

Table 1: Estimates of Mother's Year of Birth Effects for Birth Weight and Gestation Length in the U.S.,
1955 to 1975 Mother's Birth Cohorts
(estimated standard errors in parentheses)

Coefficients	Incidence < 1500 grams (per 1,000 births)				Incidence < 1000 grams (per 1,000 births)			
	No cohort effects		Cohort effects		No cohort effects		Cohort effects	
	Black	White	Black	White	Black	White	Black	White
<u>Mother Age Effects</u>								
16-17	-1.89*** (0.24)	2.90*** (0.22)	1.25*** (0.24)	0.47* (0.27)	-1.11*** (0.16)	1.17*** (0.15)	0.63*** (0.17)	0.15 (0.19)
18-19	-1.92*** (0.14)	1.59*** (0.13)	0.14 (0.14)	-0.16 (0.18)	-1.22*** (0.10)	0.67*** (0.09)	-0.09 (0.10)	-0.01 (0.12)
20-21	-1.88*** (0.11)	0.62*** (0.09)	-0.55*** (0.11)	-0.52*** (0.13)	-1.01*** (0.07)	0.24*** (0.07)	-0.29*** (0.07)	-0.19** (0.09)
22-23	-1.17*** (0.09)	0.15* (0.08)	-0.44*** (0.10)	-0.38*** (0.09)	-0.56*** (0.07)	0.04 (0.06)	-0.19*** (0.07)	-0.14** (0.07)
24-25	0.00 --	0.00 --	0.00 --	0.00 --	0.00 --	0.00 --	0.00 --	0.00 --
26-27	0.57*** (0.09)	-0.34*** (0.08)	0.08 (0.09)	0.53*** (0.09)	0.47*** (0.07)	-0.23*** (0.06)	0.13** (0.07)	0.17*** (0.06)
28-29	1.54*** (0.10)	-0.63*** (0.08)	0.62*** (0.10)	0.91*** (0.12)	0.81*** (0.07)	-0.34*** (0.06)	0.23*** (0.07)	0.34*** (0.09)
30-31	2.02*** (0.11)	-0.42*** (0.09)	0.68*** (0.11)	1.83*** (0.16)	1.21*** (0.08)	-0.31*** (0.06)	0.40*** (0.08)	0.65*** (0.12)
32-33	2.96*** (0.14)	-0.28*** (0.10)	1.16*** (0.14)	2.66*** (0.21)	1.57*** (0.10)	-0.15** (0.07)	0.49*** (0.10)	1.10*** (0.16)
34-35	3.71*** (0.18)	0.04 (0.12)	1.38*** (0.18)	3.73*** (0.27)	1.66*** (0.13)	0.04 (0.09)	0.28** (0.13)	1.60*** (0.19)
Married	-5.31*** (0.12)	-6.36*** (0.06)	-7.21*** (0.13)	-5.26*** (0.06)	-2.44*** (0.09)	-3.47*** (0.04)	-3.51*** (0.09)	-2.83*** (0.04)
Education missing	4.53*** (0.25)	0.51*** (0.08)	4.41*** (0.25)	0.59*** (0.08)	3.47*** (0.18)	0.24*** (0.05)	3.42*** (0.18)	0.28*** (0.05)
Less than H.S.	0.45*** (0.16)	1.36*** (0.15)	0.59*** (0.16)	1.26*** (0.15)	0.19* (0.11)	0.17* (0.10)	0.27** (0.11)	0.14 (0.10)
Some College	-0.51*** (0.16)	-1.17*** (0.05)	-1.11*** (0.16)	-1.03*** (0.05)	0.26** (0.12)	-0.63*** (0.03)	-0.04 (0.12)	-0.57*** (0.03)
College Grad +	-1.41*** (0.25)	-2.31*** (0.05)	-2.80*** (0.25)	-2.04*** (0.05)	0.23 (0.19)	-1.20*** (0.03)	-0.49** (0.19)	-1.08*** (0.03)
Year Effects	Y	Y	Y	Y	Y	Y	Y	Y
Cohort Effects	N	N	Y	Y	N	N	Y	Y
Sample Size	34,118,254		34,118,254		34,118,254		34,118,254	

Table 1 (cont'd)

Coefficients	Incidence < 1500 grams (per 1,000 births)				Incidence < 1000 grams (per 1,000 births)			
	No cohort effects		Cohort effects		No cohort effects		Cohort effects	
	Black	White	Black	White	Black	White	Black	White
<u>Cohort Effects</u>								
1955			40.1*** (0.65)	5.24*** (0.53)			23.2*** (0.48)	3.60*** (0.38)
1956			40.1*** (0.63)	5.61*** (0.51)			23.3*** (0.47)	3.66*** (0.37)
1957			39.5*** (0.61)	5.85*** (0.48)			22.9*** (0.46)	3.81*** (0.35)
1958			40.3*** (0.60)	6.07*** (0.46)			23.5*** (0.45)	3.78*** (0.33)
1959			39.5*** (0.58)	6.25*** (0.44)			22.9*** (0.43)	3.85*** (0.31)
1960			39.5*** (0.57)	6.67*** (0.41)			22.5*** (0.42)	3.97*** (0.30)
1961			39.2*** (0.56)	6.88*** (0.39)			22.6*** (0.42)	4.04*** (0.28)
1962			38.4*** (0.54)	7.20*** (0.37)			22.2*** (0.41)	4.21*** (0.27)
1963			37.4*** (0.53)	7.32*** (0.35)			21.6*** (0.40)	4.13*** (0.25)
1964			36.7*** (0.52)	7.83*** (0.32)			21.0*** (0.39)	4.39*** (0.23)
1965			36.2*** (0.51)	8.13*** (0.30)			20.7*** (0.39)	4.45*** (0.22)
1966			35.7*** (0.51)	8.43*** (0.28)			20.6*** (0.38)	4.64*** (0.20)
1967			35.3*** (0.51)	8.76*** (0.26)			20.3*** (0.38)	4.70*** (0.19)
1968			34.2*** (0.50)	9.19*** (0.24)			19.5*** (0.38)	4.94*** (0.17)
1969			33.6*** (0.50)	9.35*** (0.22)			19.3*** (0.38)	5.03*** (0.16)
1970			32.7*** (0.49)	9.76*** (0.20)			18.8*** (0.37)	5.21*** (0.15)
1971			32.1*** (0.49)	10.18*** (0.19)			18.4*** (0.37)	5.29*** (0.13)
1972			31.3*** (0.49)	10.47*** (0.18)			18.1*** (0.37)	5.35*** (0.13)
1973			30.0*** (0.49)	10.87*** (0.17)			17.3*** (0.37)	5.70*** (0.12)
1974			29.2*** (0.49)	11.11*** (0.17)			16.9*** (0.37)	5.62*** (0.12)
1975			28.0*** (0.49)	11.52*** (0.17)			16.2*** (0.37)	5.86*** (0.12)

Notes: ***, **, and * indicate statistical significance at the 1, 5, and 10 percent levels, respectively. Results based on linear probability regressions. Standard errors corrected for heteroskedasticity. Sample comes from the 1979-2000 Natality Detail Files and contains the 1955 to 1975 birth cohorts. Probit and logit analyses provide similar effects.

Table 2: Sample means for black and white women born in 1955 to 1975, who give birth in 1979 to 2000
(1979-2000 Natality Detail data)

A. By region of mother's birth

	Born in U.S. South		Born in U.S. North		Born outside U.S.	
	Black	White	Black	White	Black	White
<u>Mother's Characteristics</u>						
Age	23.7	25.1	23.8	26.1	26.9	26.7
Teenager percent	20.3	12.0	20.6	8.3	6.2	5.8
Less than HS percent	26.9	19.5	28.3	13.5	19.1	14.4
HS graduate percent	42.4	37.5	40.8	41.6	35.4	31.1
Some college percent	16.6	17.6	20.5	20.6	21.2	18.9
College grad+ percent	5.7	15.0	6.0	18.9	14.6	21.3
Missing educ. percent	8.4	10.4	4.5	5.4	9.6	14.3
Married percent	36.5	85.6	29.0	84.4	56.2	87.5
Prenatal care percent	96.5	99.0	95.3	99.2	96.6	98.6
Care in 1 st trimester %	63.8	82.4	63.6	84.5	67.3	80.6
Number of kids	2.48	2.07	2.72	2.17	2.51	2.16
Sample size	4,966,016	11,105,586	2,780,429	15,298,816	707,191	1,876,752
<u>Mother's Medical Risk Factors (per 1,000)</u>						
Any risk factor (excluding herpes)	284.2	259.0	298.1	250.5	247.9	203.1
Herpes	8.59	9.08	10.91	9.29	4.89	7.23
Sample size	2,251,649	5,213,299	1,516,454	8,077,189	460,120	1,048,114
<u>Birth outcomes of infant (per 1,000)</u>						
Birth weight < 2500 g	116.1	51.1	122.5	45.2	87.2	45.5
Birth weight < 1500 g	23.8	7.9	25.8	7.1	24.7	8.4
Birth weight < 1000 g	12.6	3.6	13.8	3.4	15.3	4.6
Sample Size	4,960,423	11,098,122	2,775,837	15,283,872	705,716	1,873,723
5-min. APGAR $\leq$ 8	127.9	98.7	126.0	95.4	109.8	90.0
5-min. APGAR $\leq$ 7	48.5	27.1	47.2	26.4	42.1	25.7
5-min. APGAR $\leq$ 6	27.3	12.7	26.7	12.3	24.5	13.0
Sample Size	3,465,674	7,288,667	2,189,717	12,127,974	514,659	1,210,737
Gestat. length $\leq$ 36 wks	174.0	82.9	169.6	72.5	130.8	74.3
Gestat. length $\leq$ 31 wks	40.3	12.4	40.6	11.0	31.7	11.7
Gestat. length $\leq$ 27 wks	16.5	4.3	17.3	4.1	15.9	4.9
Sample Size	4,750,623	10,728,924	2,670,804	14,923,308	688,659	1,790,866

