

***Federal Workplace Drug Testing  
Program***  
**NLCP Drug Testing Results**

**Presented by**  
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**Division of Workplace Programs**  
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# NLCP Laboratory Distribution: March 2014

- Number of HHS-certified laboratories by laboratory category

Lab category	Category 0	Category 1	Category 2	Category 3	Category 4	Category 5
Number of labs	3	11	9	1	5	5

# Regulated Specimens Tested 2004 through 2013

- Specimens tested by year

<b>Year</b>	<b>Specimens tested</b>
<b>2004</b>	6,677,540
<b>2005</b>	6,842,726
<b>2006</b>	7,542,360
<b>2007</b>	7,990,292
<b>2008</b>	6,265,514
<b>2009</b>	5,468,368
<b>2010</b>	5,764,889
<b>2011</b>	5,915,164
<b>2012</b>	6,168,952
<b>2013</b>	6,321,498

# Regulated Specimens Tested 2009 through 2013

- Specimens tested by year

<b>Year</b>	<b>Specimens tested</b>
<b>2009</b>	5,468,368
<b>2010</b>	5,764,889
<b>2011</b>	5,915,164
<b>2012</b>	6,168,952
<b>2013</b>	6,321,498

# Monthly Totals of Regulated Specimens Tested 2009 through 2013

- Specimens tested by month and by year

Month	2009	2010	2011	2012	2013
Jan	425,915	394,502	404,714	445,964	481,933
Feb	440,275	429,558	450,934	501,050	484,872
Mar	471,037	513,523	555,170	568,498	553,611
Apr	486,197	506,638	510,413	496,631	544,375
May	477,458	509,073	500,289	573,704	572,692
Jun	452,202	496,178	529,738	526,910	521,741
Jul	458,920	488,702	473,416	477,764	513,485
Aug	449,489	488,371	529,247	561,219	577,444
Sep	477,666	517,115	526,405	540,265	530,635
Oct	489,636	499,628	489,324	532,873	576,787
Nov	402,516	453,730	475,981	491,503	504,379
Dec	420,896	459,551	460,137	443,056	449,304

# **Regulated Specimens Reported as Positive, Adulterated, Invalid or Substituted 2009 through 2013**

- Specimens reported by year

<b>Year</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>Specimens reported</b>	88,431	95,472	108,565	112,149	123,598

# Monthly Totals of Regulated Specimens

## Reported as Positive, Adulterated, Invalid or Substituted

### 2009 through 2013

- Specimens reported by month and by year

<b>Month</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>Jan</b>	6,869	5,897	7,172	7,864	8,222
<b>Feb</b>	6,840	6,564	7,368	8,691	8,485
<b>Mar</b>	7,958	8,160	10,093	10,596	10,769
<b>Apr</b>	7,960	8,200	9,115	9,566	10,240
<b>May</b>	7,721	8,330	9,481	10,275	11,072
<b>Jun</b>	7,450	8,639	9,796	10,111	10,803
<b>Jul</b>	7,671	8,046	9,220	9,202	10,312
<b>Aug</b>	7,728	8,269	10,016	10,083	11,668
<b>Sep</b>	7,452	8,385	9,650	9,637	11,035
<b>Oct</b>	7,579	8,685	9,256	9,360	11,631
<b>Nov</b>	6,386	7,750	8,342	8,527	10,165
<b>Dec</b>	6,817	8,547	9,056	8,237	9,196

# Distribution of Specimens Reported as Drug Positive, Adulterated, Invalid or Substituted 2009 through 2013

- Percent of specimens reported by analyte

Year	AMP	MAMP	MDMA	MDA	MDEA	BZE	COD	MOR	6-AM	PCP	THC	ADL	INV	SUB
<b>2009</b>	0.244%	0.101%	0.000%	0.000%	0.000%	0.248%	0.099%	0.119%	0.008%	0.023%	0.753%	0.018%	0.097%	0.043%
<b>2010</b>	0.308%	0.114%	0.001%	0.000%	0.000%	0.248%	0.091%	0.109%	0.009%	0.022%	0.760%	0.020%	0.096%	0.045%
<b>2011</b>	0.411%	0.139%	0.003%	0.002%	0.000%	0.336%	0.105%	0.114%	0.014%	0.023%	0.734%	0.021%	0.093%	0.042%
<b>2012</b>	0.462%	0.143%	0.003%	0.001%	0.000%	0.276%	0.097%	0.111%	0.017%	0.023%	0.723%	0.020%	0.104%	0.041%
<b>2013</b>	0.491%	0.157%	0.004%	0.001%	0.000%	0.268%	0.114%	0.114%	0.020%	0.020%	0.747%	0.020%	0.154%	0.042%

# Specimens Reported Invalid for pH 2009 through 2013

- Percent of reported invalids by month and by year

Invalid pH	Jan '09	Feb '09	Mar '09	Apr '09	May '09	Jun '09	Jul '09	Aug '09	Sep '09	Oct '09	Nov '09	Dec '09
Percent of Invalids: pH Related	23.38%	20.82%	24.55%	23.80%	29.07%	29.79%	33.65%	32.81%	36.52%	30.28%	21.41%	17.25%
Percent of Invalids: Low pH Related	10.45%	8.80%	13.29%	10.70%	9.53%	10.85%	10.65%	8.60%	9.04%	11.36%	8.26%	8.89%

