

**MCH Health Problem Analysis for  
Broward  
Calendar Year 2006**

**Population**

	Broward		Florida	
	Number	Percentage	Number	Percentage
Total	1,755,392		18,440,700	
White	1,250,017	71.21	14,909,913	80.85
Nonwhite	505,375	28.79	3,530,787	19.15
Black	441,949	25.18	3,023,821	16.40
Other	63,426	3.61	506,966	2.75

Data Source: Population Estimates from the Florida Legislature, Office of Economic & Demographic Research

**Births**

	Broward		Florida	
	Number	Percentage	Number	Percentage
Total	23,434		237,166	
White *	13,504	57.63	174,147	73.43
Black *	8,183	34.92	50,808	21.42
Other *	1,652	7.05	11,889	5.01
Hispanic **	7,168	30.59	70,094	29.55
Non-Hispanic **	16,184	69.06	166,057	70.02

\*Regardless of ethnicity. Does not include persons whose race is unknown.

\*\*Regardless of race. Does not include persons whose ethnicity is unknown.

Data Source: Florida Department of Health, Office of Vital Statistics

**Infant Deaths - Actual vs Expected**

Total Births	Actual Infant Deaths	Expected Infant Deaths	Significance
23,434	147	199.00	L
		Actual Infant Death Rate per 1,000 Births	Expected Infant Death Rate per 1,000 Births
		6.27	8.49

H=Actual Rate is Significantly Higher than the Expected Rate

L=Actual Rate is Significantly Lower than the Expected Rate

N=Actual Rate is Not Significantly Different than the Expected Rate

Data Source: Department of Health - Infant, Maternal and Reproductive Health using Florida Vital Statistics data

**Low Birthweight - Actual vs Expected**

Total Births	Actual LBW Births	Expected LBW Births	Significance
23,434	2,130	2,210.10	L
		Actual Percent LBW	Expected Percent LBW
		9.09	9.43

H=Actual Rate is Significantly Higher than the Expected Rate

L=Actual Rate is Significantly Lower than the Expected Rate

N=Actual Rate is Not Significantly Different than the Expected Rate

Data Source: Department of Health - Infant, Maternal and Reproductive Health using Florida Vital Statistics data

## MCH Health Problem Analysis for Broward Calendar Year 2006

### Deaths Due to Leading Causes of Infant Mortality

Perinatal Conditions	64	Unintentional Injury	4
Congenital Anomalies	47	Heart Disease	1
Sudden Infant Death Syndrome	8	Other Causes	23

Data Source: Florida Department of Health, Office of Vital Statistics

### Infant Mortality

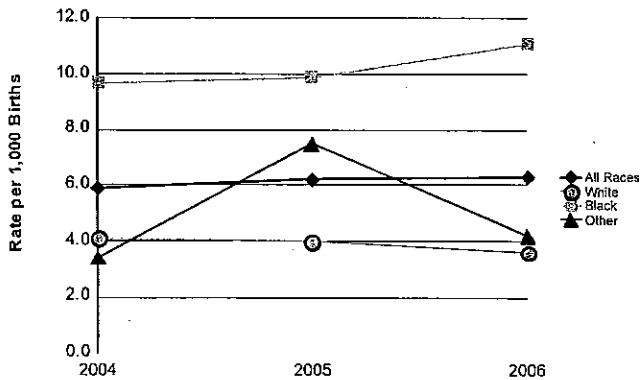
	2004		2005		2006		Comparison to Previous Year	Comparison to Florida Rate
	Broward	Florida	Broward	Florida	Broward	Florida		
Total	135	1,536	144	1,626	147	1,713	Increased	
Rate per 1000	5.9	7.0	6.2	7.2	6.3	7.2	Increased	Below
White *	55	876	54	882	49	974	Decreased	
Rate per 1000	4.1	5.5	4.0	5.3	3.6	5.6	Decreased	Below
Black *	75	621	78	652	91	653	Increased	
Rate per 1000	9.7	13.2	9.9	13.6	11.1	12.9	Increased	Below
Other *	5	38	12	91	7	84	Decreased	
Rate per 1000	3.4	3.6	7.5	7.8	4.2	7.1	Decreased	Below
Hispanic **	19	242	34	373	22	399	Decreased	
Rate per 1000	3.0	4.1	5.0	5.9	3.1	5.7	Decreased	Below
Non-Hispanic **	112	1,244	110	1,246	122	1,303	Increased	
Rate per 1000	6.8	7.8	6.8	7.7	7.5	7.8	Increased	Below

\* Regardless of ethnicity. Does not include persons whose race is unknown.