Notes: Sample contains singleton births to non-Hispanic black and white mothers who are born between 1955 and 1975. Information on mother's characteristics, infant birth weight and gestation length comes from the 1979 to 2000 Natality Detail Files; mother's medical risk factors come from the 1989-2000 Natality Detail files; and APGAR scores come from the 1979-1991 and 1995-2000 Natality Detail Files. The South region consists of all Southern states. The North region consists of the Middle Atlantic (New Jersey, New York, Pennsylvania) and East North Central (Indiana, Illinois, Michigan, Ohio, Wisconsin) divisions.

B. Mississippi- and Alabama-born women

	Born in Mississippi		Born in Alabama	
	Black	White	Black	White
<u>Mother's Characteristics</u>				
Age	23.7	24.9	23.8	25.0
Teenager percent	20.9	12.3	19.7	12.1
Less than HS percent	32.8	20.8	27.3	22.9
HS graduate percent	39.4	35.7	42.7	38.0
Some college percent	18.7	22.4	20.5	20.0
College grad+ percent	6.1	17.1	6.5	16.2
Missing educ. percent	3.0	3.9	3.1	2.9
Married percent	34.8	88.9	38.7	89.3
Prenatal care percent	97.7	99.4	97.3	99.1
Care in 1 st trimester %	66.0	85.8	63.5	83.9
Number of kids	2.55	2.02	2.43	2.01
Sample size	456,212	350,000	402,342	603,835
<u>Birth outcomes of infant (per 1,000)</u>				
Birth weight < 2500 g	112.7	51.6	109.7	51.3
Birth weight < 1500 g	21.3	7.5	22.2	8.1
Birth weight < 1000 g	11.0	3.4	11.5	3.6
Sample Size	455,765	349,847	401,828	603,518
5-min. APGAR $\leq$ 8	98.9	69.1	124.6	89.2
5-min. APGAR $\leq$ 7	40.3	20.3	46.1	24.0
5-min. APGAR $\leq$ 6	23.7	10.1	26.1	11.7
Sample Size	364,881	271,667	325,006	483,463
Gestat. length $\leq$ 36 wks	176.9	87.6	172.9	84.3
Gestat. length $\leq$ 31 wks	38.2	12.4	40.1	12.8
Gestat. length $\leq$ 27 wks	14.8	4.0	16.0	4.4
Sample Size	443,011	343,275	384,766	589,708

Notes: See notes to Panel A. Sample contains singleton births between 1979 and 2000 to non-Hispanic black and white women who are born in Mississippi and Alabama between 1955 and 1975.

C. New York- and Pennsylvania-born women

	Born in New York		Born in Pennsylvania	
	Black	White	Black	White
<u>Mother's Characteristics</u>				
Age	24.2	26.9	24.0	26.2
Teenager percent	18.7	6.0	19.5	8.0
Less than HS percent	26.9	9.1	26.4	13.2
HS graduate percent	37.6	33.4	45.0	46.7
Some college percent	20.0	20.5	18.0	18.3
College grad+ percent	6.8	22.7	6.6	19.0
Missing educ. percent	8.8	14.3	4.0	2.8
Married percent	30.0	85.3	27.0	83.4
Prenatal care percent	93.1	99.2	94.8	99.3
Care in 1 st trimester %	57.9	85.5	59.8	84.5
Number of kids	2.78	2.21	2.79	2.14
Sample size	655,493	2,941,231	355,016	2,357,479
<u>Birth outcomes of infant (per 1,000)</u>				
Birth weight < 2500 g	124.2	43.3	123.8	45.8
Birth weight < 1500 g	26.5	6.7	26.2	7.2
Birth weight < 1000 g	13.8	3.2	14.2	3.4
Sample Size	654,259	2,936,405	354,411	2,355,969
5-min. APGAR $\leq$ 8	110.5	78.5	131.7	85.7
5-min. APGAR $\leq$ 7	44.3	21.9	46.8	23.7
5-min. APGAR $\leq$ 6	25.9	10.3	26.8	11.5
Sample Size	518,242	2,312,145	284,337	1,907,375
Gestat. length $\leq$ 36 wks	164.0	67.7	172.2	71.4
Gestat. length $\leq$ 31 wks	40.2	10.2	42.4	11.1
Gestat. length $\leq$ 27 wks	17.0	3.8	18.3	4.1
Sample Size	639,189	2,882,747	334,278	2,300,024

Notes: See notes to Panel A. Sample contains singleton births between 1979 and 2000 to non-Hispanic black and white women who are born in New York and Pennsylvania between 1955 and 1975.

Table 3: Difference-in-differences estimates of 1960-1962 to 1968-1970 change in birth cohort effects, for United States-born and foreign-born women (estimated standard errors in parentheses)

	1968-1970 minus 1960-1962 Birth cohort differences (per 1,000 live births)					
	Unadjusted black-white differences			Regression-adjusted black-white diffs		
	U.S.-born	Foreign-born	U.S. – Foreign	U.S.-born	Foreign-born	U.S. – Foreign
<u>Mother's Health</u>						
Health Risk Factor	-41.22*** (1.03)	-2.56 (2.63)	-38.67*** (2.83)	-32.72*** (1.32)	-4.26 (3.66)	-28.46*** (3.89)
Herpes	4.34*** (0.21)	3.89*** (0.45)	0.44 (0.50)	5.55*** (0.27)	4.42*** (0.63)	1.13* (0.69)
<u>Infant Health Outcomes</u>						
Birth Weight < 2500 g	-12.12*** (0.44)	0.02 (1.32)	-12.14*** (1.39)	-32.71*** (0.68)	-3.57* (1.97)	-29.13*** (2.09)
Birth Weight < 1500 g	-1.03*** (0.21)	0.62 (0.70)	-1.65** (0.73)	-8.06*** (0.32)	-3.54*** (1.06)	-4.52*** (1.10)
Birth Weight < 1000 g	-0.25* (0.15)	0.41 (0.55)	-0.65 (0.57)	-4.34*** (0.24)	-2.01** (0.83)	-2.33*** (0.87)
5 min. APGAR ≤ 8	-11.11*** (0.55)	4.34** (1.83)	-15.45*** (1.91)	-24.57*** (0.88)	-6.58** (2.94)	-17.98*** (3.07)
5 min. APGAR ≤ 7	-5.14*** (0.35)	1.03 (1.13)	-6.17*** (1.18)	-11.38*** (0.55)	-2.55 (1.83)	-8.83*** (1.91)
5 min. APGAR ≤ 6	-3.10*** (0.26)	0.31 (0.86)	-3.41*** (0.89)	-6.82*** (0.41)	-0.69 (1.39)	-6.12*** (1.45)
Gestat length ≤ 36 wks	-7.90*** (0.53)	-2.24 (1.61)	-5.67*** (1.70)	-22.44*** (0.80)	-5.55** (2.43)	-16.89*** (2.56)
Gestat length ≤ 31 wks	-0.28 (0.27)	0.25 (0.81)	-0.54 (0.86)	-8.05*** (0.41)	-4.10*** (1.22)	-3.95*** (1.29)
Gestat length ≤ 27 wks	0.01 (0.18)	0.55 (0.58)	-0.54 (0.60)	-3.80*** (0.27)	-2.16** (0.87)	-1.65* (0.91)

Notes: See notes to Table 2. ***, **, and * indicate statistical significance at the 1, 5, and 10 percent levels, respectively. Results based on linear probability regressions. Standard errors corrected for heteroskedasticity. Sample contains the 1960-1962 and 1968-1970 birth cohorts. The “Regression-adjusted” specifications allow for unrestricted dummies for survey year, marital status, educational categories, and two-year age categories that vary by race and for US-born and foreign-born women.

