



Dayton Southeast Weed and Seed



ONE OF OUR GOALS

- To bring Weed and Seed residents together in their community and teach them to report crime or incidences promptly.

INFORMATION IS A KEY!

- One of the ways we accomplish our goal is by providing neighborhood police and leaders with information **and tools to help them motivate residents**



WHICH TOOLS SHOULD WE START WITH . . .

**TARGET AREA CRIME STATISTICS
SUMMARY REPORT**

**NOTE: All data is provided from NIBRS database by
Jonathan Day of the Dayton Police Department Crime
Analysis Unit**

**GEOMAPPING NEIGHBORHOODS AND
THE CRIME THAT PERMEATES THEM**

**A picture is worth a thousand statistics – show someone
their home and the crime going on around it and you will
make an impact on them that will last**



What is the National Incident-Based Reporting System (NIBRS)?

- The NIBRS is an incident-based reporting system in which agencies collect data on each single crime occurrence. NIBRS data come from local, state, and federal automated records' systems.
- The NIBRS collects data on each single incident and arrest within 22 offense categories made up of 46 specific crimes called Group A offenses. In addition to the Group A offenses, there are 11 Group B offense categories for which only arrest data are reported.



CRIME STATS REPORT

- Consists of:
 - One page for target area totals
 - One page for each police sector
 - One page that summarizes Dayton as a whole (*currently under development*)
 - One trend chart for each NIBRS crime category



CRIME STATS REPORT

- Each page consists of two sections:
 - Crime Stats Summary, and
 - Annual Growth Summary
- These reports cover each of the following crime categories

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- Assault Offenses
 - Burglary/Breaking & Entering
 - Destruction/Damage/Vandalism
 - Drug/Narcotic Offenses
 - Homicide Offenses
 - Larceny/Theft Offenses
 - Motor Vehicle Theft

- Prostitution Offenses
- Robbery
- Sex Offenses (Forcible)
- Sex Offenses (Non-Forcible)
- Stolen Property Offenses
- Weapon Law Violations



IMPORTANT NOTICE

- The following data is taken from the Dayton Northwest Weed and Seed training presentation as does not reflect the statistics of the Dayton Southeast Weed and Seed target area.
- An up-to-date training presentation with DSEWS data is under construction and will replace this current presentation in the near future.
- This current presentation is sufficient to explain the use of the crime stats instruments on this website.



CRIME STATS REPORT

- Let's look at a page and see how it works
- We will start out with the target area roll-up page that includes all police sectors 416, 420, 424, 426, 428, 430, 432, 434, 436, 490
- Remember that each police sector page can be interpreted the same way as the target area roll-up page

TARGET AREA CRIME STATISTICS

(Actual Arrests Only)

	QTR	Assault Offenses	Burglary/ Breaking & Entering	Destruction/ Damage/ Vandalism	Drug/Narcotic Offenses	Homicide/ Offenses	Larceny/ Theft Offenses	Motor Vehicle Theft	Prostitution Offenses	Robbery	Sex Offenses (Forcible)	Sex Offenses (Non-Forcible)	Stolen Property Offenses	Weapon Law Violations
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2004	4th	114	67	82	41	0	88	68	7	15	6	1	12	21
2005	1st	122	51	51	41	0	88	68	7	15	6	1	10	25
2005	2nd	149	35	46	41	0	88	68	7	15	6	1	7	23
2005	3rd	139	63	65	41	0	88	68	7	15	6	1	11	28
2005	4th	104	49	39	41	0	88	68	7	15	6	1	8	15
2006	1st	112	48	47	41	0	88	68	7	15	6	1	7	11
2006	2nd	133	66	53	41	0	88	68	7	15	6	1	7	18
2006	3rd	146	69	55	41	0	88	68	7	15	6	1	13	16
2006	4th	97	88	61	41	0	88	68	7	15	6	1	6	17
2007	1st	106	56	41	62	2	51	19	4	14	6	1	9	15
2007	2nd	138	76	63	49	3	72	18	0	13	7	1	4	22
2007	3rd	151	84	73	41	1	68	20	0	20	7	0	9	19
2007	4th	111	48	56	34	0	58	31	0	13	1	1	6	13
2008	1st	116	57	40	52	6	59	37	0	20	6	1	7	17
2008	2nd	0	0	0	0	0	0	0	0	0	0	0	0	0