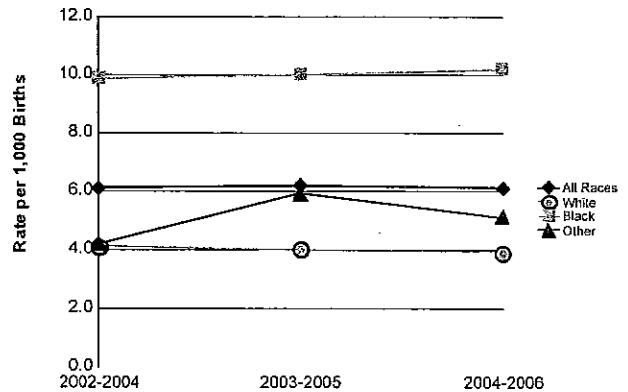
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Data Source: Florida Department of Health, Office of Vital Statistics

Infant Mortality Rates



Infant Mortality Trend  
Three-Year Rolling Averages



	2004	2005	2006
All Races	5.9	6.2	6.3
White	4.1	4.0	3.6
Black	9.7	9.9	11.1
Other	3.4	7.5	4.2

	2002-2004	2003-2005	2004-2006
All Races	6.1	6.2	6.1
White	4.1	4.0	3.9
Black	9.9	10.0	10.2
Other	4.2	5.9	5.1

## MCH Health Problem Analysis for Broward Calendar Year 2006

### Neonatal Mortality

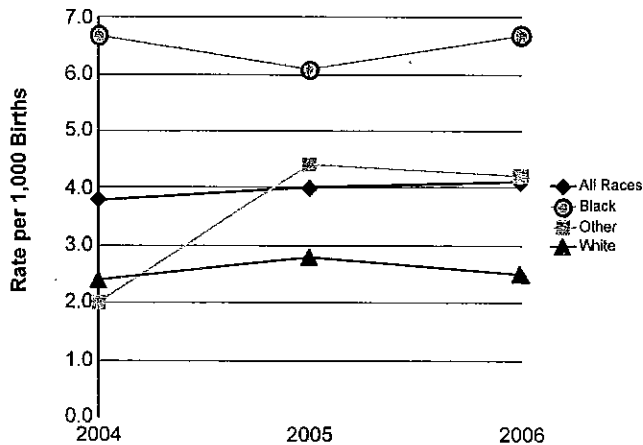
	2004		2005		2006		Comparison to Previous Year	Comparison to Florida Rate
	Broward	Florida	Broward	Florida	Broward	Florida		
Total	88	989	93	1,024	96	1,122	Increased	
Rate per 1000	3.8	4.5	4.0	4.5	4.1	4.7	Increased	Below
White *	33	563	38	544	34	630	Decreased	
Rate per 1000	2.4	3.5	2.8	3.3	2.5	3.6	Decreased	Below
Black *	52	401	48	422	55	436	Increased	
Rate per 1000	6.7	8.5	6.1	8.8	6.7	8.6	Increased	Below
Other *	3	24	7	57	7	54	Same	
Rate per 1000	2.0	2.3	4.4	4.9	4.2	4.5	Decreased	Below
Hispanic **	11	146	23	245	21	281	Decreased	
Rate per 1000	1.7	2.5	3.4	3.8	2.9	4.0	Decreased	Below
Non-Hispanic **	74	801	70	773	72	831	Increased	
Rate per 1000	4.5	5.0	4.3	4.8	4.4	5.0	Increased	Below

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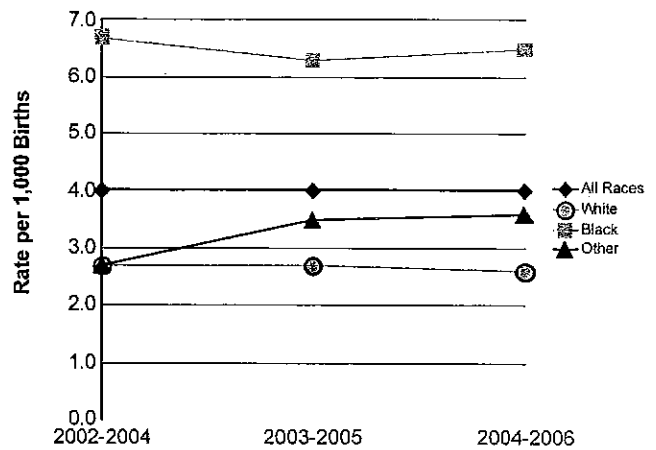
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Data Source: Florida Department of Health, Office of Vital Statistics