Table 4: Difference-in-differences-in-differences estimates for United States-born
versus foreign-born women,
(estimated standard errors in parentheses)

Outcomes (per 1,000)	Unadjusted	Regression 1	Regression 2	Regression 3
<u>Mother's Health</u>				
Health Risk Factor	-38.67*** (2.83)	-23.86*** (2.84)	-26.16*** (3.26)	-28.46*** (3.89)
Herpes	0.44 (0.50)	1.00** (0.51)	1.35** (0.58)	1.13* (0.69)
Sample Size	6,070,029	6,070,029	6,070,029	6,070,029
<u>Infant Health Outcomes</u>				
Birth Weight < 2500 grams	-12.14*** (1.39)	-13.08*** (1.42)	-29.02*** (1.87)	-29.13*** (2.09)
Birth Weight < 1500 grams	-1.65** (0.73)	-1.65** (0.75)	-4.47*** (0.99)	-4.52*** (1.10)
Birth Weight < 1000 grams	-0.65 (0.57)	-0.49 (0.59)	-1.98*** (0.78)	-2.33*** (0.87)
Sample Size	11,708,986	11,708,986	11,708,986	11,708,986
5 min. APGAR ≤ 8	-15.45*** (1.91)	-14.62*** (1.95)	-16.43*** (2.71)	-17.98*** (3.07)
5 min. APGAR ≤ 7	-6.17*** (1.18)	-5.14*** (1.20)	-8.54*** (1.69)	-8.83*** (1.91)
5 min. APGAR ≤ 6	-3.41*** (0.89)	-2.80*** (0.91)	-5.41*** (1.29)	-6.12*** (1.45)
Sample Size	8,446,258	8,446,258	8,446,258	8,446,258
Gestat length ≤ 36 wks	-5.67*** (1.70)	-13.02*** (1.73)	-21.73*** (2.26)	-16.89*** (2.56)
Gestat length ≤ 31 wks	-0.54 (0.86)	-2.95*** (0.87)	-5.80*** (1.16)	-3.95*** (1.29)
Gestat length ≤ 27 wks	-0.54 (0.60)	-1.36** (0.61)	-2.16*** (0.82)	-1.65* (0.91)
Sample Size	11,346,865	11,346,865	11,346,865	11,346,865

Notes: See notes to Tables 2 and 3. ***, **, and * indicate statistical significance at the 1, 5, and 10 percent levels, respectively. Results based on linear probability regressions. Standard errors corrected for heteroskedasticity. Sample contains the 1960-1962 and 1968-1970 birth cohorts. Regression 1 allows for unrestricted dummies for age, survey year, marital status, and educational categories that vary by race but constrains them to be the same for US- and foreign-born mothers. Regression 2 only constrains the race-specific age effects to be the same by US-born and foreign-born status. Regression 3 includes interactions of race-specific, two-year age categories with US-born and foreign-born status.

Table 5: Difference-in-differences estimates of 1960-1962 to 1968-1970 change in birth cohort effects,
for United States-born from the National Health Interview Surveys
(estimated standard errors in parentheses)

Table 6: Mississippi- and Alabama-born mother's, difference-in-differences-in-differences estimates
(estimated standard errors in parentheses)

Infant outcomes (per 1,000)	Unadjusted	Regression 1	Regression 2
Birth Weight < 2500 grams	-7.82*** (2.92)	-7.28*** (2.92)	-6.35* (3.39)
Birth Weight < 1500 grams	-5.17*** (1.30)	-5.20*** (1.30)	-4.08*** (1.52)
Birth Weight < 1000 grams	-2.65*** (0.92)	-2.72*** (0.92)	-2.72*** (1.09)
Sample Size	596,821	596,821	596,821
5 min. APGAR <= 8	-7.77** (3.51)	-7.52** (3.51)	-8.28** (4.11)
5 min. APGAR <= 7	-4.11** (2.14)	-4.01* (2.14)	-7.04*** (2.50)
5 min. APGAR <= 6	-2.48 (1.60)	-2.40 (1.60)	-4.20** (1.87)
Sample Size	474,267	474,267	474,267

Notes: ***, **, and * indicate statistical significance at the 1, 5, and 10 percent levels, respectively. Results based on linear probability regressions. Standard errors corrected for heteroskedasticity. Sample contains the 1962-1964 and 1967-1969 birth cohorts. Regression 1 allows for unrestricted dummies for age, survey year, marital status, and educational categories that vary by race but constrains them to be the same for Mississippi- and Alabama-born mothers. Regression 2 only constrains race-specific age effects to be the same by state of mother's.

Table 7: New York- and Pennsylvania-born mother's, difference-in-differences-in-differences estimates
(estimated standard errors in parentheses)

Infant outcomes (per 1,000)	Unadjusted	Regression 1	Regression 2
Birth Weight < 2500 grams	-2.98 (2.43)	-2.33 (2.43)	-4.29 (2.77)
Birth Weight < 1500 grams	-1.58 (1.17)	-1.75 (1.18)	-2.28* (1.35)
Birth Weight < 1000 grams	-1.51* (0.87)	-1.67* (0.87)	-2.03** (1.00)
Sample Size	2,084,130	2,084,130	2,084,130
5 min. APGAR <= 8	6.31** (2.79)	5.96** (2.81)	-1.39 (3.21)
5 min. APGAR <= 7	1.38 (1.74)	1.05 (1.75)	-1.82 (2.01)
5 min. APGAR <= 6	-1.36 (1.33)	-1.79 (1.33)	-1.96 (1.54)
Sample Size	1,602,369	1,602,369	1,602,369

Notes: ***, **, and * indicate statistical significance at the 1, 5, and 10 percent levels, respectively. Results based on linear probability regressions. Standard errors corrected for heteroskedasticity. Sample contains the 1962-1964 and 1967-1969 birth cohorts. Regression 1 allows for unrestricted dummies for age, survey year, marital status, and educational categories that vary by race but constrains them to be the same for New York- and Pennsylvania-born mothers. Regression 2 only constrains race-specific age effects to be the same by state of mother's.

Appendix Table 1:

<u>Year Of Birth</u>	<u>Survey Year</u>																					
	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
1955	24	25	26	27	28	29	30	31	32	33	34	35										
1956	23	24	25	26	27	28	29	20	31	32	33	34	35									
1957	22	23	24	25	26	27	28	29	30	31	32	33	34	35								
1958	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35							
1959	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35						
1960	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35					
1961	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35				
1962	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35			
1963	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35		
1964		16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	
1965			16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
1966				16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
1967					16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
1968						16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
1969							16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1970								16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1971									16	17	18	19	20	21	22	23	24	25	26	27	28	29
1972										16	17	18	19	20	21	22	23	24	25	26	27	28
1973											16	17	18	19	20	21	22	23	24	25	26	27
1974												16	17	18	19	20	21	22	23	24	25	26
1975													16	17	18	19	20	21	22	23	24	25

Figure 1: Trends in the Infant Mortality Rate by Race, 1950-1990



Note: Alaska included in 1959 and Hawaii in 1960.

Source: Various Issues of *Vital Statistics of the United States*.