- Each crime category that we are tracking is listed across the top of the page.
- Each quarter since the beginning of 2004 is listed in the 2 left-most columns

TARGET AREA CRIME STATISTICS

(Actual Arrests Only)

	QTR	Assault Offenses	Burglary/ Breaking & Entering	Destruction/ Damage/ Vandalism	Drug/Narcotic Offenses	Homicide/ Offenses	Larceny/ Theft Offenses	Motor Vehicle Theft	Prostitution Offenses	Robbery	Sex Offenses (Forcible)	Sex Offenses (Non-Forcible)	Stolen Property Offenses	Weapon Law Violations
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2008	1st	116	57	40	52	6	59	37	0	20	6	1	7	17
2008	2nd	0	0	0	0	0	0	0	0	0	0	0	0	0

- Notice that the 2nd and 3rd quarters of 2004 and 2005 show each year's highest arrest levels.
- This could be a sign of a trend forming

TARGET AREA CRIME STATISTICS

(Actual Arrests Only)

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2008	2nd	0	0	0	0	0	0	0	0	0	0	0	0	0

- Same thing goes for 2006
- Let's see if this holds true for 2007 as well

TARGET AREA CRIME STATISTICS

(Actual Arrests Only)

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2008	2nd	0	0	0	0	0	0	0	0	0	0	0	0	0

- Yep! It sure does.
- What does this tell us?

TARGET AREA CRIME STATISTICS

(Actual Arrests Only)

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TREND

- Obviously, this tells us that assaults run highest from April through September
- That's right, during the better weather when school is out and everyone has more unstructured time on their hands

TARGET AREA CRIME STATISTICS

(Actual Arrests Only)

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2008	2nd	0	0	0	0	0	0	0	0	0	0	0	0	0

- So, does this trend show up anywhere else?
- How about Larceny/Theft Offenses category
- Again, we see another category that follows the same trend and reasoning

TARGET AREA CRIME STATISTICS

(Actual Arrests Only)

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2008	2nd	0	0	0	0	0	0	0	0	0	0	0	0	0

TREND

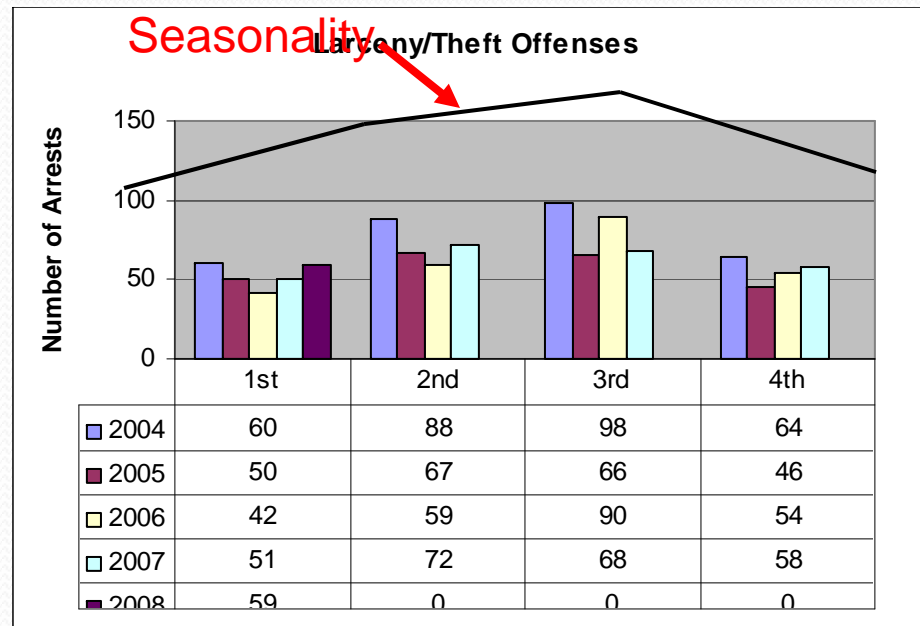
ANOTHER TREND

TARGET AREA CRIME STATISTICS

(Actual Arrests Only)