#### Neonatal Mortality Rates



#### Neonatal Mortality Trend Three-Year Rolling Averages



	2004	2005	2006
All Races	3.8	4.0	4.1
White	2.4	2.8	2.5
Black	6.7	6.1	6.7
Other	2.0	4.4	4.2

	2002-2004	2003-2005	2004-2006
All Races	4.0	4.0	4.0
White	2.7	2.7	2.6
Black	6.7	6.3	6.5
Other	2.7	3.5	3.6

### MCH Health Problem Analysis for Broward Calendar Year 2006

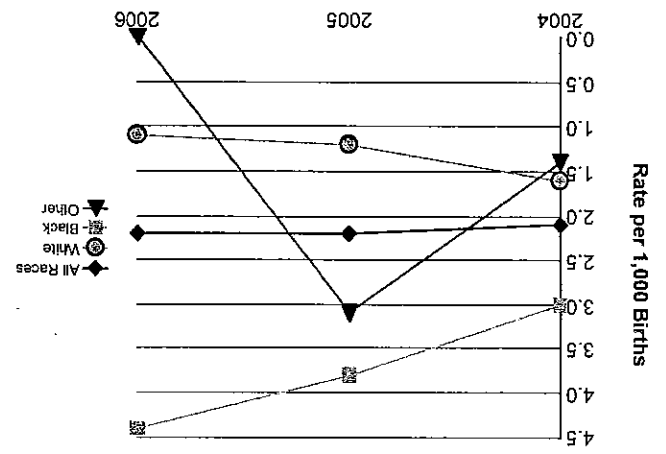
### Postneonatal Mortality

Comparison to Florida Rate	Year to Previous	2006		2005		2004	
		Broward	Florida	Broward	Florida	Broward	Florida
Total	47	51	602	51	602	47	547
Rate per 1000	2.1	2.2	2.7	2.2	2.7	2.1	2.5
White *	22	16	338	16	338	22	313
Rate per 1000	1.6	1.2	2.0	1.2	2.0	1.6	2.0
Black *	23	30	230	30	230	23	220
Rate per 1000	3.0	3.8	4.8	3.8	4.7	3.0	4.7
Other *	2	5	34	5	34	2	14
Rate per 1000	1.4	3.1	2.9	3.1	3.1	1.4	1.3
Hispanic **	8	96	128	11	128	8	96
Rate per 1000	1.3	1.6	2.0	1.6	2.0	1.3	1.6
Non-Hispanic **	38	40	473	40	473	38	443
Rate per 1000	2.3	2.5	2.9	2.5	2.9	2.3	2.8

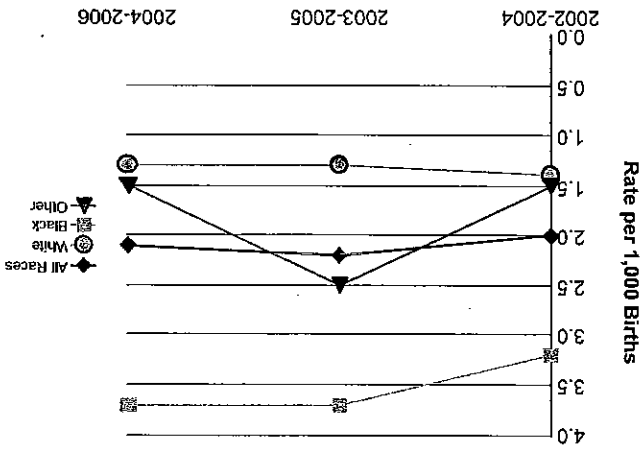
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Data Source: Florida Department of Health, Office of Vital Statistics