Figure 2: Postneonatal Mortality Rates by Race for Selected States, 1941-1971

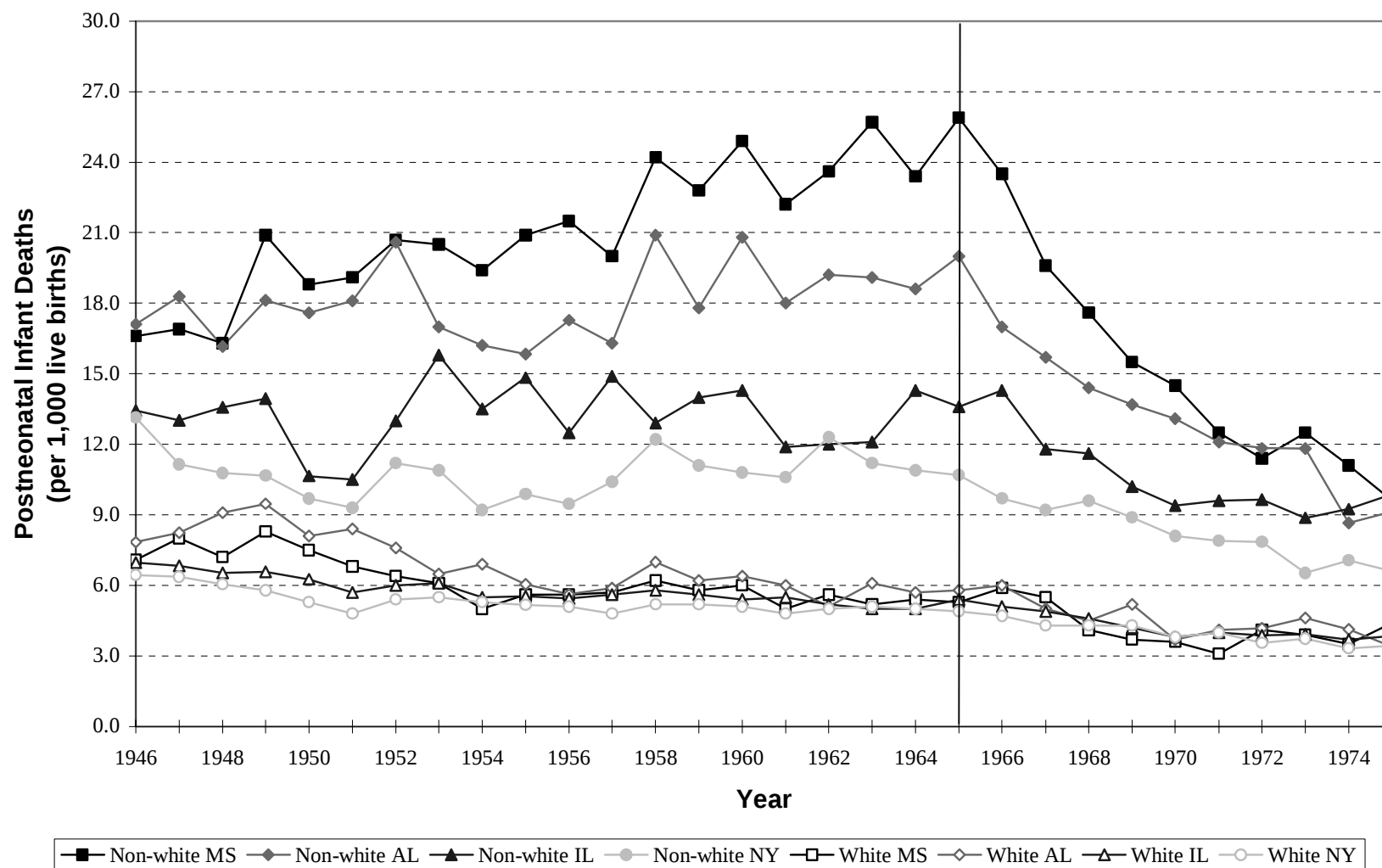
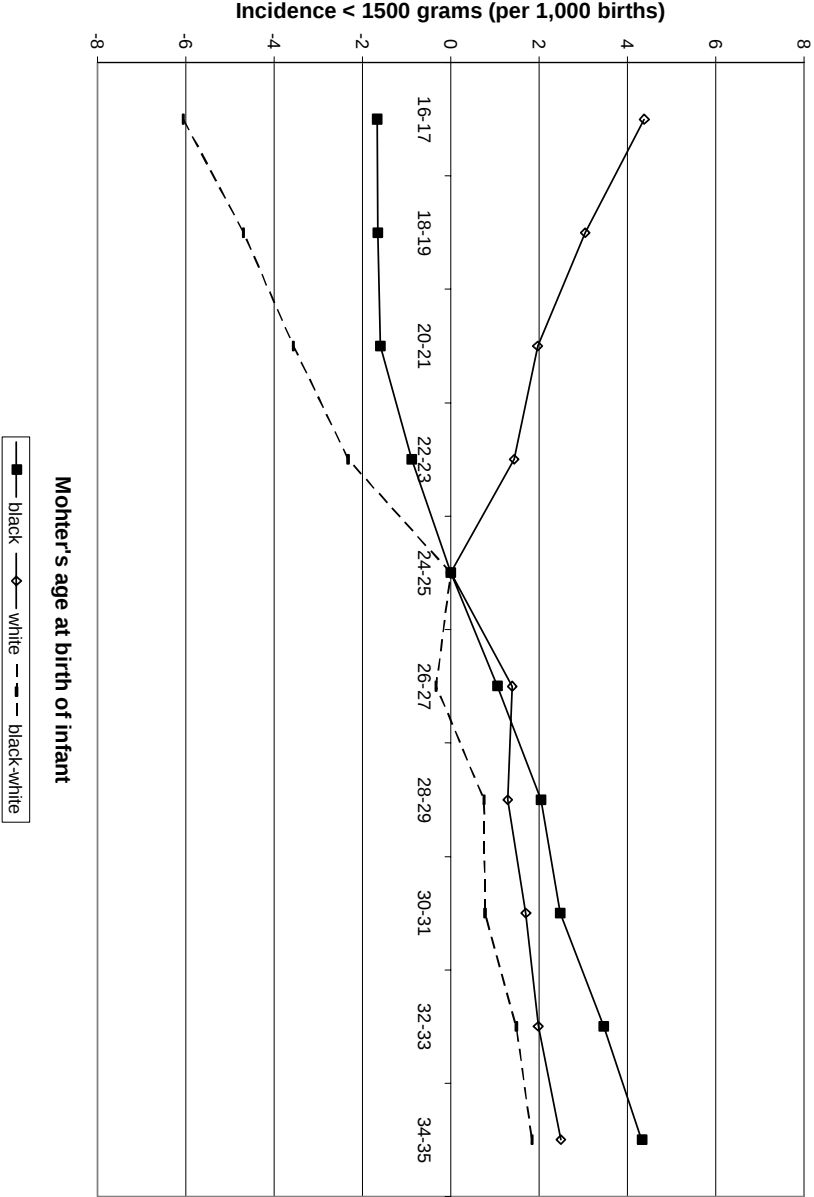
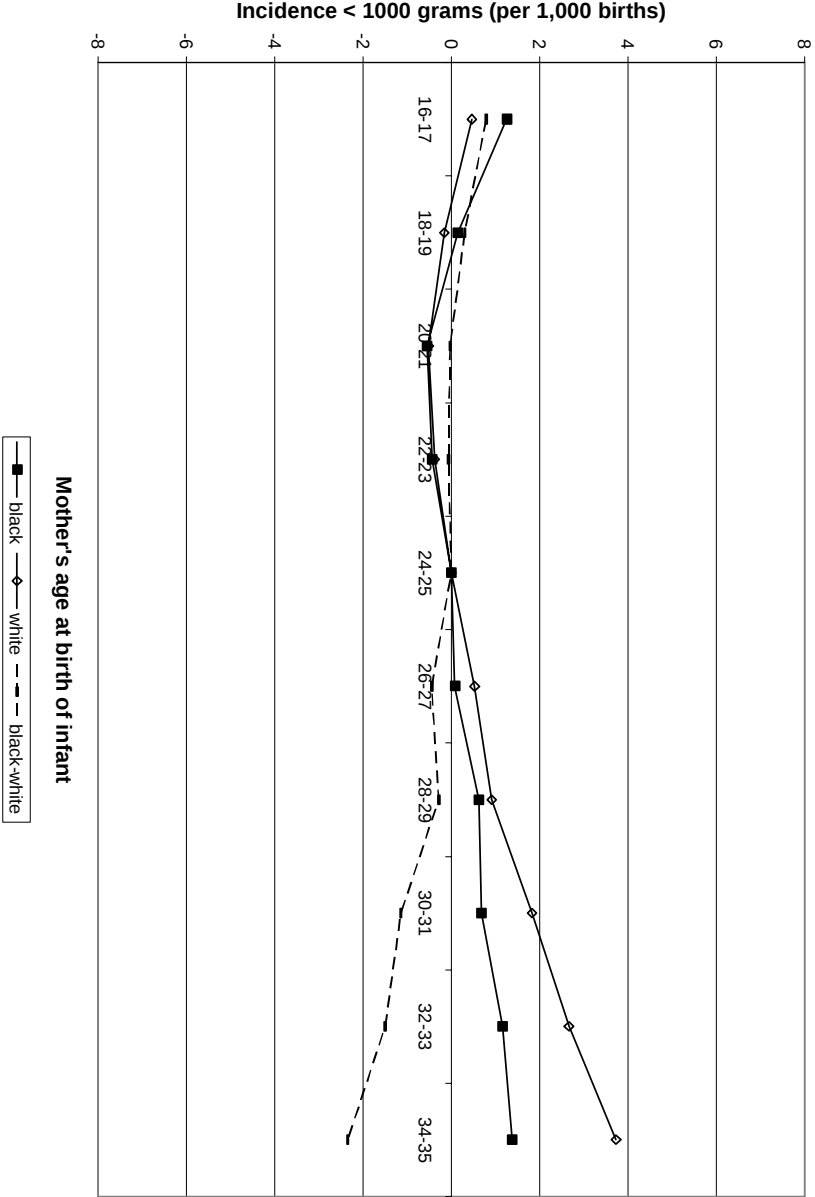


Figure 3: Mother's Age Effects in Infant Health in the United States,
Women born in 1955 to 1975, who gave birth in 1979 to 2000

