Drug-Related Trends in New Mexico

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# Drug-Induced Death Rates
## Leading States, US, 2005

<table>
<thead>
<tr>
<th>Rank</th>
<th>State</th>
<th>Deaths per 100,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Utah</td>
<td>21.3</td>
</tr>
<tr>
<td>2</td>
<td>New Mexico</td>
<td>20.9</td>
</tr>
<tr>
<td>3</td>
<td>Nevada</td>
<td>19.2</td>
</tr>
<tr>
<td>4</td>
<td>Louisiana</td>
<td>17.0</td>
</tr>
<tr>
<td>5</td>
<td>Kentucky</td>
<td>15.8</td>
</tr>
<tr>
<td></td>
<td>US</td>
<td>11.2</td>
</tr>
</tbody>
</table>

_Sources: CDC Wonder_
_Rates are age-adjusted to the 2000 US Standard Population._
Drug-Caused Death Rates and Manner:
New Mexico, 1990-2008

Source: The New Mexico Office of the Medical Investigator
Rates are age-adjusted to the 2000 US Standard Population.
Drug-Induced Death Rates
New Mexico and U.S., 1990-2008*

Deaths per 100,000 persons

Data Sources: US: CDC Wonder; NM: Vital Records and Health Statistics, NMDOH
Rates are age-adjusted to the 2000 US Standard Population.

*2007-08 data are preliminary
Percent of Years of Potential Life Lost for Leading Causes of Death: New Mexico 2006

All Other Unintentional Injury: 18.6%
Malignant Neoplasms
Suicide
Unintentional Overdose: 8.7%
Heart Disease
Perinatal Period
Homicide
Congenital Anomalies
Liver Disease
DM
Cerebrovascular
Other

All Causes = 91,859 YPLL
Unintentional Overdose:
- 32% of all unint injury
- ~9% of total

Source: National Center for Health Statistics Vital Statistics System; YPLL before age 65
Years of Potential Life Lost for Unintentional Overdose by Sex: New Mexico, 1999-2006

Source: National Center for Health Statistics Vital Statistics System; YPLL before age 65
Note: Groups are not mutually exclusive

Data Source: The New Mexico Office of the Medical Investigator

Rates are age-adjusted to the 2000 US Standard Population.

n=4,063
Unintentional Overdose Death Rates by Type of Drug: New Mexico 1990-2008

Note: Groups are mutually exclusive

Data Source: The New Mexico Office of the Medical Investigator
Rates are age-adjusted to the 2000 US Standard Population.

n=4,063
Unintentional Drug-Specific Overdose Death Rates:
New Mexico 1990-2008

Note: Specific drugs are not mutually exclusive
Data Source: The New Mexico Office of the Medical Investigator
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Unintentional Overdose Death Rates by the Most Common Drug Type Combinations, New Mexico, 1990-2005


Data Source: The New Mexico Office of the Medical Investigator

Rates are age-adjusted to the 2000 US Standard Population.
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Deaths per 100,000 persons

Opioids
Her

Data Source: The New Mexico Office of the Medical Investigator
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Opioids  Her  Her+etoh

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Data Source: The New Mexico Office of the Medical Investigator
Rates are age-adjusted to the 2000 US Standard Population.
Unintentional Rx Opioid Poisoning Death Rates by Schedule, New Mexico, 1990-2008

Deaths per 100,000 persons

14
12
10
8
6
4
2
0


Methadone
Schedule II other than methadone
Schedule III/IV
Total opioids

Note: Specific drugs are not mutually exclusive
Data Source: The New Mexico Office of the Medical Investigator
Rates are age-adjusted to the 2000 US Standard Population.
Unintentional Overdose Death Rates by Race/Sex Strata, New Mexico, 1990-2008

Data Source: The New Mexico Office of the Medical Investigator
Rates are age-adjusted to the 2000 US Standard Population.
Unintentional Prescription Opioid Poisoning Death Rates by Race/Sex Strata, New Mexico, 1990-2008

Data Source: The New Mexico Office of the Medical Investigator
Rates are age-adjusted to the 2000 US Standard Population.
Unintentional Heroin Overdose Death Rates by Race/Sex Strata, New Mexico, 1990-2008

Data Source: The New Mexico Office of the Medical Investigator
Rates are age-adjusted to the 2000 US Standard Population.
Unintentional Overdose Death Rates by Types of Illicit Drugs Causing Death: New Mexico and Regions, 2006-2008

