

AREA REPORTED

Data Entry Section

State : Nebraska

County : Madison

Reporting Period 1/1/2010
through 12/31/2010

	Total Youth	White	Black or African-American	Hispanic or Latino	Asian	Native Hawaiian or other Pacific Islanders	American Indian or Alaska Native	Other/ Mixed	All Minorities
1. Population at risk (age 10 through 17)	4,309	3,494	77	636	21	0	81	0	815
2. Juvenile Arrests	422	338	21	43	0	0	13	7	84
3. Refer to Juvenile Court	163	85	4	68	0	0	4	2	78
4. Cases Diverted	305	143	15	124	3	0	20	0	162
5. Cases Involving Secure Detention	21	7	0	12	0	0	2	0	14
6. Cases Petitioned (Charge Filed)	163	85	4	68	0	0	4	2	78
7. Cases Resulting in Delinquent Findings	223	111	11	67	1	0	12	21	112
8. Cases resulting in Probation Placement	105	59	4	37	0	0	5	0	46
9. Cases Resulting in Confinement in Secure Juvenile Correctional Facilities	37	15	1	14	0	0	6	1	22
10. Cases Transferred to Adult Court	2	1	0	1	0	0	0	0	1

Meets 1% rule for group to be assessed?

Yes Yes Yes No No Yes No

release date: March, 2011

5. DATA SOURCES & NOTES

Item 1.Population:OJJDP Easy Access to Juv. Populations

Item 3.Referral: NE Supreme Court

Item 5.Detention: NE State Probation

Item 7.Delinquent: NE Crime Commission

Item 9.Confinement: YRTC's-Peg Barner

Item 2.Arrest: NE Crime Commission

Item 4.Diversion: Madison County-Sherry Peterson

Item 6.Petitioned: NE Supreme Court

Item 8.Probation: NE State Probation

Item 10.Transferred: NE Supreme Court

1. AREA REPORTED

FOCAL GROUP: White

State : Nebraska

Reporting Period

County : Madison

through 12/31/2010 **Reference Group: White**

Data Items	Rate of Occurrence - Reference Group	Rate of Occurrence - Focal Group	Relative Rate Index
1. Population at risk (age 10 through 17)			
2. Juvenile Arrests	96.74	96.74	1.00
3. Refer to Juvenile Court	25.15	25.15	1.00
4. Cases Diverted	168.24	168.24	1.00
5. Cases Involving Secure Detention	8.24	8.24	1.00
6. Cases Petitioned (Charge Filed)	100.00	100.00	1.00
7. Cases Resulting in Delinquent Findings	130.59	130.59	1.00
8. Cases resulting in Probation Placement	53.15	53.15	1.00
9. Cases Resulting in Confinement in Secure Juvenile Correctional Facilities	13.51	13.51	1.00
10. Cases Transferred to Adult Court	1.18	1.18	**

release date: March, 2011

Key:

Statistically significant results:

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Results that are not statistically significant

Regular font

Group is less than 1% of the youth population

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Insufficient number of cases for analysis

**

Missing data for some element of calculation

Definitions of rates:

Recommended Base	Base Used
2. Arrests of Juveniles - rate per 1000 population	per 1000 youth
3. Referrals to Juvenile Court - rate per 100 arrests	per 100 arrests
4. Cases involving Diversion before adjudication - rate per 100 referrals	per 100 referrals
5. Cases involving Detention - rate per 100 referrals	per 100 referrals
6. Cases Petitioned - rate per 100 referrals	per 100 referrals
7. Delinquent Findings - rate per 100 youth petitioned (charged)	per 100 youth petitioned
8. Probation placements - rate per 100 youth found delinquent	per 100 youth found delinquent
9. Placement in secure corrections - rate per 100 youth found delinquent	per 100 youth found delinquent
10. Transfers to adult court - rate per 100 youth petitioned	per 100 youth petitioned

comments - section for caclulating the base for rate calculations - we do a 'bubble sort' to replace any zero or missing bases with the value of the preceding stage - also keep track of labeles!

actual base	minority	pref base
per 1000 youth	3	per 1000 youth
per 100 arrests	3	per 100 arrests
per 100 referrals	1	per 100 referrals
per 100 youth petitioned	0.85	per 100 youth petitioned
per 100 youth found delinquent	1.11	per 100 youth found delinquent
per 1000 youth	3	per 1000 youth
per 100 arrests	3.38	per 100 arrests
per 100 referrals	0.85	per 100 referrals
per 100 youth petitioned	0.85	per 100 youth petitioned
per 100 youth found delinquent	1.11	per 100 youth found delinquent
per 1000 youth	3	per 1000 youth
per 100 arrests	3.38	per 100 arrests
per 100 referrals	0.85	per 100 referrals
per 100 youth petitioned	0.85	per 100 youth petitioned
per 100 youth found delinquent	1.11	per 100 youth found delinquent

per 1000 youth	3
per 100 arrests	3.38
per 100 referrals	0.85
per 100 youth petitioned	0.85
per 100 youth found delinquent	1.11

comment - the following are the final values to be used in calculations

per 1000 youth	3
per 100 arrests	3.38
per 100 referrals	0.85
per 100 youth petitioned	0.85
per 100 youth found delinquent	1.11

per 1000 youth
per 100 arrests
per 100 referrals
per 100 youth petitioned
per 100 youth found delinquent

per 1000 youth
per 100 arrests
per 100 referrals
per 100 youth petitioned
per 100 youth found delinquent