Postneonatal Mortality Rates



Three-Year Rolling Averages



MCH Health Problem Analysis for  
Broward  
Calendar Year 2006

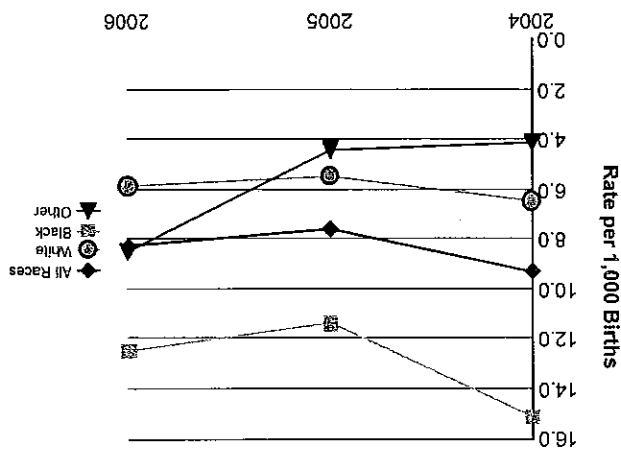
Fetal Mortality

Comparison to Previous Year	Year to Florida Rate	2006		2005		2004	
		Florida	Broward	Florida	Broward	Florida	Broward
Total	Increased	1,756	195	1,650	176	1,701	212
White *	Increased	1,020	79	938	75	966	88
Rate per 1000	Increased	5.9	5.9	5.6	5.5	6.0	6.5
Black *	increased	650	102	649	90	680	117
Rate per 1000	increased	12.8	12.5	13.5	11.4	14.5	15.1
Other *	increased	83	14	39	7	43	6
Rate per 1000	increased	7.0	8.5	3.3	4.4	4.1	4.1
Hispanic **	increased	446	46	309	37	328	44
Rate per 1000	increased	6.4	6.4	4.8	5.4	5.6	6.9
Non-Hispanic **	increased	1,285	146	1,172	125	1,243	156
Rate per 1000	increased	7.7	9.0	7.3	7.7	7.8	9.5

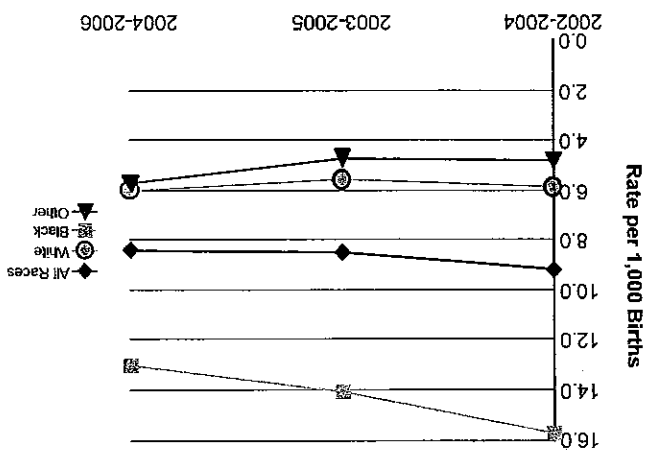
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Data Source: Florida Department of Health, Office of Vital Statistics

Fetal Mortality Rates



Fetal Mortality Trend  
Three-Year Rolling Averages



Year	All Races	White	Black	Other
2004	9.3	6.5	15.1	4.1
2005	7.6	5.5	11.4	4.4
2006	8.3	5.9	12.5	4.7

Year	All Races	White	Black	Other
2002-2004	9.2	5.9	15.7	4.8
2003-2005	8.5	5.6	14.1	4.7
2004-2006	8.4	6.0	13.0	5.7

MCH Health Problem Analysis for  
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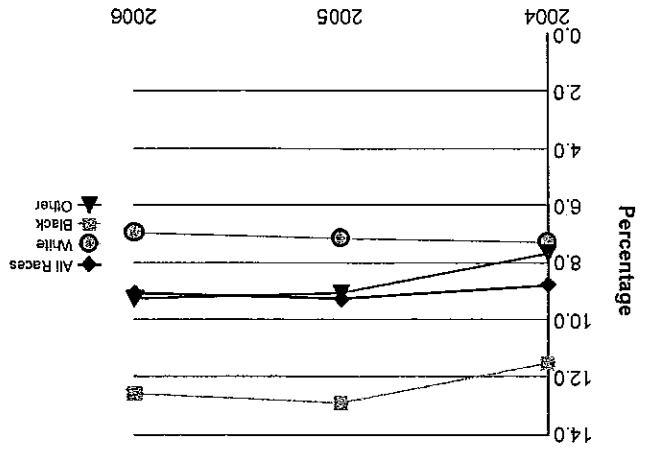
Low Birthweight

Comparison to Previous Year	Year	2004		2005		2006	
		Florida	Broward	Florida	Broward	Florida	Broward
Total	2,007	18,670	2,142	19,802	2,130	20,714	Decreased
Percentage	8.8	8.6	9.3	8.8	8.7	8.7	Decreased
White *	987	11,570	977	12,221	947	12,848	Decreased
Percentage	7.3	7.2	7.2	7.4	7.0	7.4	Decreased
Black *	897	6,134	1,012	6,521	1,028	6,822	Increased
Percentage	11.5	13.1	12.9	13.6	12.6	13.4	Decreased
Other *	114	923	146	1,025	153	1,023	Increased
Percentage	7.7	8.8	9.1	8.8	8.6	8.6	Increased
Hispanic **	435	4,100	463	4,493	459	4,948	Decreased
Percentage	6.9	7.0	6.8	7.0	6.4	7.1	Decreased
Non-Hispanic **	1,558	14,459	1,670	15,210	1,662	15,669	Decreased
Percentage	9.5	9.1	10.3	9.4	10.3	9.4	Decreased