Note: Specific drugs are not mutually exclusive

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Rates are age-adjusted to the 2000 US Standard Population.
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Note: Specific drugs are not mutually exclusive
Data Source: The New Mexico Office of the Medical Investigator
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Unintentional Drug Overdose Death Rates by Region: New Mexico, 1990-2008

Data Source: The New Mexico Office of the Medical Investigator
Rates are age-adjusted to the 2000 US Standard Population.
### Drug Use Prevalence Among New Mexicans Aged 12 and Older, NSDUHs 2004-2006

<table>
<thead>
<tr>
<th></th>
<th>US</th>
<th>NM</th>
<th>NW (21%)</th>
<th>NE (15%)</th>
<th>Bern (31%)</th>
<th>SE (13%)</th>
<th>SW (20%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Any illicit drug use, past m**</td>
<td>8.1</td>
<td>9.3</td>
<td>9.2</td>
<td>10.65</td>
<td>10.0</td>
<td>7.65</td>
<td>8.3</td>
</tr>
<tr>
<td>Marijuana use, past m*</td>
<td>6.0</td>
<td>7.0</td>
<td>6.5</td>
<td>8.5</td>
<td>7.6</td>
<td>5.7</td>
<td>6.4</td>
</tr>
<tr>
<td>Cocaine use, past yr</td>
<td>2.4</td>
<td>2.6</td>
<td>2.7</td>
<td>2.3</td>
<td>2.9</td>
<td>2.4</td>
<td>2.4</td>
</tr>
<tr>
<td>Nonmedical use of Rx painkillers, past yr</td>
<td>4.9</td>
<td>5.6</td>
<td>5.2</td>
<td>5.1</td>
<td>6.2</td>
<td>5.7</td>
<td>5.4</td>
</tr>
<tr>
<td>Illicit drug abuse or dependence, past yr*</td>
<td>2.9</td>
<td>3.1</td>
<td>3.7</td>
<td>2.6</td>
<td>3.1</td>
<td>2.6</td>
<td>3.0</td>
</tr>
<tr>
<td>Needed but not rec’d tx for illicit drug use, past yr*</td>
<td>2.6</td>
<td>2.8</td>
<td>3.5</td>
<td>2.2</td>
<td>2.7</td>
<td>2.6</td>
<td>2.8</td>
</tr>
</tbody>
</table>

*Source: National Survey on Drug Use and Health, 2004-2006*
Number of Treatment Admissions by Primary Substance of Abuse: New Mexico, 2006 – 2008

Note: Amphetamine includes methamphetamine
Source: Treatment Episode Data Set, as of May 2009
Heroin: Number of Treatment Admissions and Overdose Deaths*, New Mexico 2000-2008

* ME data were multiplied by 10 in order to compare with treatment admissions
Data Sources: Behavioral Health Services Division, NM Human Services Department, as of May 2009; The New Mexico Office of the Medical Examiner
Number of Hospital Discharges by Primary Drug-Related Diagnosis, New Mexico 2004-2008

Data Source: Hospital Inpatient Discharge Dataset, NM Health Policy Commission, as of July 2009
Case Control Study of Prescription Drug Overdose Deaths

- The New Mexico Board of Pharmacy, the Office of the Medical Investigator, the Department of Health and the Centers for Disease Control and Prevention

- **Purpose and Objective:**
  - Better understand factors at the individual level that lead up to controlled substance (CS) Rx drug poisoning death
  - To determine patterns of drug use, dispensing and/or prescribing that are more likely to result in drug poisoning death
All PMP individuals

OMI deaths not found in PMP because:
1. CS from another state, directly from provider
2. CS prescribed to another person
3. CS illegally obtained
4. Lack of match (data or process related)

All OMI CS Rx drug deaths
Case Control Study of Prescription Drug Overdose Deaths

- Potential implications:
  - Patterns associated with increased risk of death might serve as ‘markers’ that could be used proactively by Board of Pharmacy and providers in identifying at-risk patients
    - Boost physician participation in the PMP; target education efforts in identified areas of population risk
  - Characterize unmatched decedent case patients
    - extent of CS Rx drugs obtained illegally, from family/friends
  - Promote the development of prevention programs and policy aimed at reducing individual risk
  - Clarify use patterns in NM
  - Measure the ‘universe’ of CS users in NM
Examples of Current State-level Activities to Prevent Drug Overdose Death

- Ongoing surveillance/generate treatment need estimates
- Harm reduction
- SOTA is implementing a requirement expecting Opiate Treatment Programs to access the PMP
- Development of drug take-back program, disposal program
- Promotion of interagency task forces
- Medicaid patient review
- Drug Courts for non-violent offenders