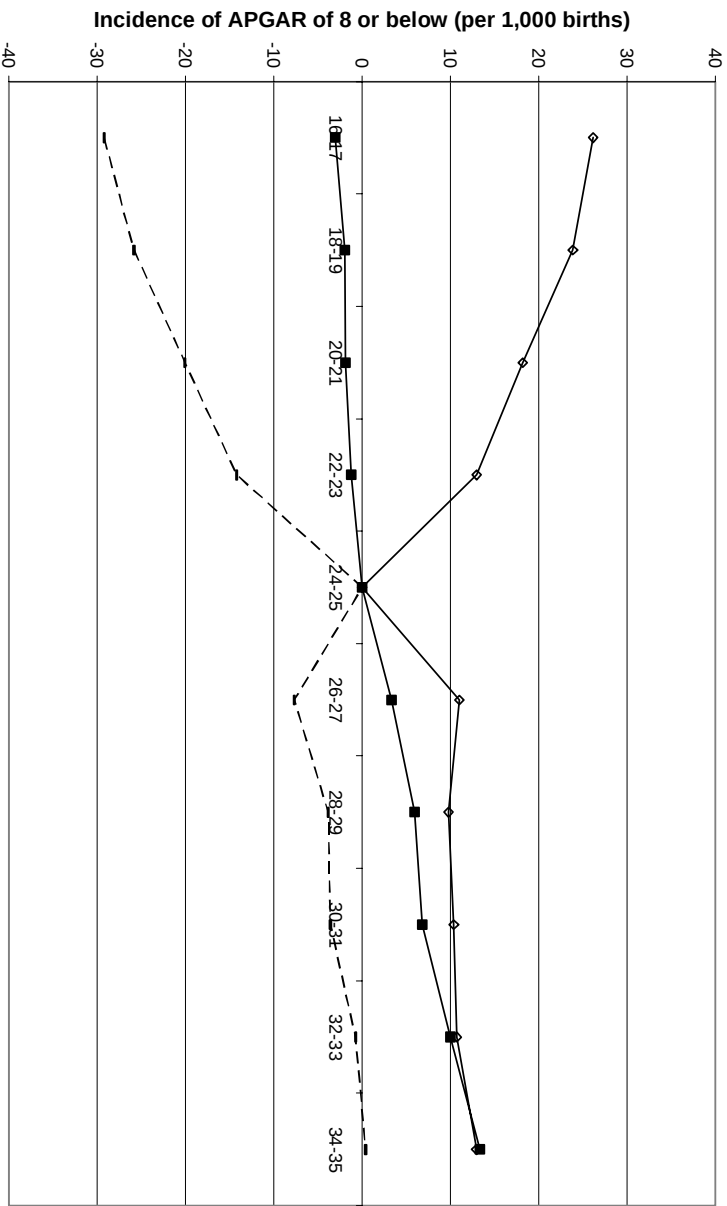
A. Incidence of infant birth below 1500 grams – no controls for year-of-birth of the mother



B. Incidence of infant birth below 1500 grams – controls for year-of-birth of the mother



C. Incidence of infant with 5-minute APGAR of 8 or below – no controls for mother's year-of-birth



D. Incidence of infant with 5-minute APGAR of 8 or below – controls for mother's year-of-birth

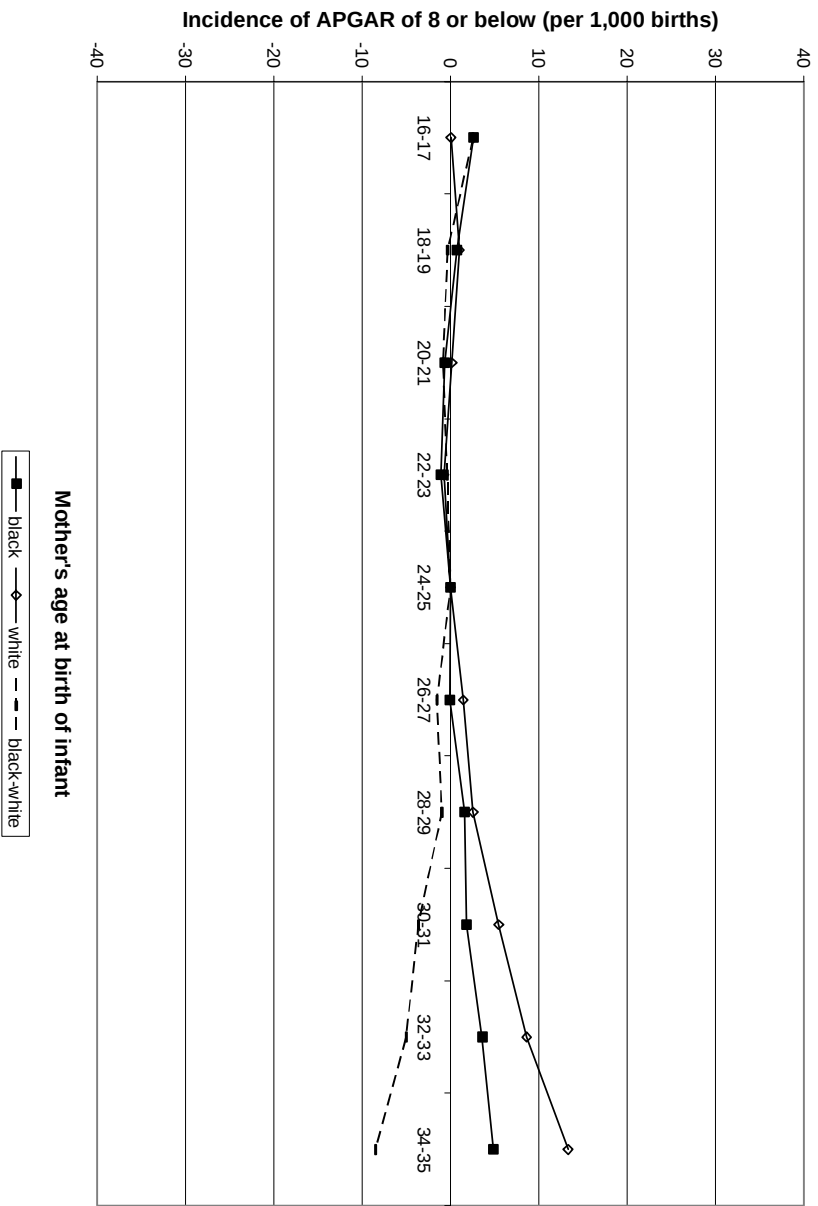


Figure 4: Regressions-adjusted mother's year-of-birth effects on risk of extremely low birth weight (less than 1000 grams)