- So, what does this tell us that we need to do to reduce these categories of crime?
- The beauty of the Crime Stats Report is that each neighborhood can now target their own police sector(s) for determining their own strategies

CHARTS - Trends





Annual Growth Report

- Let's look at one more example, that of homicides
- For this we refer to the Annual Growth Summary, seen on the bottom half of each Crime Stats Report page
- This section compares growth of crime categories from year to year

TARGET AREA CRIME STATISTICS

(Actual Arrests Only)

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					39	1	59	36	4	18	8	2	7	18
					66	1	90	46	6	17	6	3	13	16
					36	4	54	35	0	20	5	0	6	17
					62	2								5
					49	3								2
					41	1								9
					34	0								3
					52	6								7
					0	0	0	0	0	0	0	0	0	0

- In the 1st quarter of 2008, 6 homicides occurred in the target area
- No seasonality trend exists – police will often tell you that it is a crime they cannot control
- The only potential trend seems to be long-term growth (see the next slide) - possibly as a means to settling arguments, drug conflicts, and random gang shootings

6 HOMICIDES IN FIRST QUARTER

ANNUAL SUMMARY FOR TARGET AREA

	Assaults	Burglary/ Breaking & Entering	Destruction/ Damage/ Vandalism	Drug/ Narcotic Offenses	Homicide/ Offenses	Larceny/ Theft Offenses	Motor Vehicle Theft	Prostitution Offenses	Robbery	Sex Offenses (Forcible)	Sex Offenses (Non-Forcible)	Stolen Property Offenses	Weapon Law Violations
2004 TOTALS	494	314	325	168	3	310	192	37	73	28	2	58	79
2005 TOTALS	514	198	201	164	4	2							91
% CHANGE	4%	-37%	-38%	-2%	33%	-25%	-97%	-97%	-97%	-29%	-87%	-88%	15%
2006 TOTALS	488	271	216	193	9	245	151	14	71	24	5	33	62
% CHANGE	-5%	37%	7%	18%	125%	7%	-26%	-18%	0%	14%	150%	-8%	-32%
2007 TOTALS	506	264	233	186	6	249	88	4	60	21	3	28	69
% CHANGE	4%	-3%	8%	-4%	-33%	2%	-42%	-71%	-15%	-13%	-40%	-15%	11%
2008 TOTALS	116	57	40	52	6	59	37	0	20	6	1	7	17
% CHANGE	-77%	-78%	-83%	-72%	0%	-76%	-58%	-100%	-67%	-71%	-67%	-75%	-75%

• A 33% increase in 2005 over 2004

ANNUAL SUMMARY FOR TARGET AREA

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% CHANGE	-77%	-78%	-83%	-72%	0%	-76%	-58%	-100%	-67%	-71%	-67%	-75%	-75%

- A 33% increase in 2005 over 2004
- A 125% increase in 2006 over 2005

ANNUAL SUMMARY FOR TARGET AREA

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- A 33% increase in 2005 over 2004
- A 125% increase in 2006 over 2005
- A reduction in 2007 **BUT** 2007 is still a 50% increase over 2004

ANNUAL SUMMARY FOR TARGET AREA

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2008 TOTALS	116	57	40	52	6	6							17
% CHANGE	-77%	-78%	-83%	-72%	0%	-7%							5%

- A 33% increase in 2005 over 2004
- A 125% increase in 2006 over 2005
- A reduction in 2007 **BUT** 2007 is still a 50% increase over 2004
- There is no telling how high 2008 will go – since it matches all of 2007 in just the 1st quarter



GEOMAPPING

- Finally, let's talk about geomapping
- Geomapping allows real crime or other data to be plotted on neighborhood maps for analyzing problems
- If a *“picture is worth a thousand words”* then a *“map is worth a thousand points of data”*



GEOMAPPING

- **FOR EXAMPLE, which will impact residents about their neighborhoods most**
 1. There were 391 drug arrests in your target area over the last 3 years
 2. On the next page, you will find a map that demonstrates the transition of the highest drug arrest activity from a commercial area just east of downtown Dayton in 2004 to north along Salem Avenue adjacent to the Dayton View Triangle in 2007

TRANSITION OF DRUG ARRESTS FROM 2004/5 TO 2007