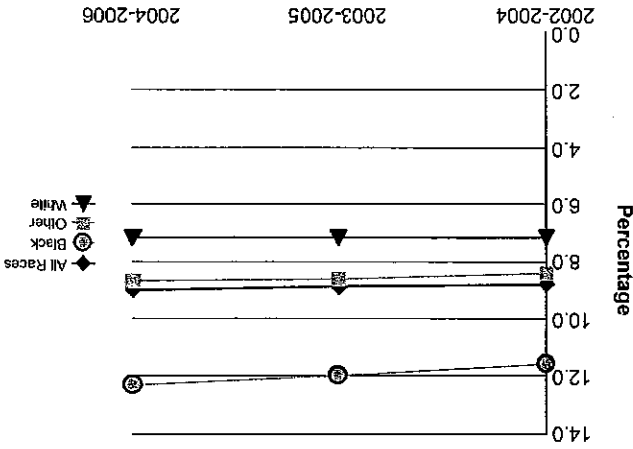
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Data Source: Florida Department of Health, Office of Vital Statistics

Percentage of Low Birthweight Births



Low Birthweight Births Trend  
Three-Year Rolling Averages



Year	All Races	White	Black	Other
2004	8.8	7.3	11.5	7.7
2005	9.3	7.2	12.9	9.1
2006	9.1	7.0	12.6	9.3

Year	All Races	White	Black	Other
2002-2004	8.8	7.2	11.6	8.4
2003-2005	8.9	7.2	12.0	8.6
2004-2006	9.0	7.2	12.3	8.7

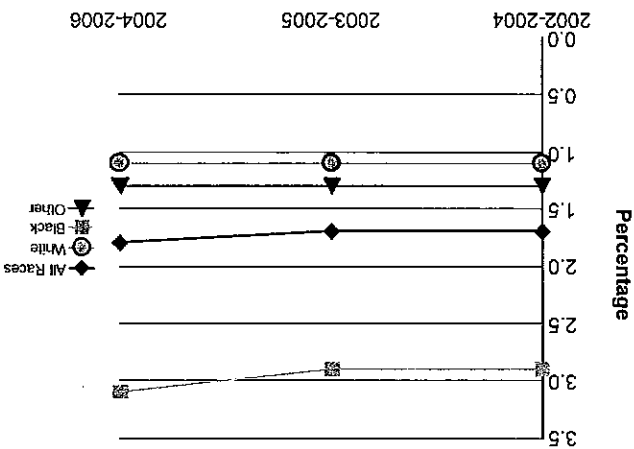
MCH Health Problem Analysis for  
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Very Low Birthweight

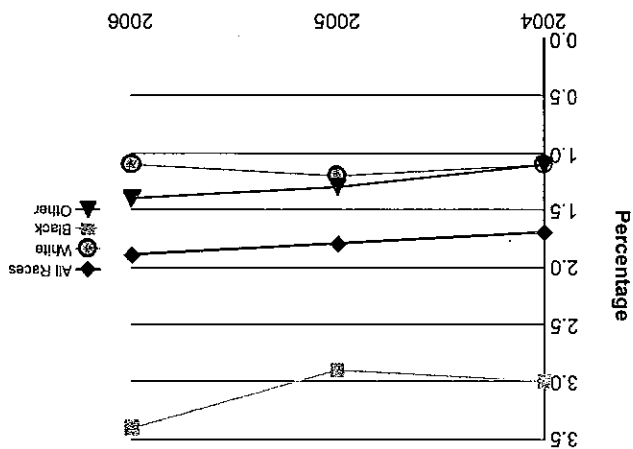
Comparison to Previous Year	Rate to Florida	2006		2005		2004	
		Florida	Broward	Florida	Broward	Florida	Broward
Total	Above	3,807	452	3,637	417	3,491	398
White *	Below	2,075	149	1,960	162	1,862	149
Black *	Above	1,578	279	1,507	231	1,470	232
Other *	Above	147	23	162	21	139	16
Hispanic **	Above	1.2	1.4	1.3	1.3	1.1	1.1
Percentage	Increased	1.2	1.4	1.3	1.3	1.1	1.1
Hispanic **	Below	816	76	779	79	674	75
Percentage	Decreased	1.2	1.1	1.2	1.2	1.2	1.2
Non-Hispanic **	Below	2,965	374	2,826	335	2,775	318
Percentage	Increased	1.8	2.3	1.7	2.1	1.7	1.9