1. AREA REPORTED

State : Nebraska
 County : Madison

Reporting Period 1/1/2010
 through 12/31/2010

FOCAL GROUP: Black or African-
Reference Group: White

Data Items	Total Number of Reference Group	Rate of Occurrence - Reference Group	Total Number In Focal Group	Rate of Occurrence - Focal Group	Relative Rate Index
1. Population at risk (age 10 through 17)	3,494		77		
2. Juvenile Arrests	338	96.74	21	272.73	2.82
3. Refer to Juvenile Court	85	25.15	4	19.05	**
4. Cases Diverted	143	168.24	15	375.00	**
5. Cases Involving Secure Detention	7	8.24	-	0.00	**
6. Cases Petitioned (Charge Filed)	85	100.00	4	100.00	**
7. Cases Resulting in Delinquent Findings	111	130.59	11	275.00	**
8. Cases resulting in Probation Placement	59	53.15	4	36.36	**
9. Cases Resulting in Confinement in Secure Juvenile Correctional Facilities	15	13.51	1	9.09	**
10. Cases Transferred to Adult Court	1	1.18	-	0.00	**

release date: March, 2011

Key:

Statistically significant results:

Results that are not statistically significant

Group is less than 1% of the youth population

Insufficient number of cases for analysis

Missing data for some element of calculation

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Regular font

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Definitions of rates:

Recommended Base	Base Used
2. Arrests of Juveniles - rate per 1000 population	per 1000 youth
3. Referrals to Juvenile Court - rate per 100 arrests	per 100 arrests
4. Cases involving Diversion before adjudication - rate per 100 referrals	per 100 referrals
5. Cases involving Detention - rate per 100 referrals	per 100 referrals
6. Cases Petitioned - rate per 100 referrals	per 100 referrals
7. Delinquent Findings - rate per 100 youth petitioned (charged)	per 100 youth petitioned
8. Probation placements - rate per 100 youth found delinquent	per 100 youth found delinquent
9. Placement in secure corrections - rate per 100 youth found delinquent	per 100 youth found delinquent
10. Transfers to adult court - rate per 100 youth petitioned	per 100 youth petitioned

comments - section for caclulating the base for rate calculations - we do a 'bubble sort' to replace any zero or missing bases with the value of the preceding stage - also keep track of labeles!

actual base	white	minority max		pref base
per 1000 youth	3	0	3	per 1000 youth
per 100 arrests	3	0	3	per 100 arrests
per 100 referrals	1	0	1	per 100 referrals
per 100 youth petitioned	0.85	0.04	1	per 100 youth petitioned
per 100 youth found delinquent	1.11	0.11	1	per 100 youth found delinquent
per 1000 youth	3	0	3	per 1000 youth
per 100 arrests	3.38	0.21	3.38	per 100 arrests
per 100 referrals	0.85	0.04	0.85	per 100 referrals
per 100 youth petitioned	0.85	0.04	0.85	per 100 youth petitioned
per 100 youth found delinquent	1.11	0.11	1	per 100 youth found delinquent
per 1000 youth	3	0	3	per 1000 youth
per 100 arrests	3.38	0.21	3.38	per 100 arrests
per 100 referrals	0.85	0.04	0.85	per 100 referrals
per 100 youth petitioned	0.85	0.04	0.85	per 100 youth petitioned
per 100 youth found delinquent	1.11	0.11	1	per 100 youth found delinquent

per 1000 youth	3	0	3	per 1000 youth
per 100 arrests	3.38	0.21	3.38	per 100 arrests
per 100 referrals	0.85	0.04	0.85	per 100 referrals
per 100 youth petitioned	0.85	0.04	0.85	per 100 youth petitioned
per 100 youth found delinquent	1.11	0.11	1	per 100 youth found delinquent
<i>comment - the following are the final values to be used in calculations</i>				
per 1000 youth	3	0	3	per 1000 youth
per 100 arrests	3.38	0.21	3.38	per 100 arrests
per 100 referrals	0.85	0.04	0.85	per 100 referrals
per 100 youth petitioned	0.85	0.04	0.85	per 100 youth petitioned
per 100 youth found delinquent	1.11	0.11	1	per 100 youth found delinquent

1. AREA REPORTED

State : Nebraska
 County : Madison

Reporting Period
 through 12/31/2010

FOCAL GROUP: Hispanic or Latino
Reference Group: White

Data Items	Rate of Occurrence - Reference Group	Rate of Occurrence - Focal Group	Relative Rate Index
1. Population at risk (age 10 through 17)			
2. Juvenile Arrests	96.74	67.61	0.70
3. Refer to Juvenile Court	25.15	158.14	6.29
4. Cases Diverted	168.24	182.35	1.08
5. Cases Involving Secure Detention	8.24	17.65	2.14
6. Cases Petitioned (Charge Filed)	100.00	100.00	1.00
7. Cases Resulting in Delinquent Findings	130.59	98.53	0.75
8. Cases resulting in Probation Placement	53.15	55.22	1.04
9. Cases Resulting in Confinement in Secure Juvenile Correctional Facilities	13.51	20.90	1.55
10. Cases Transferred to Adult Court	1.18	1.47	**

release date: March, 2011

Key:

- Statistically significant results: **Bold font**
- Results that are not statistically significant: Regular font
- Group is less than 1% of the youth population: *
- Insufficient number of cases for analysis: **
- Missing data for some element of calculation: ---

Definitions of rates:

<u>Recommended Base</u>	<u>Base Used</u>
2. Arrests of Juveniles - rate per 1000 population	per 1000 youth
3. Referrals to Juvenile Court - rate per 100 arrests	per 100 arrests
4. Cases involving Diversion before adjudication - rate per 100 referrals	per 100 referrals
5. Cases involving Detention - rate per 100 referrals	per 100 referrals
6. Cases Petitioned - rate per 100 referrals	per 100 referrals
7. Delinquent Findings - rate per 100 youth petitioned (charged)	per 100 youth petitioned
8. Probation placements - rate per 100 youth found delinquent	per 100 youth found delinquent
9. Placement in secure corrections - rate per 100 youth found delinquent	per 100 youth found delinquent
10. Transfers to adult court - rate per 100 youth petitioned	per 100 youth petitioned

1. AREA REPORTED

FOCAL GROUP: Asian

State : Nebraska
County : Madison

Reporting Period
through 12/31/2010 **Reference Group:** White

Data Items	Rate of Occurrence - Reference Group	Rate of Occurrence - Focal Group	Relative Rate Index
1. Population at risk (age 10 through 17)			
2. Juvenile Arrests	96.74	0.00	*
3. Refer to Juvenile Court	25.15	0.00	*
4. Cases Diverted	168.24	0.00	*
5. Cases Involving Secure Detention	8.24	0.00	*
6. Cases Petitioned (Charge Filed)	100.00	0.00	*
7. Cases Resulting in Delinquent Findings	130.59	0.00	*
8. Cases resulting in Probation Placement	53.15	0.00	*
9. Cases Resulting in Confinement in Secure Juvenile Correctional Facilities	13.51	0.00	*
10. Cases Transferred to Adult Court	1.18	0.00	*

release date: March, 2011

Key:

Statistically significant results:

Bold font

Results that are not statistically significant

Regular font

Group is less than 1% of the youth population

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Insufficient number of cases for analysis

**

Missing data for some element of calculation

Definitions of rates:

<u>Recommended Base</u>	<u>Base Used</u>
2. Arrests of Juveniles - rate per 1000 population	per 1000 youth
3. Referrals to Juvenile Court - rate per 100 arrests	per 100 arrests
4. Cases involving Diversion before adjudication - rate per 100 referrals	per 100 referrals
5. Cases involving Detention - rate per 100 referrals	per 100 referrals
6. Cases Petitioned - rate per 100 referrals	per 100 referrals
7. Delinquent Findings - rate per 100 youth petitioned (charged)	per 100 youth petitioned
8. Probation placements - rate per 100 youth found delinquent	per 100 youth found delinquent
9. Placement in secure corrections - rate per 100 youth found delinquent	per 100 youth found delinquent
10. Transfers to adult court - rate per 100 youth petitioned	per 100 youth petitioned

1. AREA REPORTED

FOCAL GROUP: Native Hawaiian
or other Pacific

State : Nebraska
County : Madison

Reporting Period
through 12/31/2010 **Reference Group:** White

Data Items	Rate of Occurrence - Reference Group	Rate of Occurrence - Focal Group	Relative Rate Index
1. Population at risk (age 10 through 17)			
2. Juvenile Arrests	96.74	0.00	*
3. Refer to Juvenile Court	25.15	0.00	*
4. Cases Diverted	168.24	0.00	*
5. Cases Involving Secure Detention	8.24	0.00	*
6. Cases Petitioned (Charge Filed)	100.00	0.00	*
7. Cases Resulting in Delinquent Findings	130.59	0.00	*
8. Cases resulting in Probation Placement	53.15	0.00	*
9. Cases Resulting in Confinement in Secure Juvenile Correctional Facilities	13.51	0.00	*
10. Cases Transferred to Adult Court	1.18	0.00	*

release date: March, 2011

Key:

Statistically significant results:

Bold font

Results that are not statistically significant

Regular font

Group is less than 1% of the youth population

*

Insufficient number of cases for analysis

**

Missing data for some element of calculation

Definitions of rates:

<u>Recommended Base</u>	<u>Base Used</u>
2. Arrests of Juveniles - rate per 1000 population	per 1000 youth
3. Referrals to Juvenile Court - rate per 100 arrests	per 100 arrests
4. Cases involving Diversion before adjudication - rate per 100 referrals	per 100 referrals
5. Cases involving Detention - rate per 100 referrals	per 100 referrals
6. Cases Petitioned - rate per 100 referrals	per 100 referrals
7. Delinquent Findings - rate per 100 youth petitioned (charged)	per 100 youth petitioned
8. Probation placements - rate per 100 youth found delinquent	per 100 youth found delinquent
9. Placement in secure corrections - rate per 100 youth found delinquent	per 100 youth found delinquent
10. Transfers to adult court - rate per 100 youth petitioned	per 100 youth petitioned

