



# Defense Acquisition Workforce Key Information

Contracting As of FY16Q3 (30 June 2016)

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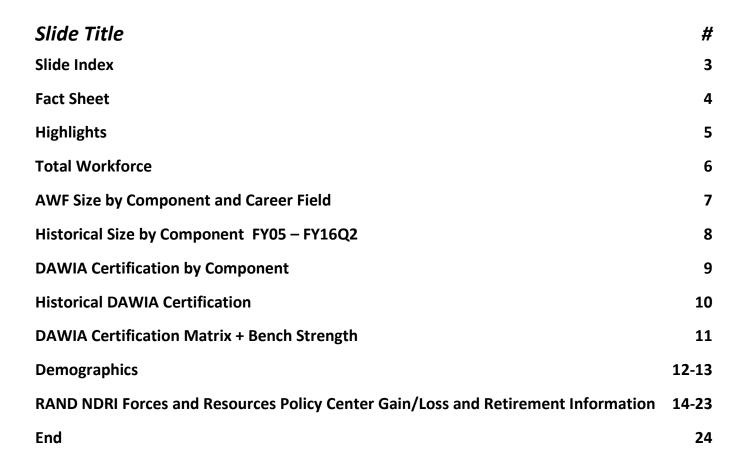




- AT&L HCI is committed to providing the Functional Leader and FIPT Executive Secretary up-to-date key workforce information on a quarterly basis – we welcome questions and recommendations for improved information and analysis support
- HCI provides defense acquisition workforce-wide updates online also at <u>http://hci.dau.mil/inf\_sum.html</u>
- Key HCI support contacts
  - HCI Functional Leader/FIPT Liaison Mr. Bell Costa
  - HCI Data/Analysis
    - Ms. Adrienne Evertson (adrienne.evertson@hci)(703-805-2338)



### Slide Index



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Fact Sheet

	Hu	man Capi	tal Fact S	heet				
		FY 2	2008			FY20	16Q3	
Defense Acquisition Workforce Contracting	CON Civilian (Civ)	CON Military (Mil)	Total CON (Civ+Mil)	Defense Acquisition Workforce	CON Civilian (Civ)	CON Military (Mil)	Total CON (Civ+Mil)	Defense Acquisition Workforce
Size & Composition								
Workforce Size	21,773	3,907	25,680	125,879	25,480	4,832	30,312	158,508
Change in size from 2008	-	-	-	-	17%	24%	18%	26%
Civilian/Military Composition	85%	15%	-	88% / 12%	84%	16%	-	90% / 10%
Educational Attainment								
Bachelor's Degree or Higher	<b>79%</b>	61%	77%	77%	93%	67%	<b>89%</b>	83%
Graduate Degree	27%	28%	27%	<b>29%</b>	45%	31%	43%	39%
Certification								
Level I or Higher Achieved	82%	61%	<b>78%</b>	72%	88%	83%	<b>87%</b>	85%
Level II or Higher Achieved	75%	44%	<b>70%</b>	<b>61%</b>	83%	61%	<b>79%</b>	74%
Level III Achieved	37%	19%	34%	<b>36%</b>	45%	23%	41%	43%
Position Certification Requirement Met or Exceeded	73%	48%	<b>69%</b>	<b>58%</b>	80%	74%	<b>79%</b>	76%
Within 24 Months of Certification Requirement	21%	39%	24%	27%	19%	20%	<b>19%</b>	21%
Does Not Meet Certification Requirement	6%	13%	7%	14%	2%	6%	2%	3%
Planning Considerations								
% Baby Boomer / Traditional Gen.	68%	13%	<b>59%</b>	<b>62%</b>	35%	1%	29%	36%
Average Age	46.8	34.7	45.0	45.7	44.5	33.3	42.7	44.6
Workforce Life-Cycle Model (YRE)* % Future/Mid-Career/Senior	21/22/58(%)	-	-	20/23/57 (%)(Civ)	29/26/45(%)	-	-	25/24/51(%)
Average Years of Service	17.9	12.3	17.1	17.3	14.6	11.6	14.1	15.2
Retirement Eligible*	3,812(18%)	-	-	19,051(17%) (Civ)	4,373(17%)	-	-	25,938(18%)
Retirement Eligible w/in 5 Years*	4,497(21%)	-	-	21,315(19%) (Civ)	3,688(14%)	-	-	26,095(18%)
Total Gains/Losses*	4,193/4,800	-	-	14,245/15,030 (Civ)	3,024/2,386	-	-	17,638/10,727

Source: The Human Capital Fact Sheet is based on end of FY2008 and FY2016Q3 data and was generated by OUSD(AT&L)/Human Capital Initiatives using the AT&L Workforce Data Mart. \*Analysis support from RAND using FY2008 and FY2016Q3 DMDC data.