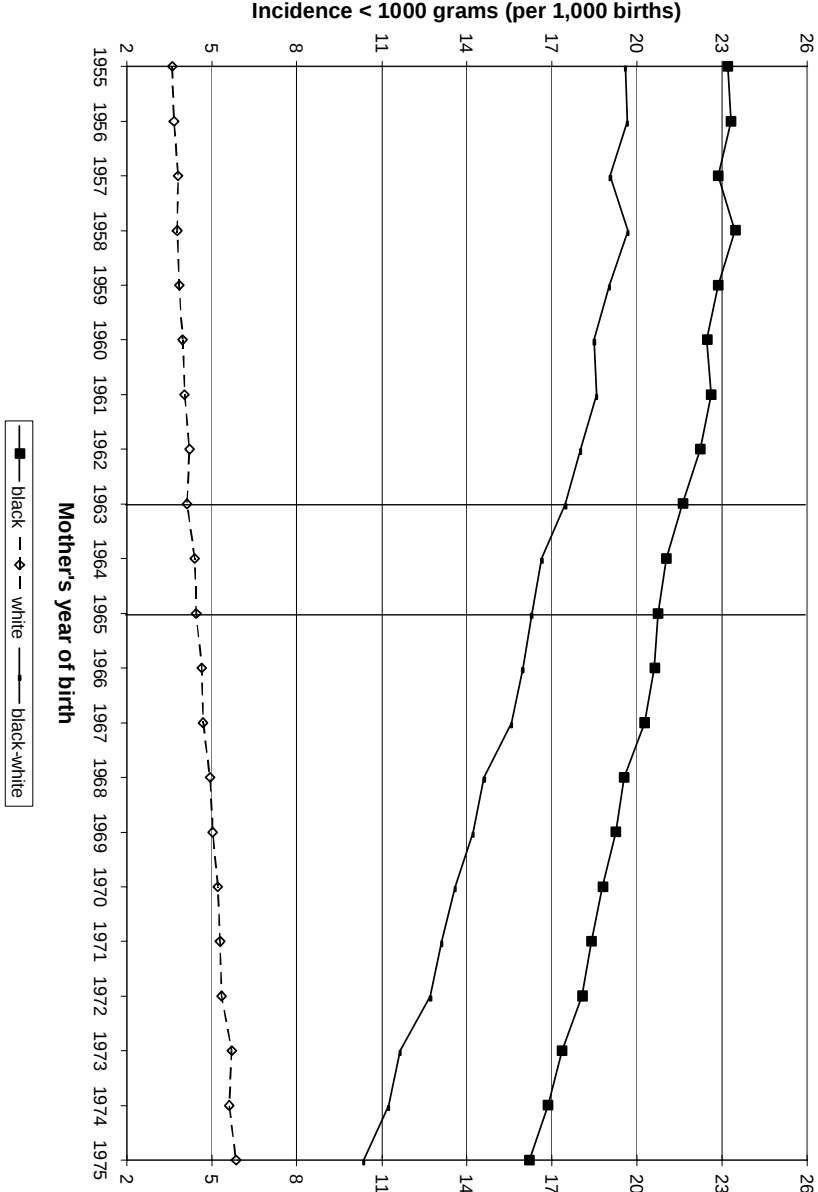
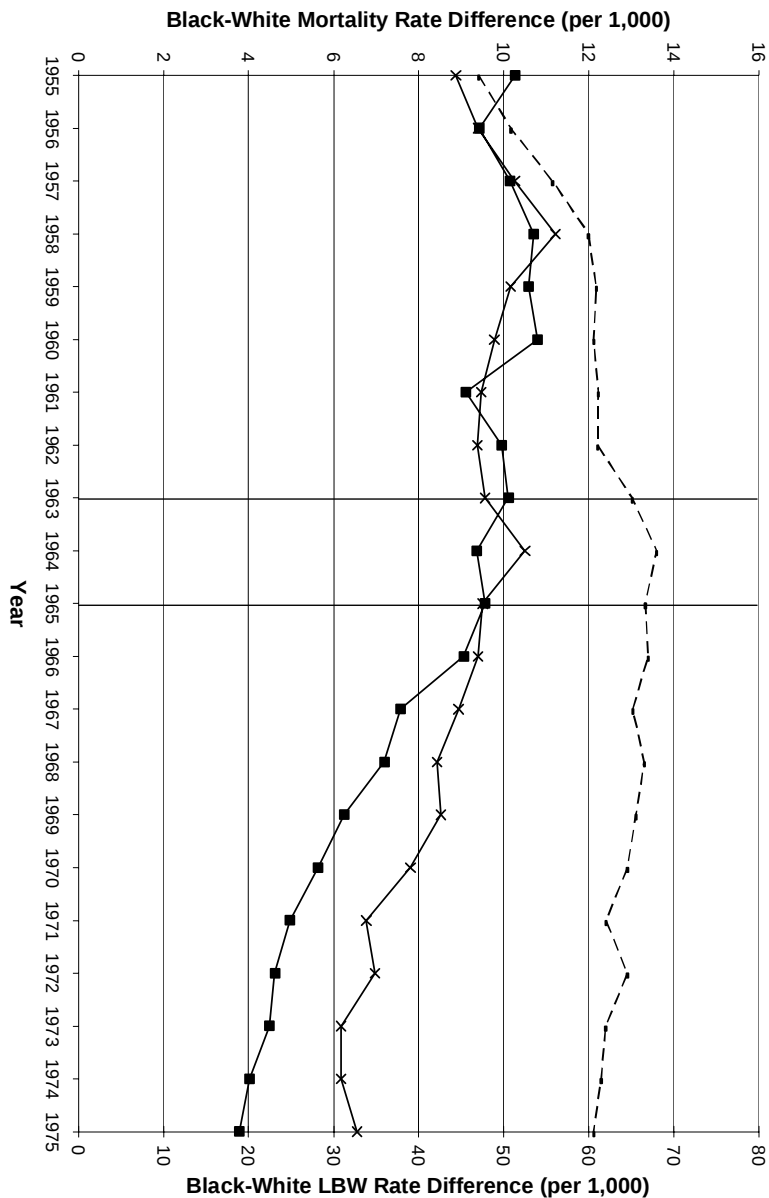
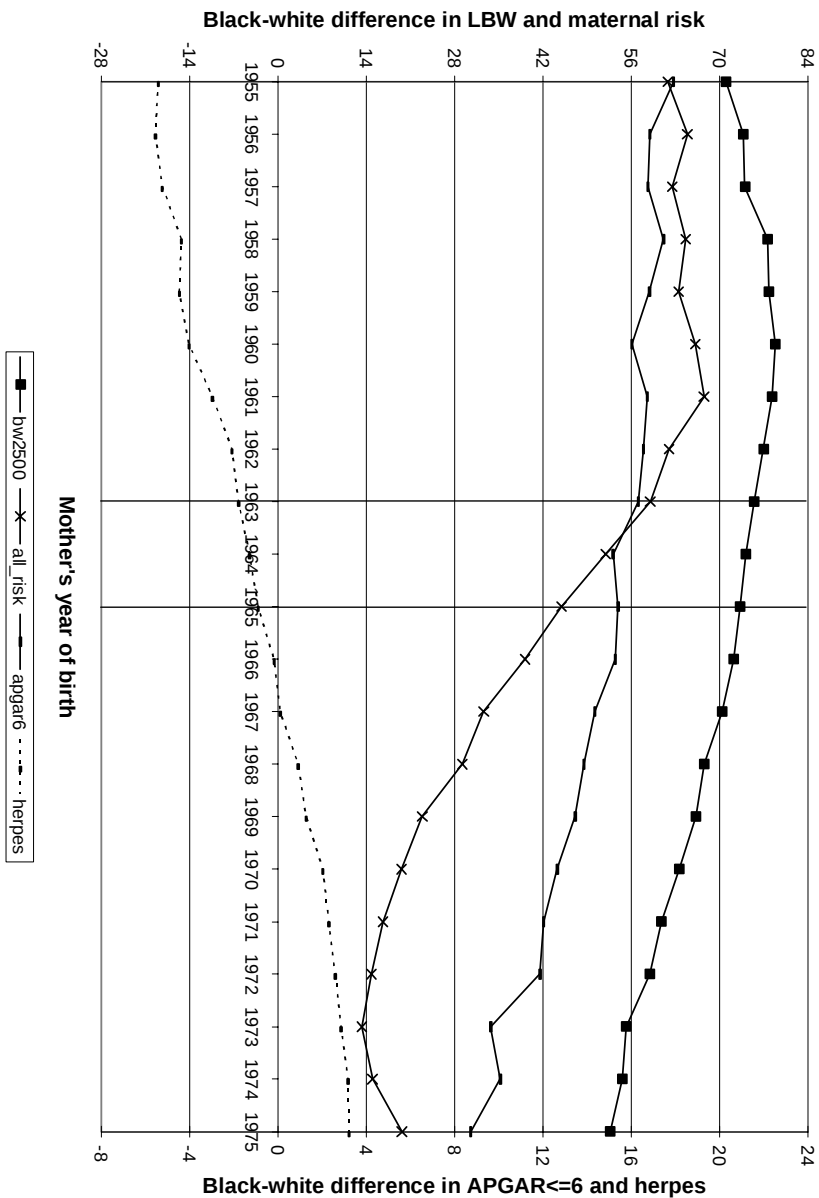


Figure 5: Black-white differences in the United States, by year and by year-of-birth