1. AREA REPORTED

FOCAL GROUP: American Indian
or Alaska Native

State : Nebraska
County : Madison

Reporting Period
through 12/31/2010 **Reference Group:** White

Data Items	Rate of Occurrence - Reference Group	Rate of Occurrence - Focal Group	Relative Rate Index
1. Population at risk (age 10 through 17)			
2. Juvenile Arrests	96.74	160.49	1.66
3. Refer to Juvenile Court	25.15	30.77	**
4. Cases Diverted	168.24	500.00	**
5. Cases Involving Secure Detention	8.24	50.00	**
6. Cases Petitioned (Charge Filed)	100.00	100.00	**
7. Cases Resulting in Delinquent Findings	130.59	300.00	**
8. Cases resulting in Probation Placement	53.15	41.67	**
9. Cases Resulting in Confinement in Secure Juvenile Correctional Facilities	13.51	50.00	**
10. Cases Transferred to Adult Court	1.18	0.00	**

release date: March, 2011

Key:

Statistically significant results:

Bold font

Results that are not statistically significant

Regular font

Group is less than 1% of the youth population

*

Insufficient number of cases for analysis

**

Missing data for some element of calculation

Definitions of rates:

<u>Recommended Base</u>	<u>Base Used</u>
2. Arrests of Juveniles - rate per 1000 population	per 1000 youth
3. Referrals to Juvenile Court - rate per 100 arrests	per 100 arrests
4. Cases involving Diversion before adjudication - rate per 100 referrals	per 100 referrals
5. Cases involving Detention - rate per 100 referrals	per 100 referrals
6. Cases Petitioned - rate per 100 referrals	per 100 referrals
7. Delinquent Findings - rate per 100 youth petitioned (charged)	per 100 youth petitioned
8. Probation placements - rate per 100 youth found delinquent	per 100 youth found delinquent
9. Placement in secure corrections - rate per 100 youth found delinquent	per 100 youth found delinquent
10. Transfers to adult court - rate per 100 youth petitioned	per 100 youth petitioned

1. AREA REPORTED

FOCAL GROUP: Other/ Mixed

State : Nebraska
County : Madison

Reporting Period
through 12/31/2010 **Reference Group: White**

Data Items	Rate of Occurrence - Reference Group	Rate of Occurrence - Focal Group	Relative Rate Index
1. Population at risk (age 10 through 17)			
2. Juvenile Arrests	96.74	0.00	*
3. Refer to Juvenile Court	25.15	28.57	*
4. Cases Diverted	168.24	0.00	*
5. Cases Involving Secure Detention	8.24	0.00	*
6. Cases Petitioned (Charge Filed)	100.00	100.00	*
7. Cases Resulting in Delinquent Findings	130.59	1,050.00	*
8. Cases resulting in Probation Placement	53.15	0.00	*
9. Cases Resulting in Confinement in Secure Juvenile Correctional Facilities	13.51	4.76	*
10. Cases Transferred to Adult Court	1.18	0.00	*

release date: March, 2011

Key:

Statistically significant results:

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Results that are not statistically significant

Regular font

Group is less than 1% of the youth population

*

Insufficient number of cases for analysis

**

Missing data for some element of calculation

Definitions of rates:

Recommended Base	Base Used
2. Arrests of Juveniles - rate per 1000 population	per 1000 youth
3. Referrals to Juvenile Court - rate per 100 arrests	per 100 arrests
4. Cases involving Diversion before adjudication - rate per 100 referrals	per 100 referrals
5. Cases involving Detention - rate per 100 referrals	per 100 referrals
6. Cases Petitioned - rate per 100 referrals	per 100 referrals
7. Delinquent Findings - rate per 100 youth petitioned (charged)	per 100 youth petitioned
8. Probation placements - rate per 100 youth found delinquent	per 100 youth found delinquent
9. Placement in secure corrections - rate per 100 youth found delinquent	per 100 youth found delinquent
10. Transfers to adult court - rate per 100 youth petitioned	per 100 youth petitioned

comments - section for calculating the base for rate calculations - we do a 'bubble sort' to replace any zero or missing bases with the value of the preceding stage - also keep track of labels!

actual base	minority	pref base
per 1000 youth	-	per 1000 youth
per 100 arrests	0	per 100 arrests
per 100 referrals	0	per 100 referrals
per 100 youth petitioned	0.02	per 100 youth petitioned
per 100 youth found delinquent	0.21	per 100 youth found delinquent
per 1000 youth	-	per 1000 youth
per 100 arrests	0.07	per 100 arrests
per 100 referrals	0.02	per 100 referrals
per 100 youth petitioned	0.02	per 100 youth petitioned
per 100 youth found delinquent	0.21	per 100 youth found delinquent
per 1000 youth	-	per 1000 youth
per 100 arrests	0.07	per 100 arrests
per 100 referrals	0.02	per 100 referrals
per 100 youth petitioned	0.02	per 100 youth petitioned
per 100 youth found delinquent	0.21	per 100 youth found delinquent
per 1000 youth	-	per 1000 youth
per 100 arrests	0.07	per 100 arrests

per 100 referrals	0.02
per 100 youth petitioned	0.02
per 100 youth found delinquent	0.21

comment - the following are the final values to be used in calculations

per 1000 youth	-
per 100 arrests	0.07
per 100 referrals	0.02
per 100 youth petitioned	0.02
per 100 youth found delinquent	0.21

per 100 referrals
per 100 youth petitioned
per 100 youth found delinquent

per 1000 youth
per 100 arrests
per 100 referrals
per 100 youth petitioned
per 100 youth found delinquent