## Highlights



### **Defense Acquisition Workforce Size Highlights**

- The current Contracting Defense Acquisition Workforce count is 30,312, up from 25,680 in FY08, a total increase of 4,734
- The Contracting Defense Acquisition Workforce count was at its highest point (30,414) in FY16Q2, and its lowest point (25,680) in FY08
- The Agencies with the largest increases, since FY08, are AIR FORCE, NAVY, and DCMA with increases of 1,402 (21%), 1063 (20%), and 809 (36%), respectively
- The Agencies with the largest decreases, since FY08, are OSD & Staff, PFPA, and IG, with decreases of 12(-24%), 2 (-100%), and 1 (-100%), respectively

### **Defense Acquisition Workforce DAWIA Certification Highlights**

- The current Contracting Defense Acquisition Workforce DAWIA Meets/Exceeds certification rate is 78.8%; up from 69.5% in FY08
- The current Contracting Meets/Exceeds certification rate is up 9.3% from FY08
- The current Contracting Defense Acquisition Workforce DAWIA 24 month grace period rate is 19.0%; down from 23.9% in FY08
- The current Contracting Defense Acquisition Workforce DAWIA Does Not Meet certification rate is 2.2%; down from 6.6% in FY08

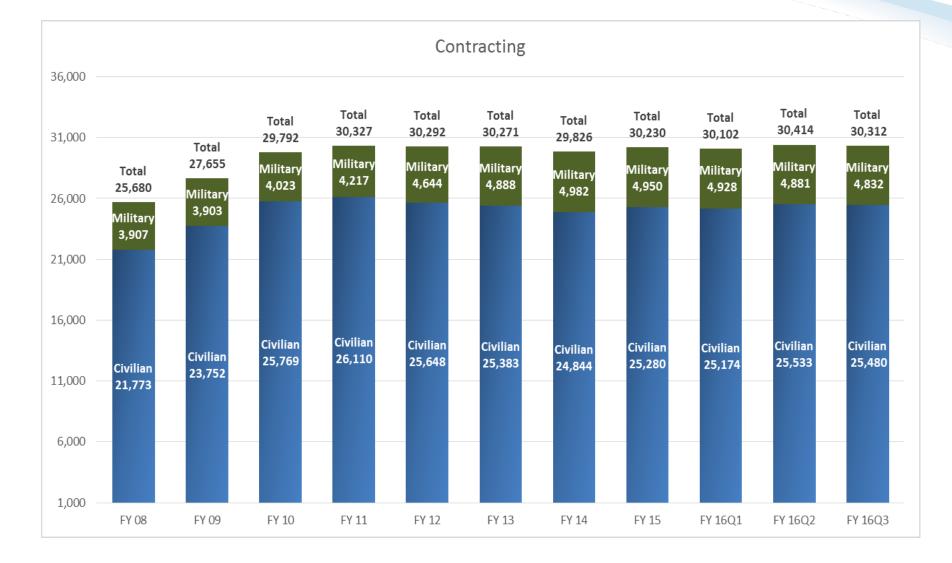
### **Defense Acquisition Workforce Retirement Eligibility Highlights**

- Senior Career Group 45% (11,440) (10 years or less to retirement eligibility or retirement eligible)
- 17.2% (4,373) are currently eligible to retire, up from 17.7% in FY08
- Mid Career Group 26.1% (6,630) (11 to 20 years to retirement), 21.8% in FY08
- Early Career Group 28.9% (7,356) (21 to 25+ years to retirement), up from 20.6% in FY08