# Specimens Reported Invalid by Category: 2013

- Percentage of invalid specimens by invalid category and by month

Month	PHYS CHAR	CREAT&/or SpGr	GC/MS	IA	Oxid	pH	Other
Jan	13.37%	32.22%	3.10%	14.56%	22.67%	19.33%	0.00%
Feb	13.78%	30.64%	3.09%	23.28%	14.25%	22.33%	0.48%
Mar	13.64%	28.46%	4.15%	26.88%	14.03%	20.55%	0.00%
Apr	10.73%	29.76%	5.27%	20.72%	14.12%	24.86%	0.00%
May	10.82%	24.39%	3.03%	25.25%	14.00%	27.42%	0.00%
Jun	9.70%	22.51%	3.10%	29.65%	12.40%	27.36%	0.00%
Jul	7.43%	18.16%	2.59%	31.72%	12.74%	31.72%	0.00%
Aug	8.60%	18.76%	2.03%	35.95%	12.94%	26.16%	0.00%
Sep	6.93%	16.98%	2.03%	43.67%	11.15%	22.38%	0.00%
Oct	4.81%	21.64%	2.33%	55.37%	7.43%	11.17%	0.00%
Nov	5.94%	15.97%	1.75%	60.95%	6.62%	11.30%	0.00%
Dec	7.23%	16.87%	1.20%	59.04%	7.35%	11.45%	0.00%

# Specimens Reported Invalid Due to Immunoassay Interference by Immunoassay Category: 2013

- Percentage of immunoassay invalid specimens by month

Month	AMP	MDMA	COC	OPI	6AM	PCP	THC
Jan	9.84%	18.03%	34.43%	3.28%	49.18%	31.15%	60.66%
Feb	9.18%	15.31%	27.55%	1.02%	56.12%	23.47%	51.02%
Mar	12.50%	19.12%	22.06%	0.74%	65.44%	22.06%	44.12%
Apr	12.73%	11.82%	32.73%	4.55%	63.64%	18.18%	44.55%
May	14.86%	8.00%	32.57%	2.29%	69.14%	18.29%	38.86%
Jun	17.35%	8.68%	32.88%	0.91%	72.60%	14.61%	37.44%
Jul	18.59%	5.20%	37.55%	2.60%	83.64%	11.52%	37.92%
Aug	21.71%	4.65%	23.00%	0.26%	89.92%	7.49%	17.05%
Sep	22.24%	3.29%	14.70%	1.16%	89.56%	5.80%	7.16%
Oct	24.78%	1.66%	12.77%	1.15%	92.72%	4.21%	5.49%
Nov	17.09%	2.08%	15.81%	1.92%	91.85%	4.95%	6.71%
Dec	22.04%	2.86%	13.27%	0.41%	81.02%	5.31%	9.59%

# Specimens Reported Invalid by Category 3, 4 and 5 Laboratories Due to Immunoassay Interference by Laboratory: 2013

- Specimens reported invalid by reporting laboratory

Month	A	B	C	D	E	F	G	H	I	J	K
Jan	0.257%	0.321%	0.000%	0.539%	2.885%	0.330%	0.508%	0.000%	2.000%	1.518%	0.769%
Feb	0.000%	0.517%	0.000%	1.862%	2.880%	0.932%	0.794%	0.535%	0.781%	1.957%	5.263%
Mar	0.000%	1.094%	0.580%	2.662%	1.992%	0.901%	0.958%	1.339%	1.634%	1.991%	4.533%
Apr	0.000%	0.935%	0.000%	1.250%	1.582%	0.729%	0.756%	0.435%	0.772%	1.754%	4.462%
May	0.000%	2.250%	1.325%	3.918%	1.896%	0.965%	1.478%	0.000%	2.198%	2.094%	4.738%
Jun	0.000%	1.229%	1.911%	3.301%	2.371%	2.298%	2.384%	0.429%	1.700%	3.048%	5.941%
Jul	0.000%	0.267%	6.137%	3.974%	1.836%	3.010%	3.063%	0.000%	1.678%	3.554%	6.410%
Aug	0.000%	0.527%	10.648%	4.313%	1.818%	3.143%	5.662%	0.000%	1.676%	4.813%	7.253%
Sep	0.094%	0.481%	17.209%	6.983%	1.586%	5.785%	6.799%	1.826%	1.466%	7.026%	8.038%
Oct	0.000%	0.634%	23.593%	7.011%	1.538%	7.870%	10.434%	0.000%	3.279%	9.585%	10.134%
Nov	0.107%	0.523%	22.506%	7.216%	1.944%	7.245%	6.294%	0.957%	1.250%	10.246%	10.539%
Dec	0.000%	0.387%	19.947%	7.373%	2.282%	6.178%	7.227%	0.000%	1.606%	8.486%	7.529%

# Summary

- The number of Regulated Specimens Tested over the period of 2009 through 2013 increased by 15.6%. The yearly increases ranged from 2.5 to 5.4%.
- The number of Regulated Specimens being Reported as Drug Positive, Adulterated, Invalid and Substituted over the period of 2009 through 2013 increased by 39.8%. The yearly increases ranged from 3.3 to 13.7%.

# Summary (continued)

- Samples reported as Invalid due to a low pH have decreased from the levels seen in 2011-2012. The proportion of specimens being reported for this reason has returned to rates seen in 2009.
- Samples reported as Invalid due to Immunoassay Interference have increased in 2013 and continue to increase in 2014.