A. Black-white differences in infant mortality rates and low birth weight incidence in U.S.



B. Raw black-white differences in outcomes by mother's year of birth (per 1,000)



C. Regression-adjusted black-white differences in outcomes by mother's year of birth (per 1,000)

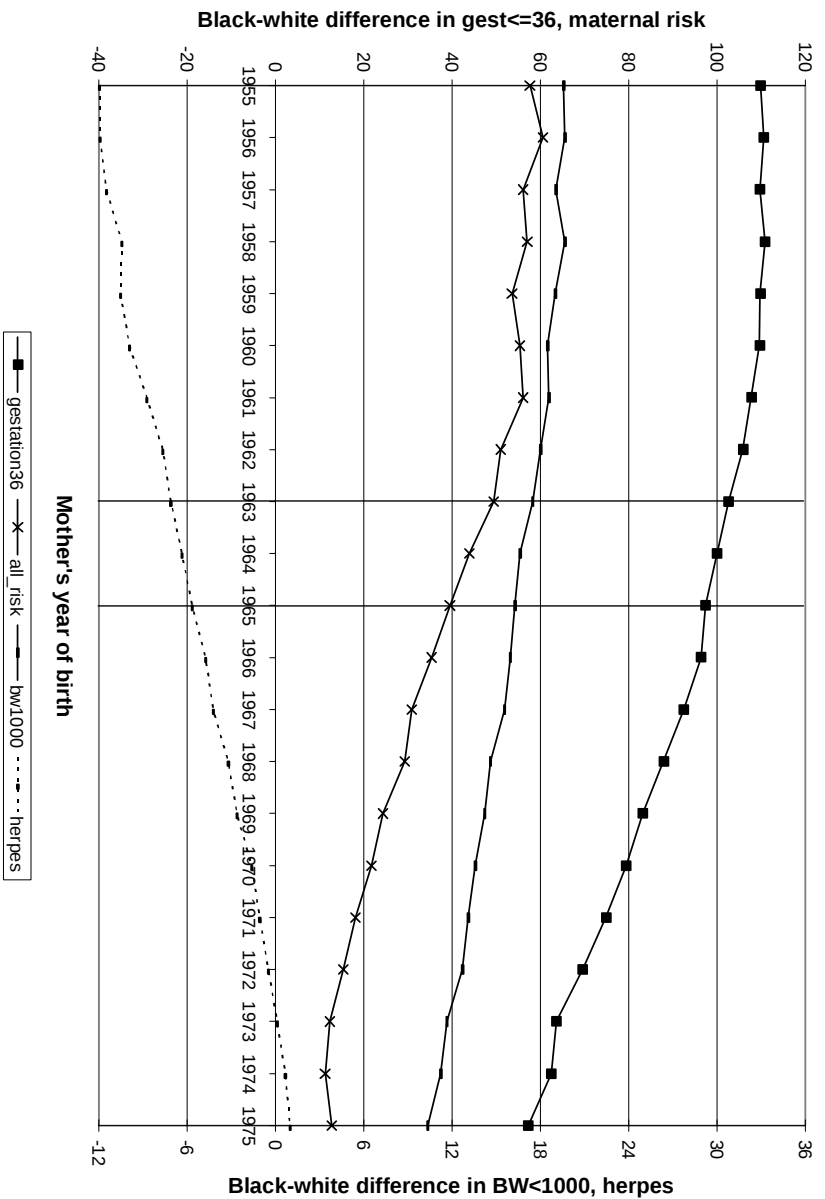
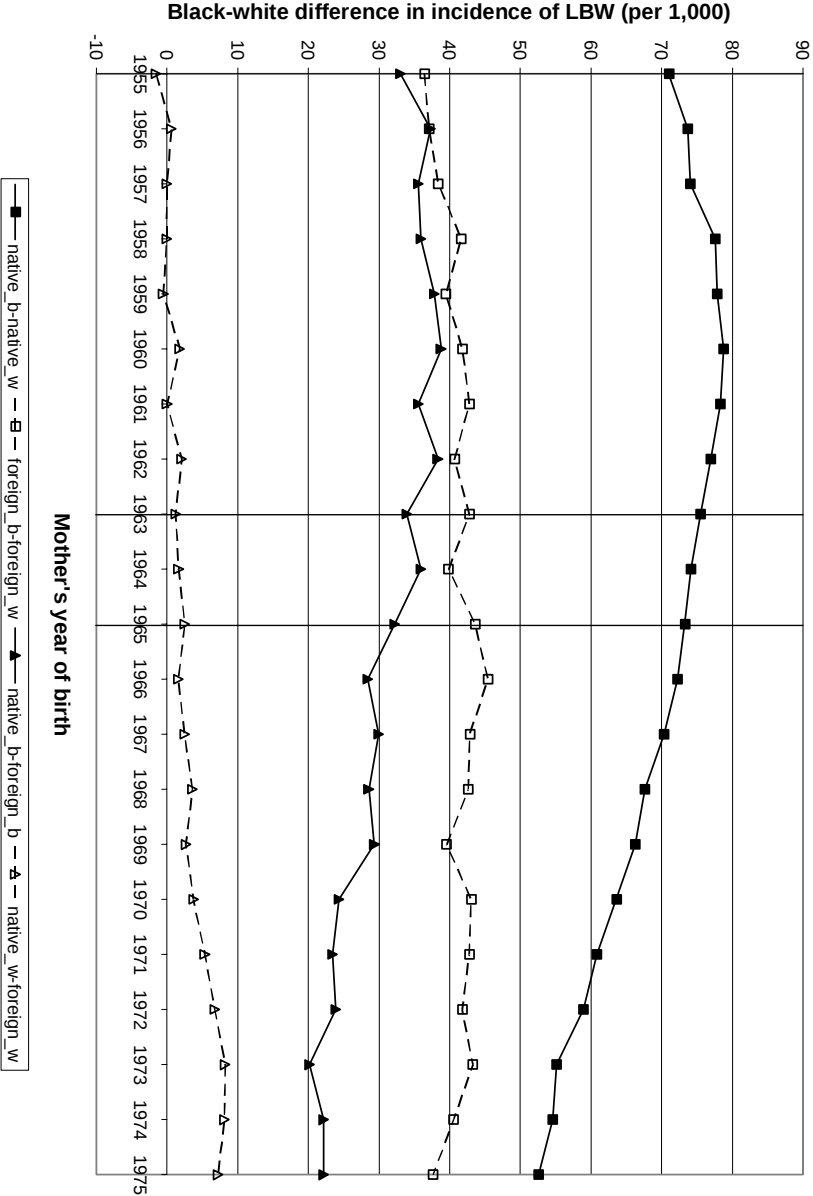


Figure 6: Native versus Foreign-born year-of-birth effects in outcomes of interest

A. Black-white, native-foreign, raw differences in low birth weight incidence (less than 2500 grams)



B. Black-white, native-foreign, raw differences in incidence of maternal health risk

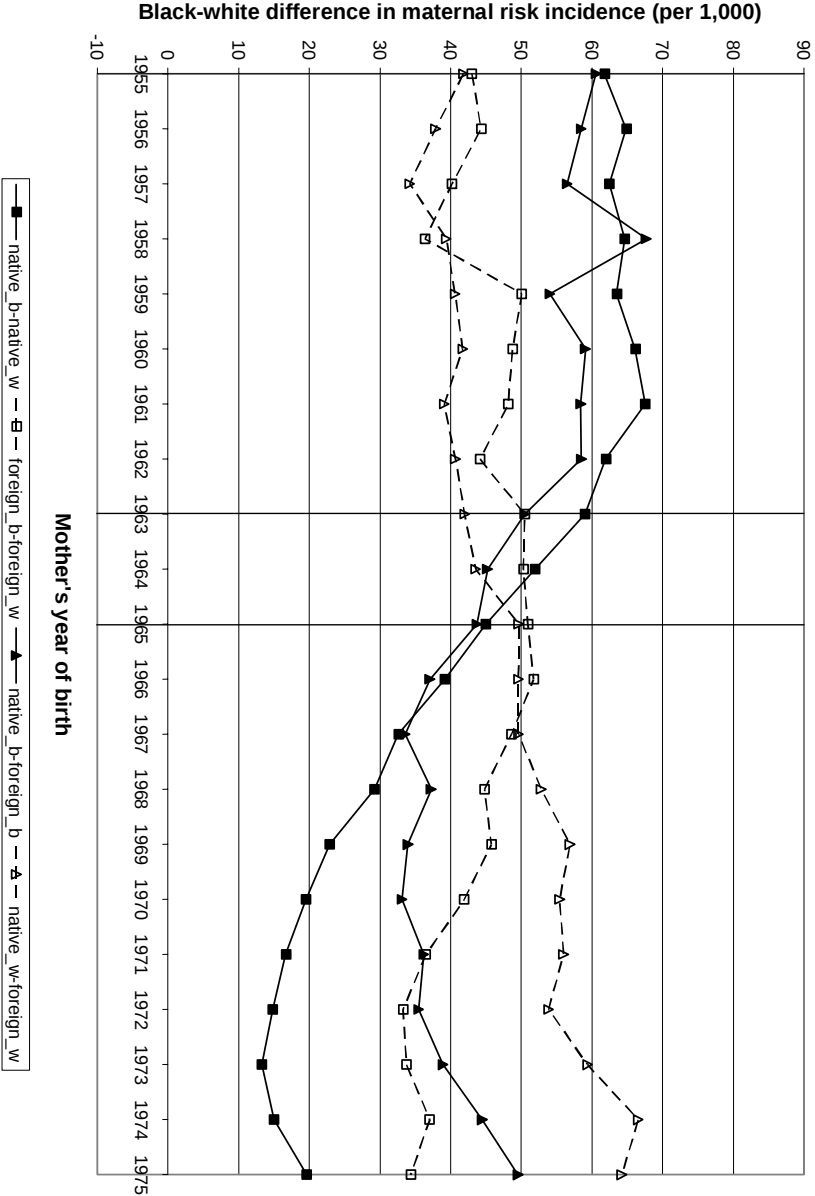
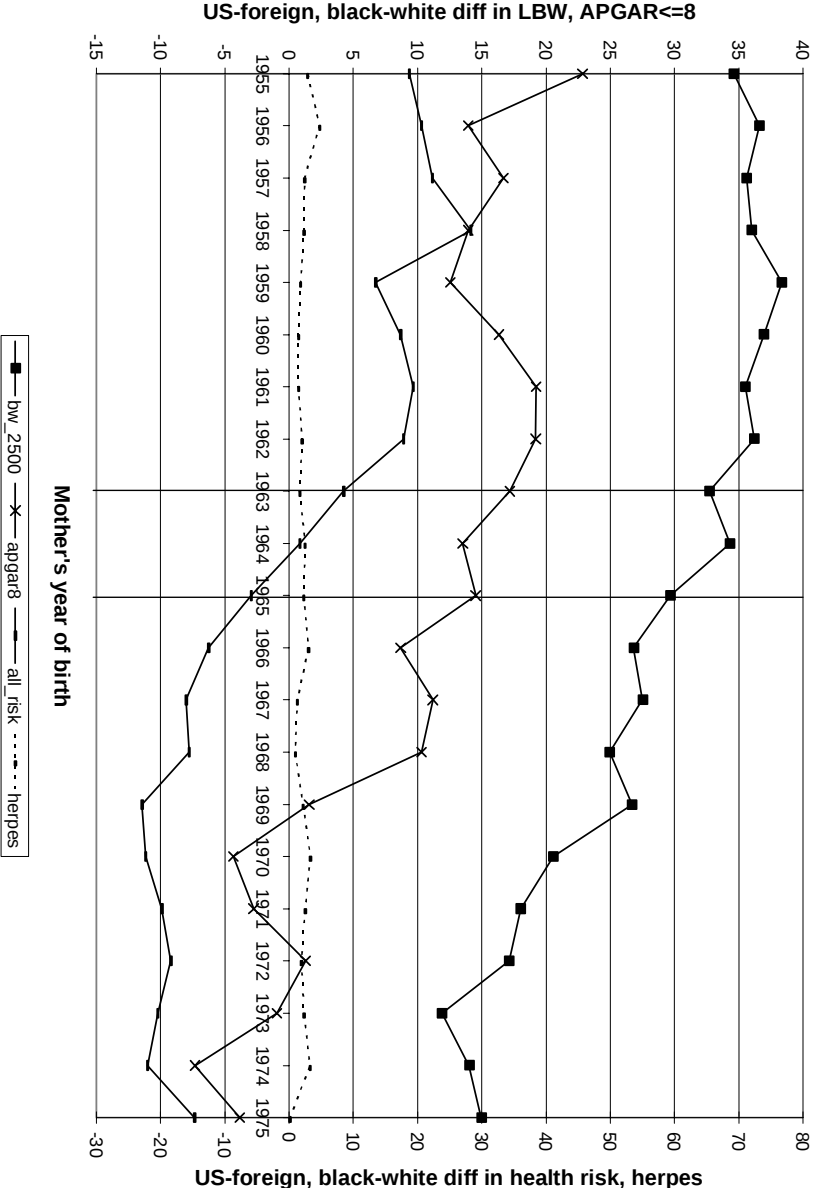