1. AREA REPORTED

FOCAL GROUP: All Other Groups

State : Nebraska
County : Madison

Reporting Period through 12/31/2010
Reference Group: White

Data Items	Rate of Occurrence - Reference Group	Rate of Occurrence - Focal Group	Relative Rate Index
1. Population at risk (age 10 through 17)			
2. Juvenile Arrests	96.74	103.07	1.07
3. Refer to Juvenile Court	25.15	92.86	3.69
4. Cases Diverted	168.24	207.69	1.23
5. Cases Involving Secure Detention	8.24	17.95	2.18
6. Cases Petitioned (Charge Filed)	100.00	100.00	1.00
7. Cases Resulting in Delinquent Findings	130.59	143.59	1.10
8. Cases resulting in Probation Placement	53.15	41.07	0.77
9. Cases Resulting in Confinement in Secure Juvenile Correctional Facilities	13.51	19.64	1.45
10. Cases Transferred to Adult Court	1.18	1.28	**

release date: March, 2011

Key:

Statistically significant results:

Bold font

Results that are not statistically significant

Regular font

Group is less than 1% of the youth population

*

Insufficient number of cases for analysis

**

Missing data for some element of calculation

Definitions of rates:

<u>Recommended Base</u>	<u>Base Used</u>
2. Arrests of Juveniles - rate per 1000 population	per 1000 youth
3. Referrals to Juvenile Court - rate per 100 arrests	per 100 arrests
4. Cases involving Diversion before adjudication - rate per 100 referrals	per 100 referrals
5. Cases involving Detention - rate per 100 referrals	per 100 referrals
6. Cases Petitioned - rate per 100 referrals	per 100 referrals
7. Delinquent Findings - rate per 100 youth petitioned (charged)	per 100 youth petitioned
8. Probation placements - rate per 100 youth found delinquent	per 100 youth found delinquent
9. Placement in secure corrections - rate per 100 youth found delinquent	per 100 youth found delinquent
10. Transfers to adult court - rate per 100 youth petitioned	per 100 youth petitioned

Juvenile Justice Rates								
	White	Black or African-American	Hispanic or Latino	Asian	Native Hawaiian or other Pacific Islanders	American Indian or Alaska Native	Other/Mixed	All Minorities
2. Juvenile Arrests	96.7	272.7	67.6			160.5		103.1
3. Refer to Juvenile Court	25.1	19.0	158.1			30.8	28.6	92.9
4. Cases Diverted	168.2	375.0	182.4			500.0		207.7
5. Cases Involving Secure Detention	8.2		17.6			50.0		17.9
6. Cases Petitioned	100.0	100.0	100.0			100.0	100.0	100.0
7. Cases Resulting in Delinquent Findings	130.6	275.0	98.5			300.0	1,050.0	143.6
8. Cases resulting in Probation Placement	53.2	36.4	55.2			41.7		41.1
9. Cases Resulting in Confinement in Secure Juvenile Correctional Facilities	13.5	9.1	20.9			50.0	4.8	19.6
10. Cases Transferred to Adult Court	1.2		1.5					1.3

Relative Rate Index Compared with : White								
	White	Black or African-American	Hispanic or Latino	Asian	Native Hawaiian or other Pacific Islanders	American Indian or Alaska Native	Other/Mixed	All Minorities
2. Juvenile Arrests	1.00	2.82	0.70	*	*	1.66	*	1.07
3. Refer to Juvenile Court	1.00	**	6.29	*	*	**	*	3.69
4. Cases Diverted	1.00	**	1.08	*	*	**	*	1.23
5. Cases Involving Secure Detention	1.00	**	2.14	*	*	**	*	2.18
6. Cases Petitioned	1.00	**	1.00	*	*	**	*	1.00
7. Cases Resulting in Delinquent Findings	1.00	**	0.75	*	*	**	*	1.10
8. Cases resulting in Probation Placement	1.00	**	1.04	*	*	**	*	0.77
9. Cases Resulting in Confinement in Secure Juvenile Correctional Facilities	1.00	**	1.55	*	*	**	*	1.45
10. Cases Transferred to Adult Court	**	**	**	*	*	**	*	**
Group meets 1% threshold?	Yes	Yes	Yes	No	No	Yes	No	

Key:

Statistically significant results:

Results that are not statistically significant

Group is less than 1% of the youth population

Insufficient number of cases for analysis

Missing data for some element of calculation

Bold font

Regular font

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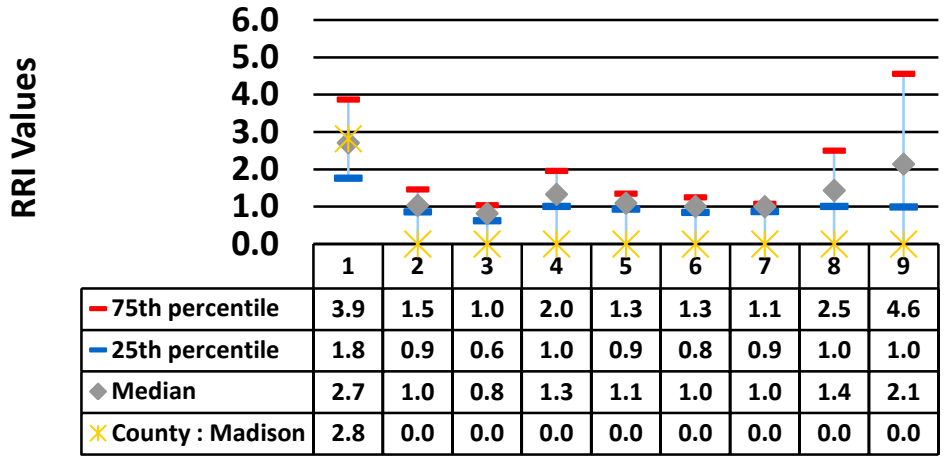
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What Would it Take?								
Assuming all else remained constant, what changes in volume for minority youth required to achieve statistical parity with							White	
	White	Black or African-American	Hispanic or Latino	Asian	Native Hawaiian or other Pacific Islanders	American Indian or Alaska Native	Other/Mixed	All Minorities
Note: results are only displayed if the corresponding RRI value is statistically significant								
2. Juvenile Arrests								
3. Refer to Juvenile Court								
4. Cases Diverted								
5. Cases Involving Secure Detention								
6. Cases Petitioned								
7. Cases Resulting in Delinquent Findings								
8. Cases resulting in Probation Placement								
9. Cases Resulting in Confinement in Secure Juvenile Correctional Facilities								
10. Cases Transferred to Adult Court								

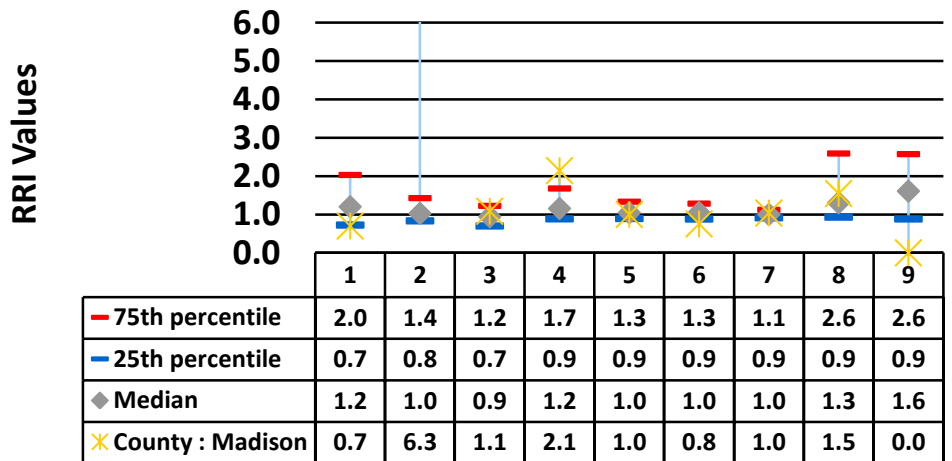
release date: March, 2011

Charts comparing target County to range of RRI values by Race / Ethnicity and decision point

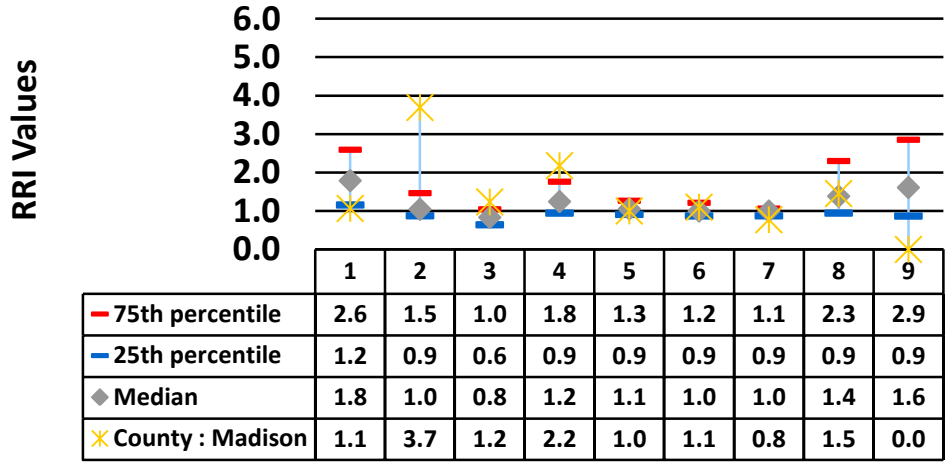
Comparison to RRI Range for Black Youth, All Reporting Counties