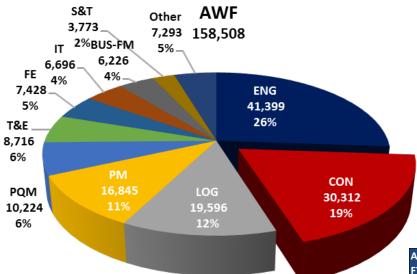
## **Total Historic Workforce**







## AWF by Component and Career Field



AWF Count by Career Category						%
FY16Q3	Army	DoN	Air Force	4th Estate	Totals	Total
Auditing	-	-	-	4,042	4,042	2.6%
Business - CE	244	576	455	84	1,359	0.9%
Business - FM	1,709	2,035	1,888	594	6,226	3.9%
Contracting	7,904	6,308	8,236	7,864	30,312	19.1%
Engineering	9,061	21,549	8,686	2,103	41,399	26.1%
Facilities Engineering	1,557	5,510	283	78	7,428	4.7%
Information Technology	1,669	2,975	1,192	860	6,696	4.2%
Life Cycle Logistics	7,105	6,451	3,126	2,914	19,596	12.4%
Production, Quality and Man	1,368	3,016	379	5,461	10,224	6.5%
Program Management	3,227	6,395	5,536	1,687	16,845	10.6%
Property	48	65	14	267	394	0.2%
Purchasing	309	486	72	591	1,458	0.9%
S&T Manager	442	528	2,680	123	3,773	2.4%
Test and Evaluation	1,910	3,419	3,004	383	8,716	5.5%
Unknown/Other	7	2	-	31	40	0.03%
FY16Q3 Totals (as of 6-30-2016)	36,560	59,315	35,551	27,082	150 500	
Component %	23.1%	37.4%	22.4%	17.1%	1;	58,508

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#### Data Source: AT&L DataMart as of 30 Jun 2016

### Contracting Key Information



## Contracting Workforce Historical Size by Agency FY05 – FY16Q3

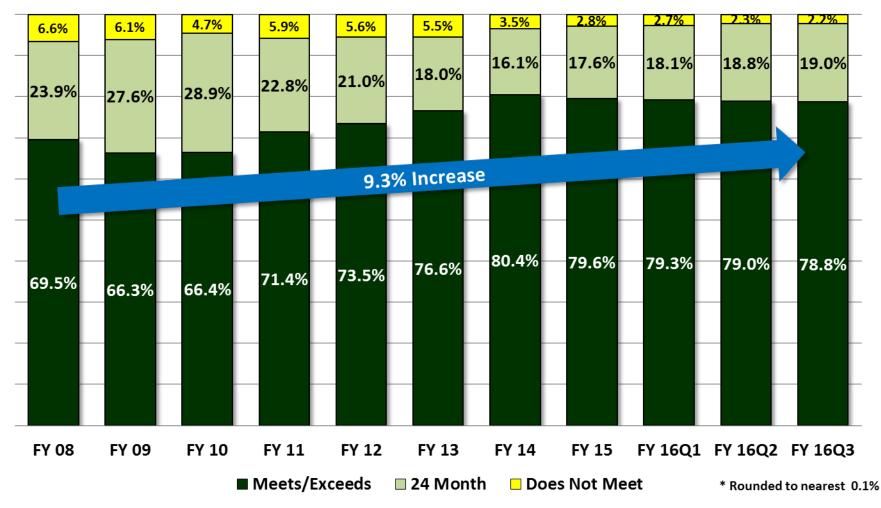
Contracting	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	EV1601	FY16Q2	EV1602	% Change Since	% Change Since
Defense Acq Workforce	FTUS	FTUO	F107	FIUO	F109	F110	FIII	F112	F112	F114	LITO	LITOOT	FITOOT	FILOUS	FY08	FY15
ARMY	8.015	10.048	9.632	7,714	8,391	8,839	9,125	8.834	8.606	8.211	8.010	8.011	7,955	7,904	2%	-1%
DoN	5,068	5,017	5,076	5,245	5,516	6,001	6,041	5,771	5,716	5,725	6,114	6,194	6,250	6,308	20%	3%
AIR FORCE	7,424	7,371	6,762	6,834	7,443	7,865	7,996	8,339	8,381	8,413	8,534	8,357	8,407	8,236	21%	-3%
DCMA	2,490	2,312	1,990	2,220	2,262	2,622	2,480	2,573	2,891	2,917	2,964	2,947	3,000	3,029	36%	2%
DLA	2,243	2,236	1,957	2,736	3,050	3,227	3,432	3,409	3,328	3,220	3,257	3,221	3,328	3,339	22%	3%
DCAA	1	1	4	-	1	2	2	1	2	2	1	1	1	1		0%
MDA	55	71	61	117	135	191	189	206	219	200	199	213	211	208	78%	5%
DISA	199	191	254	265	268	305	328	374	360	365	367	367	368	371	40%	1%
DHA	36	38	19	45	46	71	72	69	65	89	103	101	101	104	131%	1%
DTRA	60	58	70	72	78	88	76	80	87	77	71	73	75	80	11%	13%
DAU	83	80	-	87	107	141	135	149	131	123	118	123	128	136	56%	15%
NRO	-	-	-	-	-	-	-	-	-	-	-	-	90	92		
0SD	47	47	26	50	44	49	51	42	40	39	38	39	36	38	-24%	0%
JCS	-	-	-	-	1	2	2	8	6	4	4	3	4	7		75%
DeCA	101	84	73	87	92	107	113	113	108	108	106	106	109	111	28%	5%
WHS	37	40	19	41	34	37	72	103	111	123	121	124	120	122	198%	1%
DFAS	59	56	24	57	52	69	63	65	61	60	63	62	62	59	4%	-6%
DoDEA	62	46	45	41	42	58	61	64	60	51	56	58	55	52	27%	-7%
DMEA	-	-	-	-	15	17	15	17	16	24	25	25	24	22		-12%
DoD HRA	-	1	1	4	6	21	18	19	21	21	20	19	20	19	375%	-5%
TRMC	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DSCA	2	7	5	12	11	14	14	15	16	14	13	15	15	15	25%	15%
DMA	-	-	-	-	20	19	14	16	17	12	15	14	13	12		-20%
DSS	-	1	-	5	9	11	12	9	13	14	15	14	14	14	180%	-7%
DTIC	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DARPA	11	11	6	12	13	12	12	13	13	12	13	12	13	14	17%	8%
USUHS	-	-	-	-	-	-	-	-	-	-	-	-	11	14		
NDU	6	5	-	3	1	2	2	2	2	2	3	3	2	2	-33%	-33%
POW/MIA	-	-	-	-	-	-	-	-	-	-	-	-	2	3		
IG	-	-	1	1		-	-	-	-	-	-	-	-	-	-100%	
ASD	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PFPA	5	4	1	2	1	1	1	1	1	-	-	-	-	-	-100%	
4th Estate Other	21	23	12	30	17	21	1	-	-	-	-	-	-	-		
															$\uparrow$	$\uparrow$
TOTAL	26,025	27,748	26,038	25,680	27,655	29,792	30,327	30,292	30,271	29,826	30,230	30,102	30,414	30,312	18%	0%

