



Department of Defense Drug Testing Update

Briefing for SAMHSA DTAB

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**Office of the Under Secretary of Defense for Personnel
and Readiness Operational Readiness and Safety**

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DoD Must Operate in a Drug Free Environment

- **National Security positions**
 - Military members must be reliable at all times and any drug use compromises reliability
- **Living conditions in close quarters**
- **Service culture relies on the “buddy system”**
- **Military operate in locations where illegal and other drugs are readily accessible**
- **Our demographics include high risk populations**
 - 18–25 year old males



Current Panel of Tested Drugs

- **Marijuana (THC)**
- **Cocaine (BZE)**
- **Amphetamine & Methamphetamine**
- **Designer Amphetamines / Ecstasy**
- **Heroin**
- **Oxycodone/Oxymorphone 20%**
- **Codeine/Morphine 20%**
- **Phencyclidine (PCP) 20%**
- **Special request testing conducted at Armed Forces Medical Examiners System**
 - Barbiturates, benzodiazepines, synthetic opiates, ketamine, salvia, (*etc.), LSD, O-H-LSD, magic mushrooms



Overall DoD Drug Testing Performance

Fiscal Year	2006	2007	2008	2009	2010
Illicit Drug Positive Rate	1.25%	1.21%	1.20%	1.18%	1.13%
Mean Testing Ratio	1.62	1.61	1.73	1.72	1.65



Active Duty Mean Testing Rates

Branch	2006	2007	2008	2009	2010
ARMY	1.98	1.91	2.05	2.00	2.05
NAVY	3.06	3.06	3.11	2.95	3.05
USMC	2.70	2.63	2.98	3.00	3.01
USAF	0.93	0.95	1.02	1.02	1.00



Active Duty Drug Positive Rates

Branch	2006	2007	2008	2009	2010
ARMY	1.79%	1.66%	1.70%	1.63%	1.40%
NAVY	0.76%	0.69%	0.52%	0.46%	0.39%
USMC	1.18%	1.27%	1.35%	1.20%	1.06%
USAF	0.34%	0.33%	0.30%	0.33%	0.30%



Overall Active Duty Drug Positive and Testing Rates

Fiscal Year	Average End Strength	Unique Tests	Positive Personnel	MRO Unknown	Positive Rate	Total Specimens Tested	Mean Test Ratio
2010	1,576,520	1,230,452	10,790	591	0.88%	3,436,394	2.18
2009	1,564,445	1,222,488	12,368	639	1.01%	3,355,435	2.14
2008	1,486,687	1,204,331	12,856	1,049	1.07%	3,259,019	2.19
2007	1,555,074	1,194,159	12,866	1,252	1.08%	3,206,041	2.06
2006	1,556,884	1,196,678	13,376	N/A	1.12%	3,262,563	2.10



Active Duty, High Risk, Drug Positive Rates

Branch	2006	2007	2008	2009	2010
ARMY	3.11%	2.94%	3.00%	2.95%	2.48%
NAVY	1.33%	1.21%	0.99%	0.91%	0.73%
USMC	1.59%	1.72%	1.80%	1.62%	1.44%
USAF	0.61%	0.58%	0.54%	0.61%	0.55%



Reserve Component, Not on Active Duty, Drug Positive Rates

Branch	2006	2007	2008	2009	2010
ARMY	1.83%	1.63%	1.61%	1.97%	2.28%
NAVY	0.52%	0.52%	0.45%	0.47%	0.50%
USMC	2.17%	1.79%	1.63%	1.76%	1.90%
USAF	0.51%	0.51%	0.39%	0.34%	0.41%



Reserve Component, Not on Active Duty, High Risk, Drug Positive Rates

Branch	2006	2007	2008	2009	2010
ARMY	3.47%	3.16%	3.08%	3.65%	4.57%
NAVY	1.64%	1.41%	1.65%	1.64%	1.47%
USMC	2.68%	2.13%	2.05%	2.22%	2.34%
USAF	1.39%	1.31%	1.33%	1.04%	0.99%



National Guard Component, Not on Active Duty, Drug Positive Rates

Branch	2006	2007	2008	2009	2010
ARMY	2.61%	2.70%	2.55%	2.66%	2.77%
USAF	0.53%	0.39%	0.34%	0.40%	0.43%



National Guard Component, Not on Active Duty, High Risk, Drug Positive Rates

Branch	2006	2007	2008	2009	2010
ARMY	4.35%	4.50%	4.12%	4.51%	4.61%
USAF	1.31%	1.11%	0.83%	1.00%	1.24%



FY2010 Total DoD Drug Positive Distribution (%)

Drug	Percentage
d-Amphetamine	5.60%
d-Methamphetamine	3.10%
Cocaine	13.20%
Ecstasy	2.80%
Marijuana	67.40%
MDA	1.30%
Phencyclidine	0.00%
Codeine	0.40%
Morphine	0.80%
Heroin	0.60%
Oxycodone	1.70%
Oxymorphone	3.10%

*phencyclidine, codeine, morphine, oxycodone, oxymorphone are tested at a pulse rate of 20%.



Emerging Prescription Drug Threat

Year	All Military Survey Data	DoD Percent Positive Rate
1980	27.6	7.30
1982	19.0	3.00
1985	8.9	2.40
1988	4.8	1.80
1992	3.4	0.90
1995	3.0	0.80
1998	2.7	1.05
2002	3.4	1.38
2005	5.0	1.12
2008	12.0	1.20

- Prescription drug questions added to survey in 2005
- Psychiatric med prescriptions rose 42% from 2005–2009 in 18–31 year old group
- 2009 prevalence testing; prescription drug abuse exceeded illegal drug abuse
- CJCS; multiple briefings from scientists and line leaders on growing drug abuse concern



FY2010 DoD Agencies Drug Testing Results

Agency	Total TDP	TDP Tested ¹	Percent TDP Tested ²	Tested Positive ²	FY2009 Percent Positive ³	FY2010 Percent Positive ²
Air Force	32,925	29,186	88.6%	70	0.16%	0.24%
Army	45,500	43,454	95.5%	112	0.30%	0.26%
Navy	42,000	31,143	74.2%	75	0.33%	0.24%
DCAA	1,140	591	51.8%	0	0.00%	0.00%
DCMA	3,500	6	0.2%	0	0.00%	0.00%
DIA	3,500	2,054	58.7%	2	0.04%	0.10%
DISA	2,900	1,102	38.0%	4	0.66%	0.36%
DLA	12,147	5,186	42.7%	88	0.95%	1.70%
DODIG	1,540	213	13.8%	0	0.09%	0.00%
DSS	728	233	32.0%	1	0.24%	0.43%
DTRA	1,250	2	0.2%	0	0.00%	0.00%
NGA	7,800	2,991	38.3%	0	0.18%	0.00%
NSA	18,000	11,760	65.3%	39	0.41%	0.33%
USUHS	110	110	100%	0	0.00%	0.00%
WHS	4,390	2,014	45.9%	3	0.15%	0.15%
Total DOD Civilians in TDPs	177,430	130,045	73.3%	394	0.31%	0.30%

¹ TDP Tested is the number of random tests only. Does not include applicant testing.

² Only includes random testing. Does not include applicant testing.

³ Includes both random and applicant positives.