\*Regardless of ethnicity. Does not include persons whose race is unknown

Very Low Birthweight Trend  
Three-Year Rolling Averages



Percentage of Very Low Birthweight Births



Year	All Races	White	Black	Other
2004	1.7	1.1	3.0	1.1
2005	1.8	1.2	2.9	1.3
2006	1.9	1.1	3.4	1.4

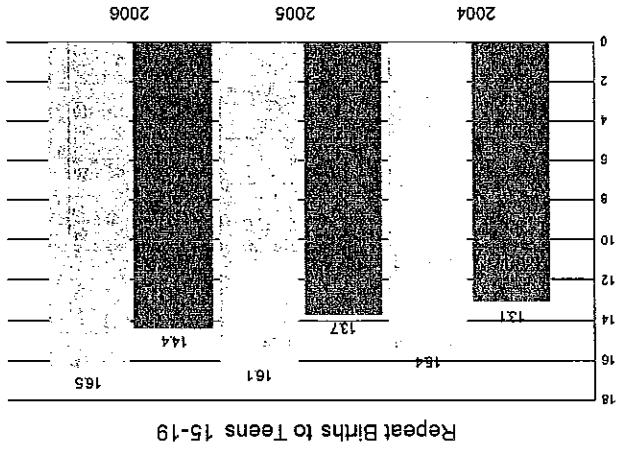
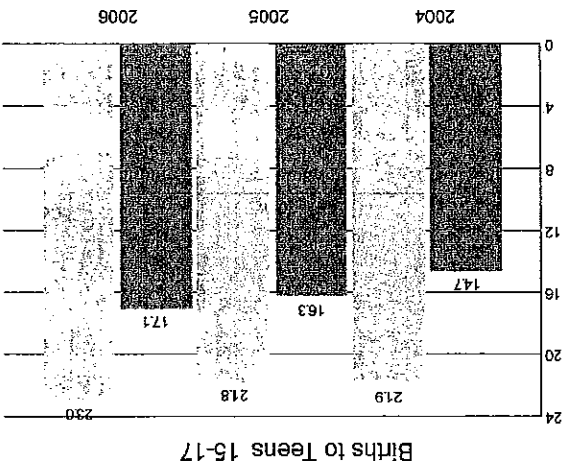
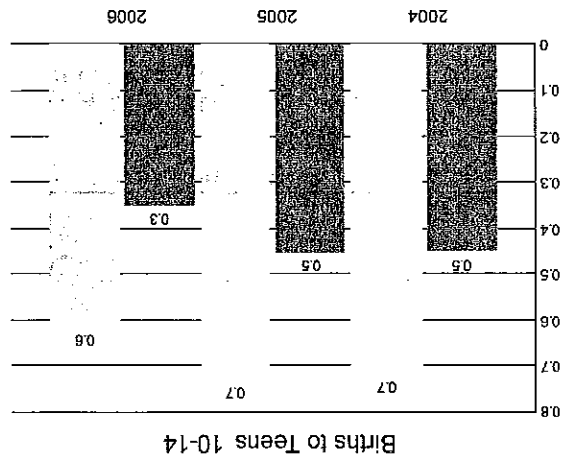
Year	All Races	White	Black	Other
2002-2004	1.7	1.1	2.9	1.3
2003-2005	1.7	1.1	2.9	1.3
2004-2006	1.8	1.1	3.1	1.3

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Births to Teens

Comparison n to Previous	2004		2005		2006	
	Broward	Florida	Broward	Florida	Broward	Florida
Mothers 10-14	26	404	26	415	20	353
Rate per 1,000	0.5	0.7	0.5	0.7	0.3	0.6
Mothers 15-17	513	7,436	557	7,590	588	8,135
Rate per 1,000	14.7	21.9	16.3	21.8	17.1	23.0
Repeat Births 15-19	13.1	15.4	13.7	16.1	14.4	16.5
Percentage of						