Data Source: AT&L DataMart as of 30 Jun 2016



Contracting Historical DAWIA Certification FY08 – FY16Q3

### Contracting





Acquisition Workforce Component

### Certification Level "Meet/Exceed" Rates by Component Contracting (FY16Q3)

	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	
Air Force	(FY08 6	5.7%)	77.9%						1	9.5%	2.6%	8,236
Army	(FY08 6	5.5%)	83.5%							14.3%	2 <mark>.2%</mark>	7,904
DoN	(FY08 7	0.1%)	73.7%						24.	5%	1.8%	6,308
DLA	(FY08 7	2.2%)	82.3%							16.8%	0. <mark>9</mark> %	3,339
DCMA	(FY08 8	5.0%)	73.2%						23.5	%	<mark>3.3%</mark>	3,029
DISA	(FY08 7	5.1%)	81.7%							13.5%	<mark>4.9%</mark>	371
MDA	(FY08 9	2.3%)	87.5%							12.	5% 0.0%	208
Other Defense	(FY08 7	5.0%)	83.8%							13.5%	<mark>2.7%</mark>	185
DAU	(FY08 8		97.1%								0.7%	136
WHS	(FY08 8		70.5%						23.8%		5.7%	122
DeCA	(FY08 8	3.9%)	80.2%							17.1%	<mark>2.7%</mark>	111
DHA	(FY08 7		75.0%						20.2		4.8%	104
DTRA	(FY08 8		91.3%							5.0	)% <mark>3.8%</mark>	80
DFAS	(FY08 8		98.3%								1.7%	59
DoDEA	(FY08 7		96.2%								<b>3.80%</b> 0%	52
OSD	(FY08 8		92.1%								<b>7.9%0.0</b> %	38
DMEA	(FY08 N		59.1%						36.4%		0.0%	22
JCS	(FY08 N		42.9%				42.9%			14.3		7
DCAA	(FY08 N		100.0%								<b>0.</b> D%	1
Total	(FY08 6	9.5%)	78.8%				1	1		L9.0%	2 <mark>.2</mark> %	30,312

Meets or Exceeds Position Certification Level Requirements

Certification requirement not met and member within 24 month period

Certification requirements not met and member beyond 24 month period



### Contracting DAWIA Certification Matrix + Bench Strength

Contracting	- Ach	nieved Cer	tification L	.evel		
Required Certification Level	No Level Achieved	Level I	Level II	Level III	FY16Q3 TOTAL	% Meets Certification Requirement
Level I	1,464	924	521	111	3,020	51.5%
Level II	2,138	1,524	9,967	3,909	17,538	79.1%
Level III	191	40	982	8,437	9,650	87.4%
Unspecified	37	12	37	18	104	
FY16Q3 TOTAL	3,830	2,500	11,507	12,475	30,312	78.8%
	12.6%	8.2%	38.0%	41.2%		