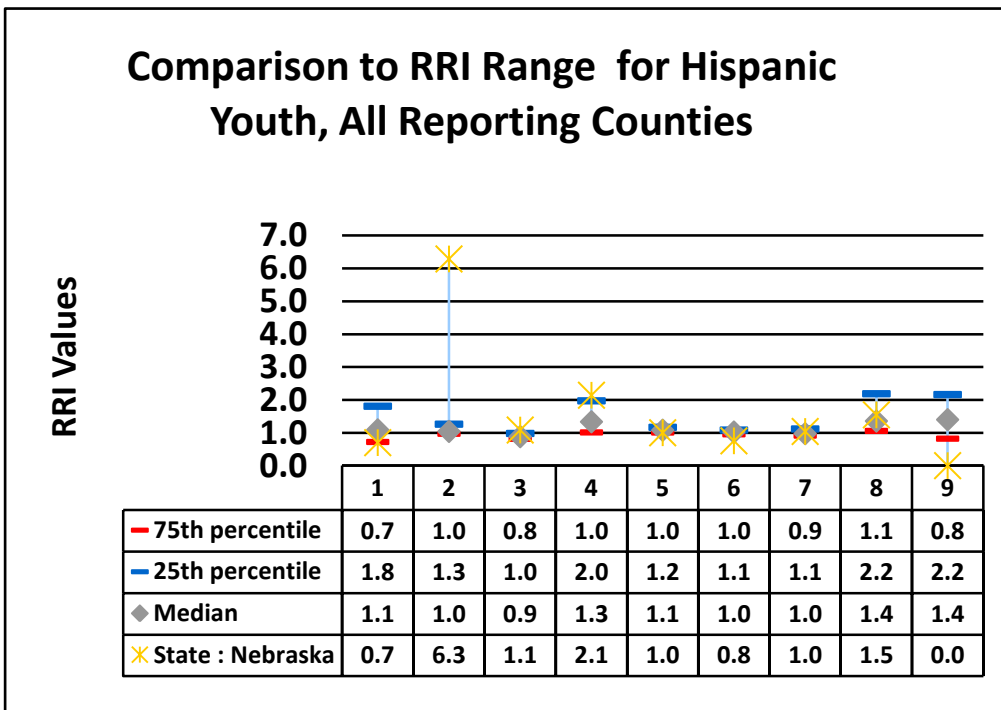
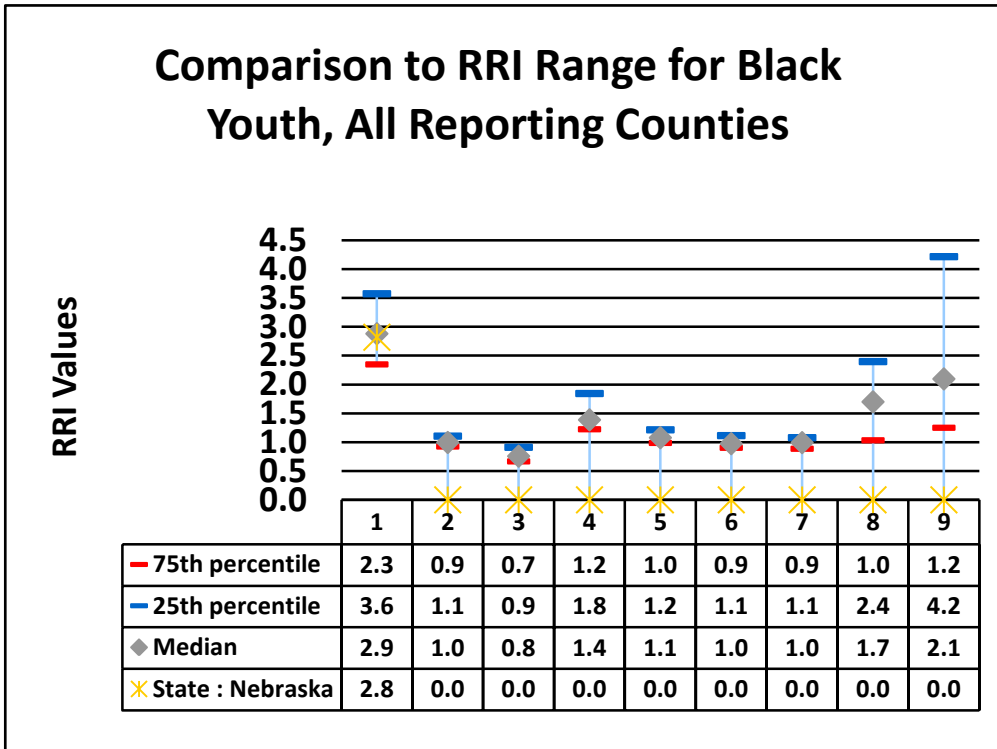
Comparison to RRI Range for Hispanic Youth, All Reporting Counties