Data Source: Florida Department of Health, Office of Vital Statistics

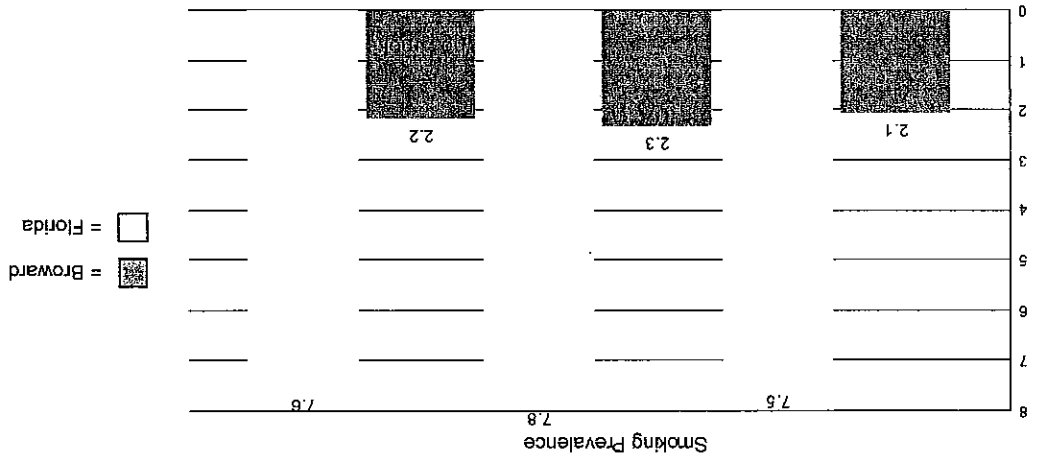


MCH Health Problem Analysis for  
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Reported Smoking Prevalence in Pregnancy

Mothers Who Smoked Percentage of Births

Year	County	Mothers Who Smoked	Percentage of Births
2004	Broward	476	2.08
	Florida	16,341	7.49
2005	Broward	537	2.32
	Florida	17,719	7.83
2006	Broward	513	2.19
	Florida	17,930	7.56



Data Source: Florida Department of Health, Office of Vital Statistics

Pediatric AIDS Cases Among Persons 0 - 4 Years of Age

Year	County	Cases
2004	Broward	2
	Florida	15
2005	Broward	5
	Florida	16
2006	Broward	2
	Florida	17

Data Source: Florida Department of Health, Bureau of HIV/AIDS

CHD Prenatal Care Clients Offered HIV Testing

Year	County	Percentage
2004	Broward	0.00%
	Florida	86.34%
2005	Broward	0.00%
	Florida	83.60%
2006	Broward	0.00%
	Florida	82.75%

MCH Health Problem Analysis for  
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WIC Services

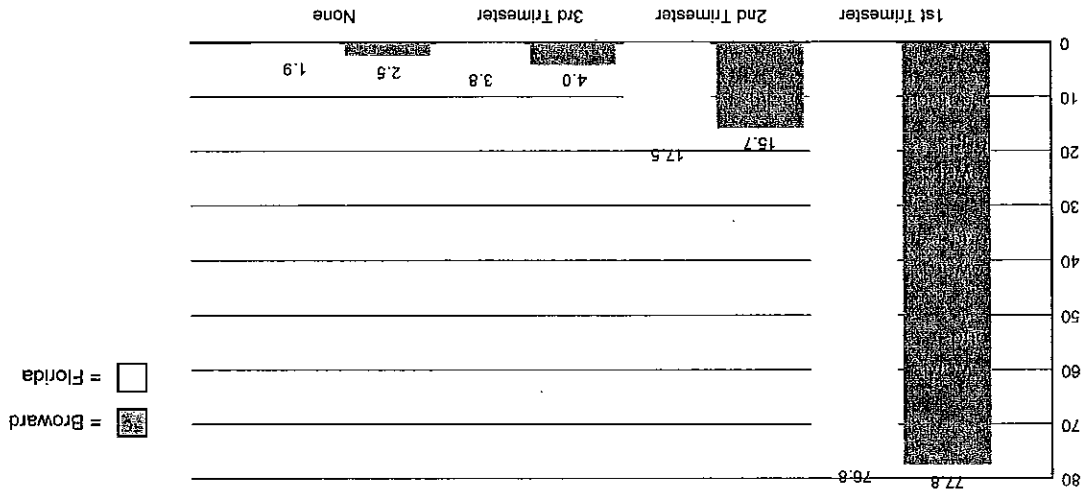
Data Source: Florida Department of Health, WIC & Nutrition Services

Year	County	Persons Eligible for WIC	Percentage Served by WIC
2004	Broward	46,305	48.39%
	Florida	538,421	64.27%
2005	Broward	46,689	50.35%
	Florida	556,140	67.27%
2006	Broward	49,240	48.42%
	Florida	571,271	64.22%

Prenatal Care by Trimester of Pregnancy

County	1st Trimester	2nd Trimester	3rd Trimester	No Prenatal Care
Broward	77.82%	15.69%	3.95%	2.54%
Florida	76.77%	17.54%	3.78%	1.91%

Prenatal Care by Trimester



Data Source: Florida Department of Health, Office of Vital Statistics

Immunizations Among 2-Year-Old CHD Clients

Year	County	Number Immunized	Percentage Immunized
2004	Broward	537	59.27%
	Florida	18,481	80.17%
2005	Broward	367	86.97%
	Florida	16,750	86.02%
2006	Broward	0	0.00%

