SAWA OnPOINT
What if?

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Objective

**Challenge you**

to make greater use of your data
to improve the welfare of your animals

*Animal welfare is everyone’s business!*™
Starting with 2 premises

- You already devote significant resources to data collection
- You are interested in another powerful tool to improve the welfare of your animals
What if you could

More effectively target your S/N programs?

GIS MAP OF CLUSTERS OF KITTEN INTAKE 2009-2011
What if you could Evaluate the effectiveness of your S/N programs?
PERCENTAGE PIT BULL-TYPE DOG INTAKE
2008 - 2011

YEAR

2008: 20%
2009: 18%
2010: 14%
2011: 16%

n=790, n=457, n=533, n=479
What if you realized that

A few animals had a disproportionate influence on your ALOS?
What does an average tell you?

2010 cats

Number of Cats

DAYS

0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 More
What if you realized that

ALOS was principally affected by time on __________________
  ❖ Time awaiting S/N?
  ❖ In holding?
  ❖ On the adoption floor?
MEDIAN TIME TO EVENTS AND PROCEDURES IN CATS THAT WERE ADOPTED: 2010 - 2014
Median LOS by Year - Unweaned vs. Juvenile vs. Adult Cats

<table>
<thead>
<tr>
<th>Year</th>
<th>Unweaned</th>
<th>Juvenile</th>
<th>Adult</th>
</tr>
</thead>
<tbody>
<tr>
<td>2008</td>
<td>59.9</td>
<td>45.9</td>
<td>39.8</td>
</tr>
<tr>
<td>2009</td>
<td>58.3</td>
<td>37.2</td>
<td>38.1</td>
</tr>
<tr>
<td>2010</td>
<td>55.1</td>
<td>32.1</td>
<td>34.0</td>
</tr>
</tbody>
</table>
What if you realized that

the highest risk of feline URI was during the winter?
Tracking incidence of URI over time

Percent of cats that developed URI: 1/10-6/11

<table>
<thead>
<tr>
<th>Month/Year</th>
<th>Incidence of URI</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2010</td>
<td>45%</td>
</tr>
<tr>
<td>2/2010</td>
<td>35%</td>
</tr>
<tr>
<td>3/2010</td>
<td>25%</td>
</tr>
<tr>
<td>4/2010</td>
<td>20%</td>
</tr>
<tr>
<td>5/2010</td>
<td>15%</td>
</tr>
<tr>
<td>6/2010</td>
<td>10%</td>
</tr>
<tr>
<td>7/2010</td>
<td>5%</td>
</tr>
<tr>
<td>8/2010</td>
<td>0%</td>
</tr>
<tr>
<td>9/2010</td>
<td>0%</td>
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<tr>
<td>10/2010</td>
<td>0%</td>
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<tr>
<td>11/2010</td>
<td>0%</td>
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<tr>
<td>12/2010</td>
<td>0%</td>
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<tr>
<td>1/2011</td>
<td>0%</td>
</tr>
<tr>
<td>2/2011</td>
<td>0%</td>
</tr>
<tr>
<td>3/2011</td>
<td>0%</td>
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<tr>
<td>4/2011</td>
<td>0%</td>
</tr>
<tr>
<td>5/2011</td>
<td>0%</td>
</tr>
<tr>
<td>6/2011</td>
<td>0%</td>
</tr>
</tbody>
</table>
What if you realized that

~ 25% of your cats developed URI in the winter?
MedLOS, Ave Daily Census and URI: 2010 and 2011

Incidence of feline URI

- AveDaily census (Jan-May):
  - 2010 – 193
  - 2011 – 119

- MedLOS
  - 2010 - 33
  - 2011 - 25
What if you realized that

Only 72% of your fostered kittens survived last year?
Un-weaned kitten survival in foster care

Surviving / unweaned kittens

- 0-4 Weeks

2008: 70%
2009: 80%
2010: 90%
2011: 100%
What if you realized that

Your senior cats stayed almost two times longer after developing URI than young adult cats?
Effect of age and URI on median length of stay

### Graph

- **Y-axis**: Days
- **X-axis**: Age Group
  - Juvenile
  - Young Adult
  - Adult
  - Senior

#### Legend
- **Orange**: Time to URI
- **Blue**: Time After URI
- **Brown**: No URI - Total LOS

#### Data

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Time to URI</th>
<th>Time After URI</th>
<th>No URI - Total LOS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Juvenile</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Young Adult</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Adult</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Senior</td>
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</table>
What if

You could learn these things and more from your data

AND

Improve the effectiveness of your programs and the welfare of your animals?
Challenge

Envision ways that your data can help you
AND
Then use the information you have already collected!
Thank you and Questions?

(Other references in the book)