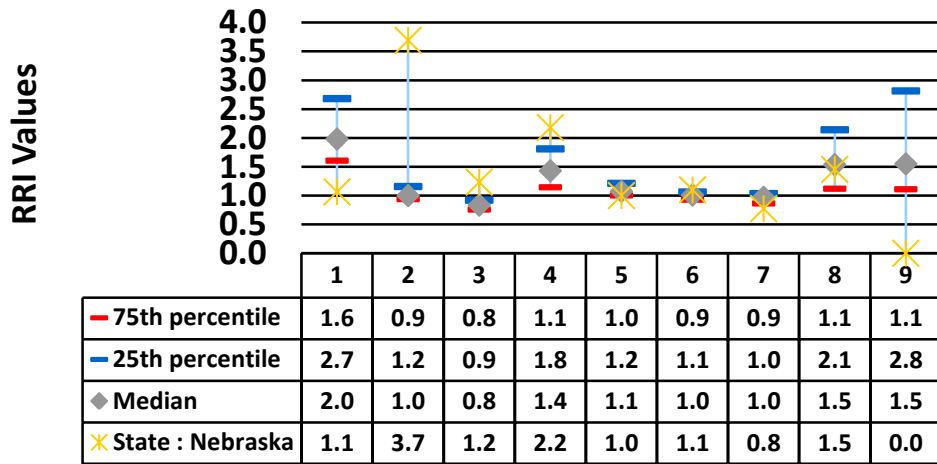
Comparison to RRI Range for All Minority Youth, All Reporting Counties



Charts comparing target State to range of RRI values by Race / Ethnicity and decision point
 Use **ONLY** if Jurisdiction for data entry is at Statewide level and comparison is to White Youth



Comparison to RRI Range for All Minority Youth, All Reporting Counties



Comparison with National DMC estimates from NCJJ (DMC Databook)

2007 National DMC Data						County : Madison				
Rates for Delinquency Offenses										
RATE	All					All				
	White	Minority	Black	AIAN*	AHPI**	White	Minority	Black	AIAN*	Asian
Arrest rate	50.10	84.60	107.50	51.40	12.00	96.74	103.07	272.73	160.49	0.00
Referral rate	82.00	95.50	94.30	102.00	124.30	25.15	92.86	19.05	30.77	0.00
Diversion rate	28.30	20.90	20.70	23.40	24.50	168.24	207.69	375.00	500.00	0.00
Detention rate	19.30	26.40	26.70	23.10	23.40	8.24	17.95	0.00	50.00	0.00
Petitioned rate	53.30	59.60	59.60	59.60	58.60	100.00	100.00	100.00	100.00	0.00
Adjudicated rate	65.10	60.60	60.00	70.80	63.80	130.59	143.59	275.00	300.00	0.00
Probation rate	58.70	51.00	50.50	54.70	59.10	53.15	41.07	36.36	41.67	0.00
Placement rate	23.10	29.10	29.40	28.80	23.60	13.51	19.64	9.09	50.00	0.00
Waiver rate	0.90	1.00	1.00	1.60	0.60	1.18	1.28	0.00	0.00	0.00

2007 National DMC Data					County : Madison				
Relative Rate Indices for Delinquency Offenses (White as Reference Group)									
	All				All				
	Minority	Black	AIAN*	AHPI**	Minority	Black	AIAN*	Asian	
Arrest rate	1.70	2.10	1.00	0.20	1.07	2.82	1.66		*
Referral rate	1.20	1.20	1.20	1.50	3.69	**	**		*
Diversion rate	0.70	0.70	0.80	0.90	1.23	**	**		*
Detention rate	1.40	1.40	1.20	1.20	2.18	**	**		*
Petitioned rate	1.10	1.10	1.10	1.10	1.00	**	**		*
Adjudicated rate	0.90	0.90	1.10	1.00	1.10	**	**		*
Probation rate	0.90	0.90	0.90	1.00	0.77	**	**		*
Placement rate	1.30	1.30	1.20	1.00	1.45	**	**		*
Waiver rate	1.10	1.10	1.80	0.70	**	**	**		*

Significance Testing

The spreadsheet test provide a test of statistical significance for use in guiding analysis. The test which is used is based on the chi square distribution. For a given decision (or example a finding of guilt / delinquency) It calculates the expected number of cases involving white youth and minority youth that would be expected to have the targeted decision (guilt), if there were no differences in the rates of that decision. It then calculates how discrepant that actual results are from that expectation, and compares the size of the discrepancy to what could be expected to occur by chance at a given significance level. The 'standard' significance level is $p=.05$, meaning that a discrepancy of this magnitude (or larger) might occur by chance in 1 of 20 comparisons ($.05 = 1/20$). For those who wish to use a different level of significance, change the entry below: choices are .10, .05, or .01 If some other entry is made, .05 will be used.

Significance level

0.05

Data Sufficiency Test

The Relative Risk Index is based on the computation and comparison of rates. Under some circumstances these rates may be computed based on small numbers, which makes the rates relatively unreliable. In general, rates based on five or fewer events from a possible base of 50 or fewer potential events should be viewed with caution. In the individual work sheets for each race / ethnic group, a column appears which indicates whether the data meets these standards. For those who wish to use other levels in their analysis of these data, the number of events and the size of the base population may be adjusted below.

Minimum Number of Target Events

5

Minimum Size of Base Population

30

Reference Group for Calculation of Relative Rate

This will change the group that is used as the comparison for the relative rate. The national standard is to use white youth.

This may be changed to the following:

- 1 - Total Youth
- 2 - White Youth
- 3 - Black or African - American Youth
- 4 - Hispanic or Latino Youth
- 5 - Asian youth
- 6 - Native Hawaiian or other Pacific Islander Youth
- 7- American Indian or Alaska Native Youth
- 8 - Other or Mixed Youth
- 9 - All Minority youth

Reference Group:

2

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