Data Source: Florida Department of Health, Bureau of Immunizations

MCH Health Problem Analysis for  
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Healthy Start Prenatal Screening and Services

	2004		2005		2006	
	Broward	Florida	Broward	Florida	Broward	Florida
Offered Rate %	72.06	87.41	76.72	91.17	69.25	88.03
Screening Rate %	49.45	59.73	57.48	67.36	53.77	66.38
Consent Rate %	68.63	68.33	74.92	73.89	77.65	75.40

	Broward		Florida	
	Number	Percentage	Number	Percentage
Estimated Number of Pregnant Women	23,377	235,894	207,658	69.25
Offered Screen	16,189	156,579	156,579	77.65
Consenting to Screen	12,570	156,579	156,579	77.65
Consenting to Screen + Referred	6,508	95,640	95,640	51.77
Consenting to HS Participation	5,970	89,739	89,739	91.73
Received Initial Contact	2,882	61,041	61,041	48.27
Need Initial Assessment	2,028	35,860	35,860	70.37
Received Initial Assessment	1,576	36,239	36,239	77.71
Need Ongoing Care Coordination	1,192	38,759	38,759	41.36

	Broward		Florida	
	Clients	Percentage of Clients	Encounters per Client	Services per Encounter
Total Receiving HS Prenatal Service	6,186	22.36	4.34	3.29
Total ICA/Other HS Service	1,383	5.14	3.73	2.43
Total ICA Only	318	8.18	4.41	6.51
Track or Not Face-to-Face	506	9.93	8.57	4.05
Face-to-Face, without FSP	614	10.96	10.76	4.44
Face-to-Face, with FSP	678	17.94	3.45	1.66
Unable to Locate	1,110	18.41	2.00	1.51
Unable to Complete Initial Contact	1,139	0.18	1.73	1.63
Unable to Complete Initial Assessment	11			0.15

	Broward		Florida	
	Clients	Services/Client	Encounters per Client	Services per Encounter
Nutritional Assessment and Counseling	179	3,163	17.67	56.41
Psychosocial Counseling	88	4,964	9.90	56.41
Parenting Education	419	4,148	9.90	56.41
Childbirth Education	890	11,795	13.25	9.90
Breastfeeding Education	619	3,916	6.33	17.67
Smoking Cessation Counseling	88	223	2.53	17.67
Interconceptional Education & Counseling	196	957	4.88	17.67

Pregnant Drug-Abusing Women

	Broward	Florida
Clients	457	2,783
Encounters/Client	5.71	9.14
Services/Encounter	3.03	4.22

MCH Health Problem Analysis for  
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Healthy Start Infant Screening and Services

Screening Rate %	2004	2005	2006
Broward	63.48	62.84	82.77
Florida	69.62	72.94	80.26

	Number	Percentage
Total Number of Births	23,377	
Consenting to Screen	19,349	82.77
Positive Screen + Referred	2,826	14.61
Consenting to HS Participation	2,525	89.35
Received Initial Contact	2,197	87.01
Need Initial Assessment	1,064	48.43
Received Initial Assessment	641	60.24
Need Ongoing Care Coordination	851	38.73

	Percentage of Clients	Encounters per Client	Services per Encounter	Percentage of Clients
Total Receiving HS Infant Service	4,856	3.18	2.97	23.58
Total IC/IA Only	1,617	33.30	2.50	8.21
Total IC/IA/Other HS Service	187	3.85	4.05	3.80
Track or Not Face-to-Face	305	6.28	4.10	12.92
Face-to-Face, without FSP	247	5.09	7.56	11.73
Face-to-Face, with FSP	235	4.84	9.93	5.93
Unable to Locate	828	17.05	3.09	7.89
Unable to Complete Initial Contact	1,136	23.39	1.92	24.04
Unable to Complete Initial Assessment	8	0.16	1.25	0.21

	Clients	Percentage of Clients	Encounters per Client	Services per Encounter	Percentage of Clients
Total Receiving HS Infant Service	4,856	33.30	3.18	2.97	23.58
Nutritional Assessment and Counseling	57	742	13.02	38.95	1.17
Psychosocial Counseling	57	2,220	38.95	19.74	1.17
Parenting Education	544	10,737	19.74	7.25	11.73
Childbirth Education	4	29	7.25	3.93	0.01
Breastfeeding Education	54	212	3.93	2.38	1.12
Smoking Cessation Counseling	29	69	2.38	4.83	0.60
Interconceptional Education & Counseling	131	633	4.83		2.73

Substance-exposed Newborns	Clients	Encounters/Client	Services/Encounter
Broward	137	8.31	3.22
Florida	2,550	13.22	4.16