No Level Achieved includes those within the 24 month grace period

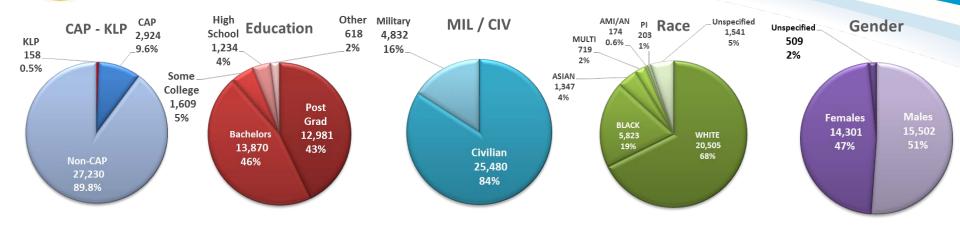
	Bench Strength									
Service	# Exceeds	% Exceeds**	Career Field Rank							
DAW	20,609	13.0%								
Army	5,195	14.2%								
DoN	7,274	<b>12.3%</b>								
Air Force	6,428	18.2%								
4th Estate	1,712	6.3%								
Contracting	4,541	15.0%	3 of 14							

\*\* Based on population total without unspecified positions

Certification Requirement	Meets	Within 24 Months	Does Not Meet	DAW TOTAL		
Level I	1,556	1,317	147	3,020	10.0%	
Level II	13,876	3,285	377	17,538	57.9%	
Level III	8,437	1,067	146	9,650	31.8%	
Unspecified	18	80	6	104	0.3%	
Contracting TOTAL	23,887	5,749	676	30,312		
	78.8%	19.0%	2.2%			= Compliance
						= Exceeds Requirements

\* NOTE: Rounded to nearest 0.1%

## **Contracting Demographics**



Occupied Position Type	CON 1	TOTAL	Entire DAW		
Key Leadership Positions (KLPs)	158	0.5%	1,138	0.7%	
Critical Acquisition Positions (CAPs) *	2,924	9.6%	15,694	9.9%	
Non-CAP Positions	27,230	89.8%	141,676	89.4%	
TOTAL	30,312		158,508		
	,-	]	100,000		

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

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Highest Level of Education	CON 1	OTAL	Entire DAW		
Post Grad	12,981	42.8%	62,129	39.2%	
Bachelors	13,870	45.8%	69,413	43.8%	
Some College	1,609	5.3%	11,837	7.5%	
High School	1,234	4.1%	12,478	7.9%	
Other	618	2.0%	2,651	1.7%	
TOTAL	30,312		158,508		

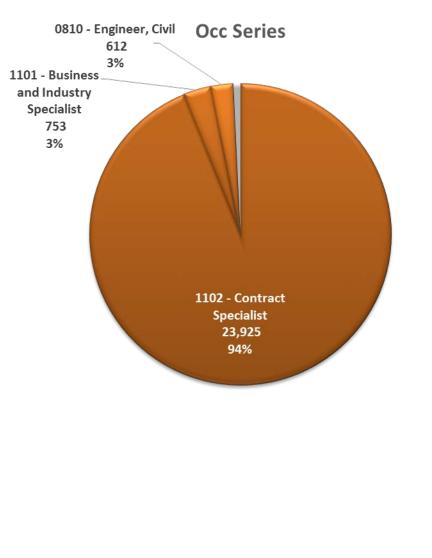
Military / Civilian	CON TOTAL		Entire	DAW
Civilian	25,480	84.1%	142,987	90.2%
Military	4,832	15.9%	15,521	9.8%
TOTAL	30,312		158,508	

Race	CON 1	TOTAL	Entire	DAW
WHITE	20,505	67.6%	117,004	73.8%
BLACK	5,823	19.2%	18,850	11.9%
ASIAN	1,347	4.4%	10,260	6.5%
MULTI	719	2.4%	3,415	2.2%
AMI/AN	174	0.6%	860	0.5%
PI	203	0.7%	759	0.5%
Unspecified	1,541	5.1%	7,360	4.6%
TOTAL	30,312		158,508	

Gender	CON 1	OTAL	Entire DAW		
Males	15,502	51.1%	110,710	69.8%	
Females	14,301	47.2%	45,575	28.8%	
Unspecified	509	1.7%	2,223	1.4%	
TOTAL	30,312		158,508		



## **Contracting Size by Occupational Series**



Civilian Occupational Series		CON 1	TOTAL
1102 - Contract Specialist		23,925	93.9%
1101 - Business and Industry Specialist		753	3.0%
0810 - Engineer, Civil		612	2.4%
0830 - Engineer, Mechanical		36	0.14%
0301 - Administration & Program Staff		24	0.09%
0801 - Engineer, General		18	0.07%
0850 - Engineer, Electrical		21	0.08%
1160 - Financial Analyst		12	0.05%
0343 - Management and Program Analyst		8	0.03%
1910 - Quality Assurance Specialist		3	0.01%
	Other	68	0.27%
TOTAL CIVILIAN		25,480	Civilians

