Heaven’s Gate

by the

Hackrabbits
Opioids Are Killing Us

Arizona Department of Health Services
City of Mesa Fire and Medical Overdose Incidents

Arizona since June, 2017: **2325**
Mesa since June, 2017: **116**
Incidents in Mesa since June, 2017: **830**
The Solution is Obvious

Governor’s Office of Youth, Faith and Family
Resources Exist
Governor’s Office of Youth, Faith and Family
13 Million for the Opioid Epidemic
Interview
Aaron Raine, Police Liaison to the City Manager
Jessica Scannell, Arizona Angel Initiative
But the Pathway is Hard

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Aaron Raine, Police Liaison to the City Manager
Psychiatrist Brigham Nicoll, MD, Maricopa County Hospital
Dr. Ember Conley, Superintendent, Mesa Public Schools

Image and Article
East Valley Tribune, Jan 6, 2019
Mesa police try to help break addicts' arrest cycle
Addicts Don’t Know What to Do

Interviews
Aaron Raine, Police Liaison to the City Manager
Psychiatrist Brigham Nicoll, MD, Maricopa County Hospital
Dr. Ember Conley, Superintendent, Mesa Public Schools

Image and Article
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The Solution
Heaven's Gate

- facility
- kiosk
- app
We Know Where Addicts Are

Country Club and Main
MCC West Side of Campus
Alma School and Main
Power and the 60 Freeway

Source
mesa-az

Fire and Medical Opioid Overdose Incidents
We Know Where They’re Being Detained

Source

Police Dispatch Incidents
The Facility
Country Club and Main
The Kiosk
Psychiatrist Brigham Nicoll, MD
Maricopa County Hospital

### DSM-5 Criteria for Diagnosis of Opioid Use Disorder

**Diagnostic Criteria**: These criteria are not intended to be used for individuals taking opioids solely under appropriate medical supervision.

Check all that apply:

<table>
<thead>
<tr>
<th>Criteria</th>
</tr>
</thead>
<tbody>
<tr>
<td>Opioids are often taken in larger amounts or over a longer period of time than intended.</td>
</tr>
<tr>
<td>There is a persistent desire or unsuccessful efforts to cut down or control opioid use.</td>
</tr>
<tr>
<td>A great deal of time is spent in activities necessary to obtain the opioid, use the opioid, or recover from its effects.</td>
</tr>
<tr>
<td>Craving, or a strong desire to use opioids.</td>
</tr>
<tr>
<td>Recurrent opioid use resulting in failure to fulfill major role obligations at work, school or home.</td>
</tr>
<tr>
<td><strong>DSM 5</strong></td>
</tr>
<tr>
<td>Continued opioid use despite having persistent or recurrent social or interpersonal problems caused or exacerbated by the effects of opioids.</td>
</tr>
<tr>
<td>Important social, occupational or recreational activities are given up or reduced because of opioid use.</td>
</tr>
<tr>
<td>Recurrent opioid use in situations in which it is physically hazardous</td>
</tr>
<tr>
<td>Continued use despite knowledge of having a persistent or recurrent physical or psychological problem that is likely to have been caused or exacerbated by opioid use.</td>
</tr>
</tbody>
</table>
The App
Partnerships

- United Way
- Mesa United Way
- CBI Community Bridges, Inc.
- Arizona Angel Initiative
- The Salvation Army
- Midwest Food Bank
# The Cost of Inaction

## Incident Frequency Chart

<table>
<thead>
<tr>
<th>Type</th>
<th>Frequency</th>
<th>City</th>
<th>Time Frame</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of law enforcement incidents</td>
<td>2099</td>
<td>Mesa</td>
<td>1/2/2017 to 12/31/2018</td>
<td>Police Dispatch Events Type - Drugs (2nd dataset)</td>
</tr>
<tr>
<td>Number of EMS overdose calls</td>
<td>830</td>
<td>Mesa</td>
<td>6/14/2017 - 12/19/2018</td>
<td>Fire and Medical Opioid Overdose Incidents (1st dataset)</td>
</tr>
</tbody>
</table>

## By the Numbers:

- # of Law enforcement Incidents $\times (\text{inclusive cost of arrest + court}) = \text{Opioid Law Costs}$
  
  \[ 2099 \times (200 + 66 + 170) = 915164 \]

- # of EMS Overdoses Incidents $\times \text{Cost of medical Response} = \text{Opioid Medical Costs}$
  
  \[ 830 \times 8374 = 6950420 \]

- Opioid Law Costs + Opioid Medical Costs = Total costs
  
  \[ 915164 + 6950420 = 7,865,584 \]
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