

DOT Laboratory Testing Data 2010

**Laboratory Directors,
Thanks for your earlier input!!**



Laboratory Drug Testing Data Since 2005

Laboratory Drug Testing Data 2005 - 2010

I. Positive Drug Testing:

| | 2005 Full Year | 2006 Full Year | 2007 Full Year | 2008* July-Dec | 2009* Full Year | 2010* Full Year |
|--|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|
| Total Results | 7,145,907 | 7,542,360 | 6,568,447 | 2,850,106 | 5,163,165 | 5,463,833 |
| Positives | 143,993 | 136,724 | 136,908 | 46,858 | 77,865 | 84,211 |
| % Positives | 2.02% | 1.81% | 2.08% | 1.64% | 1.51% | 1.54% |
| Drug Types as Percentage of all Positives | | | | | | |
| Amphetamine | 14.66% | 12.82% | 17.54% | 16.09% | 18.23% | 21.67% |
| Cocaine | 26.84% | 28.48% | 23.32% | 19.19% | 16.59% | 16.17% |
| Opiates | 7.81% | 8.23% | 10.05% | 11.52% | 12.83% | 10.94% |
| PCP | 0.91% | 1.18% | 1.21% | 1.76% | 1.70% | 1.52% |
| THC | 49.77% | 49.30% | 47.87% | 51.45% | 50.66% | 49.70% |

II. Specimens Tampered-With:

| | 2005 Full Year | 2006 Full Year | 2007 Full Year | 2008* July-Dec | 2009* Full Year | 2010* Full Year |
|---|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|
| Total Results | 7,145,907 | 7,542,360 | 6,568,447 | 2,850,106 | 5,163,165 | 5,463,833 |
| Tampered | 12,349 | 14,199 | 31,554 | 5,106 | 8,421 | 8,901 |
| % Tampered | .172% | .188% | .480% | .179% | .163% | .163% |
| As Percentage of all Tampered-with Specimens | | | | | | |
| Adulterated | 4.7% | 5.3% | 4.8% | 9.3% | 10.50% | 11.27% |
| Substituted | 22.4% | 23.1% | 33.5% | 25.0% | 27.81% | 29.14% |
| Invalid | 72.9% | 71.6% | 61.7% | 65.7% | 61.69% | 59.59% |

III. Other:

| | 2005 Full Year | 2006 Full Year | 2007 Full Year | 2008* July-Dec | 2009* Full Year | 2010* Full Year |
|---------------|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|
| Total Results | 7,145,907 | 7,542,360 | 6,568,447 | 2,850,106 | 5,163,165 | 5,463,833 |
| Rejected | 13,770 | 13,499 | 13,012 | 4,636 | 7,106 | 7,532 |
| % Rejected | 0.19% | 0.18% | 0.20% | 0.16% | 0.13% | 0.14% |

* DOT-Only Data (and 2008 only represents a 6-month period)



Laboratory Drug Testing Data Since 2005 (continued)

- **The positive drug testing percentage rate, which had been in decline, rose slightly in 2010 [by .03%];**
- **Amphetamine prevalence continues to be above Cocaine [for the fourth consecutive 6-month reporting period];**
- **Marijuana continues to be most prevalent drug identified;**
- **Tampered-with specimens held steady, but with a higher percentage of adulterated & substituted specimens identified; and**
- **Total tests, which had been in significant decline since 2006, rose in 2010.**



Laboratory Testing Data

3- & 6-Month Comparisons

6-Month Comparisons July 2009 - December 2010
[2010 3rd & 4th Quarters]

| | 2009 July-Dec | 2010 Jan-June | 2010 July-Dec | 2010 3 rd QTR | 2010** 4 th QTR |
|-----------------|------------------|------------------|------------------|-----------------------------|-------------------------------|
| Total Results | 2,569,016 | 2,685,937 | 2,777,896 | 1,429,289 | 1,348,607 |
| Positives | 38,002 | 40,284 | 43,927 | 21,543 | 22,384 |
| Amphetamines | 7,291 | 8,048 | 10,199 | 4,561 | 5,638 |
| <i>AMP</i> | 5,525 | 6,190 | 9,270 | 4,121 | 5,149 |
| <i>METH</i> | 2,255 | 2,832 | 3,501 | 1,524 | 1,977 |
| <i>MDMA</i> | - | - | 51 | - | 51 |
| <i>MDA</i> | - | - | 22 | - | 22 |
| <i>MDEA</i> | - | - | 2 | - | 2 |
| Cocaine | 6,231 | 5,845 | 7,771 | 3,396 | 4,375 |
| Opiates | 4,794 | 4,571 | 4,643 | 2,237 | 2,406 |
| <i>Codeine</i> | 2,257 | 2,394 | 2,462 | 1,107 | 1,355 |
| <i>Morphine</i> | 2,700 | 2,980 | 3,018 | 1,600 | 1,418 |
| <i>6-AM</i> | 173 | 281 | 298 | 126 | 172 |
| PCP | 681 | 632 | 650 | 295 | 355 |
| THC | 19,005 | 21,188 | 20,664 | 11,054 | 9,610 |

** Reflects new cutoff concentrations for Amphetamine, Methamphetamine, and Cocaine; new procedures for 6-AM testing; new testing for MDMA

6-AM Positive Results Through Five Consecutive 6-Month Periods

| | 2008 July-Dec | 2009 Jan-June | 2009 July-Dec | 2010 Jan-June | 2010 July-Dec |
|---------------|------------------|------------------|------------------|------------------|------------------|
| Total Results | 2,850,106 | 2,594,149 | 2,569,016 | 2,685,937 | 2,777,896 |
| <i>6-AM</i> | 121 | 158 | 173 | 281 | 298 |

6-AM Positives: CY 2009 - 331; CY 2010 - 579