b>TOTAL CIVILIAN</b>	<b>3,801</b>	<b>Civilians</b>