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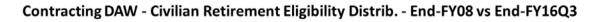


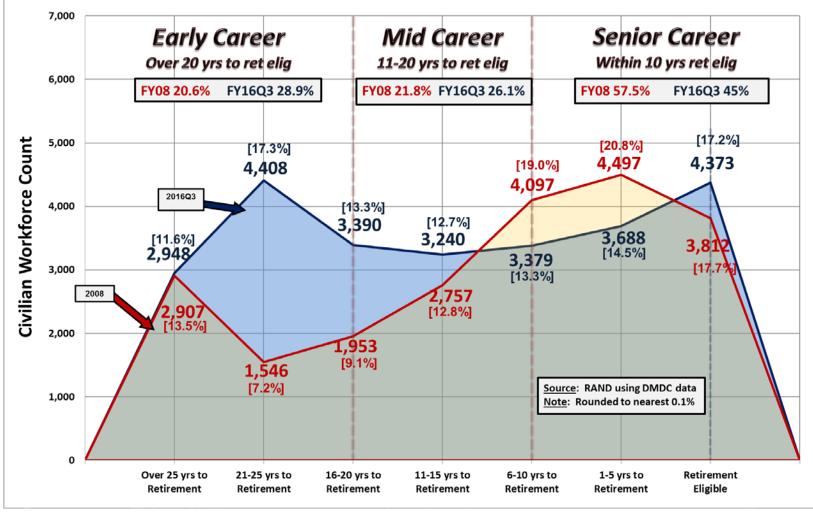


# RAND NDRI Forces and Resources Policy Center Data Retirement / Loss Slides



Contracting Civilian Retirement Eligibility Distribution – FY08 / FY16Q3





As of FY16Q3 (30 Jun 2016)

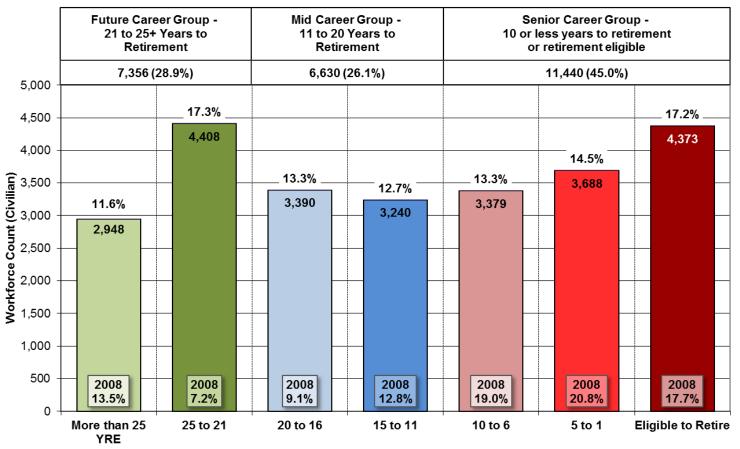


## Workforce Lifecycle Model



### Defense Acquisition Workforce Lifecycle Model (WLM)

by Years to Retirement Eligibility (YRE) - Civilian (FY2016Q3) - Contracting



Source: Chart was generated by OUSD(AT&L)/Human Capital Initiatives using FY2008 and FY2016 (Q1) DMDC data provided by RAND.

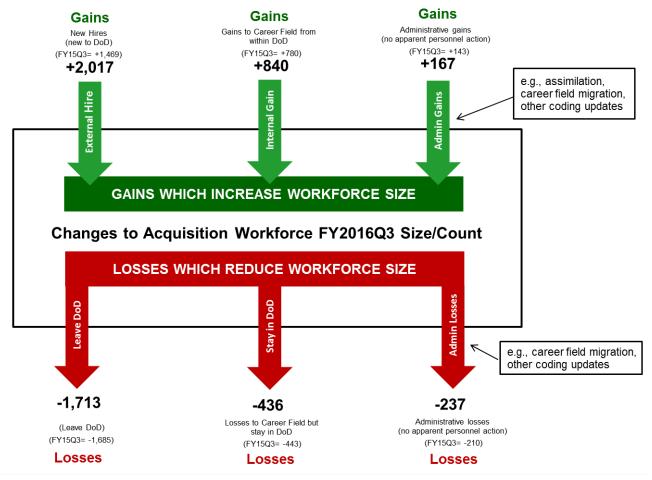
As of FY16Q3 (30 Jun 2016)



## Contracting Gains/Losses – New Hires Internal/External, Administrative

### Defense Acquisition Workforce (Civilian) (FY2016Q3) - Contracting

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

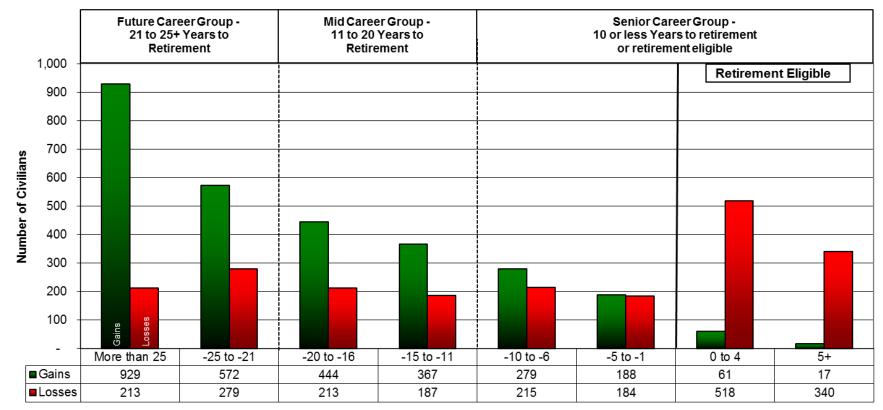


As of FY16Q3 (30 Jun 2016)



### Defense Acquisition Workforce (Civilian) - CON

Workforce Lifecycle FY2016Q3 Gains & Losses\*



#### Career Lifecyle by Years to Retirement Eligibilty

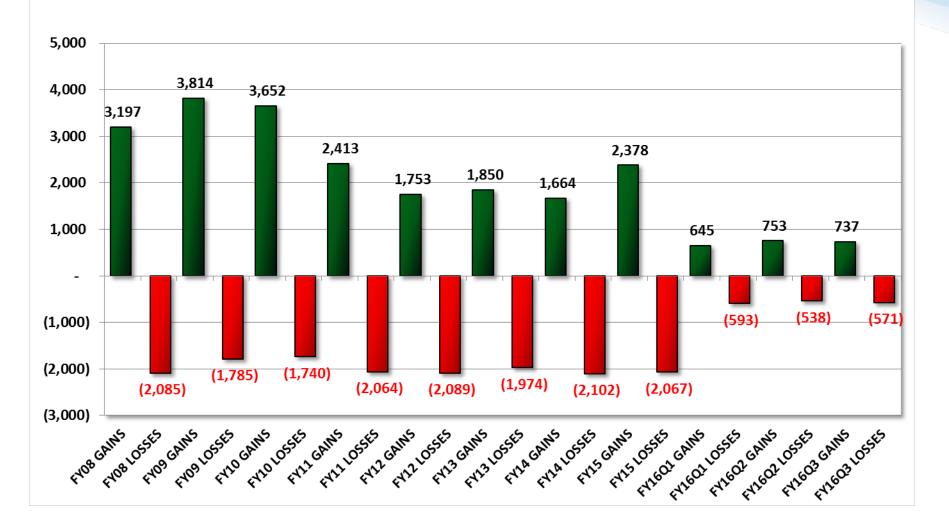
Source: RAND NDRI Forces and Resources Policy Center analysis using DMDC data (FY2016Q3 and Previous FY Data) \*Does not include administrative gains and losses

As of FY16Q3 (30 Jun 2016)



## **Contracting Historical Gains and Losses** FY08 – FY16Q3





As of FY16Q3 (30 Jun 2016)

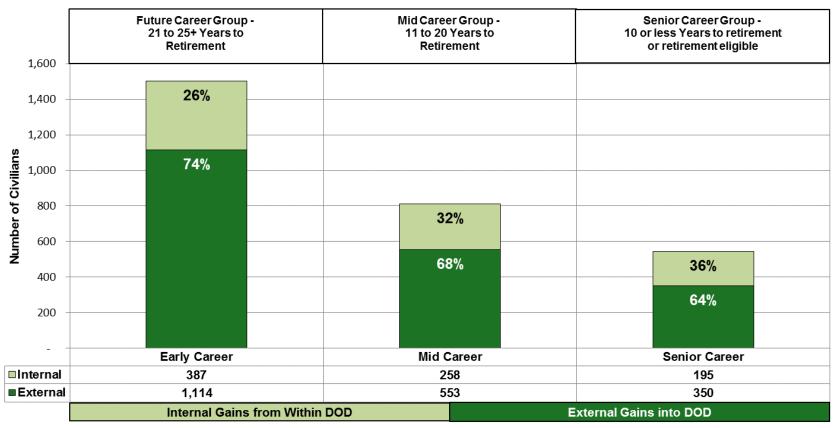


Contracting Internal/External Gains % by Career Group

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### **Defense Acquisition Workforce (Civilian) - CON**

Workforce Lifecycle FY2016Q3 Gains\*



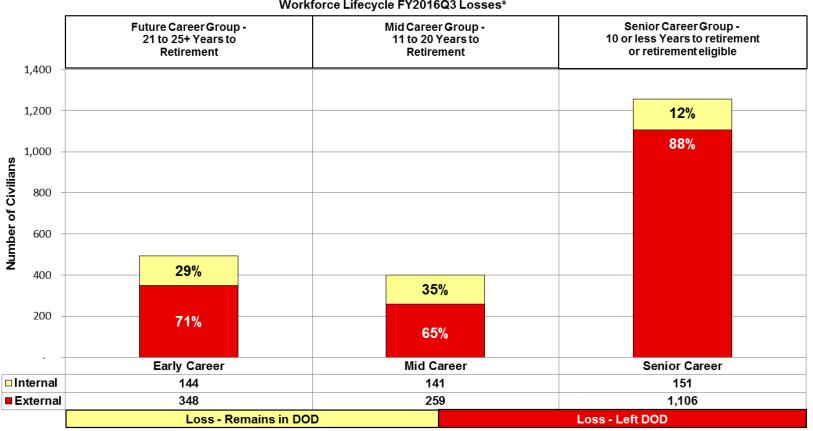
Source: RAND NDRI Forces and Resources Policy Center analysis using DMDC data (FY2016Q3 and Previous FY Data) \*Does not include administrative gains

As of FY16Q3 (30 Jun 2016)



**Contracting Internal/External Loss %** by Career Group





**Defense Acquisition Workforce (Civilian) - CON** 

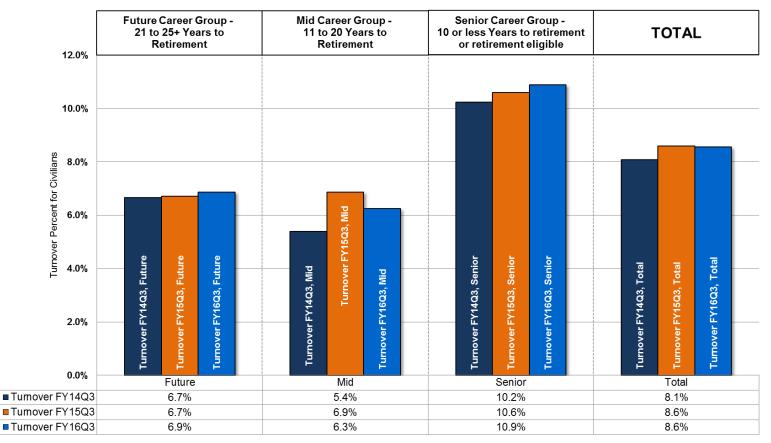
Workforce Lifecycle FY2016Q3 Losses\*

Source: RAND NDRI Forces and Resources Policy Center analysis using DMDC data (FY2016Q3 and Previous FY Data) \*Does not include administrative losses

As of FY16Q3 (30 Jun 2016)



### Defense Acquisition Workforce Turnover - CON (Civilian) (FY14Q3, FY15Q3, FY16Q3)(by Career Lifecycle Group)



Turnover Percent by Career Lifecycle Groups

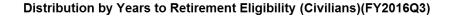
As of FY16Q3 (30 Jun 2016)

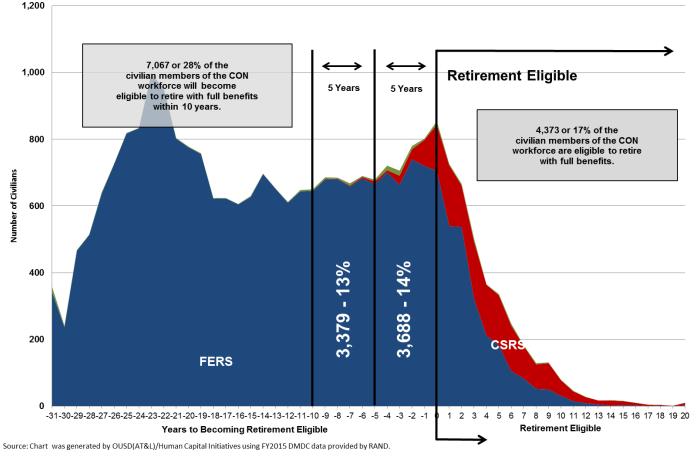


## **Contracting Civilian Distribution** by Years to Retirement Eligibility



### **Defense Acquisition Workforce - CON**





As of FY16Q3 (30 Jun 2016)





## END

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