Figure 7: Native versus Foreign-born difference in black-white differences for outcomes

A. Raw difference-in-differences for LBW, APGAR ≤ 8 , maternal health risk and herpes (per 1,000)



B. Regression-adjusted difference-in-differences for outcomes (per 1,000)

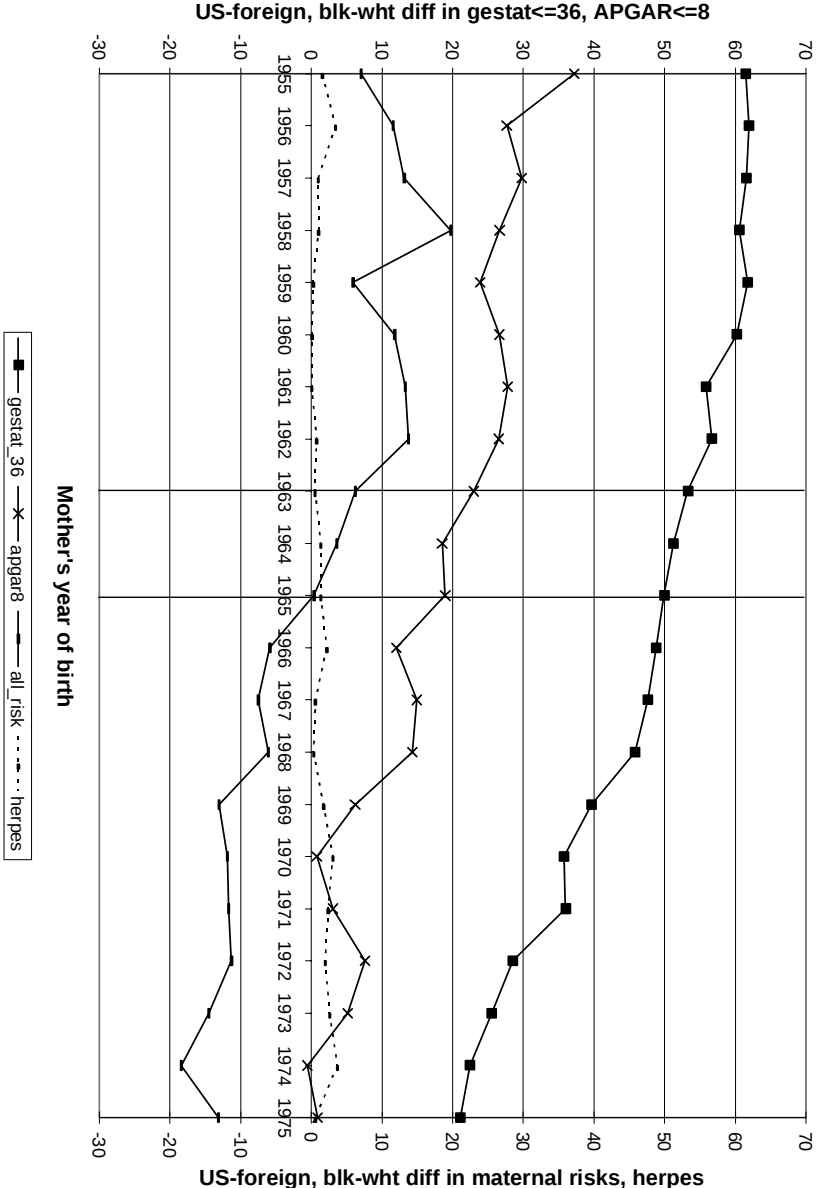
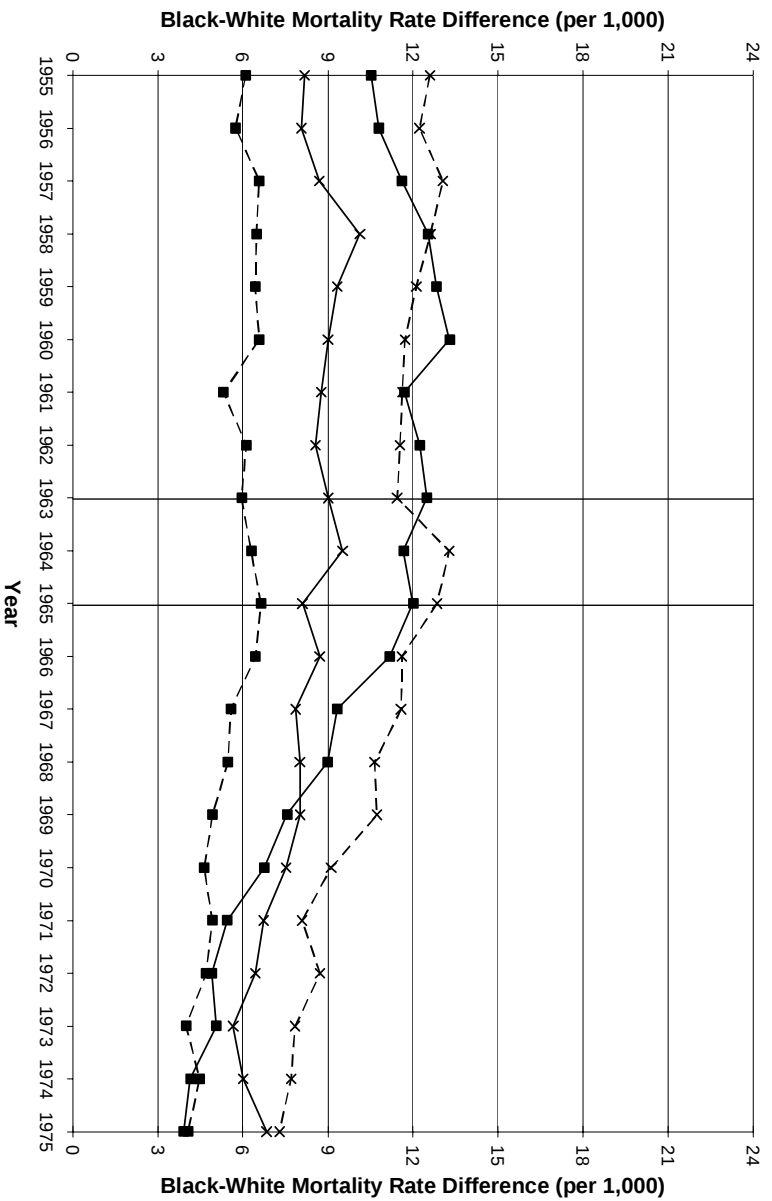


Figure 8: Infant mortality and low birth weight (less than 2,500 grams) incidence in South and Non-South (Mid-Atlantic, East North Central)

A. Black-White differences in infant mortality rates in South and Non-South



B. South-Non-South, black-white difference in infant mortality and low birth weight incidence

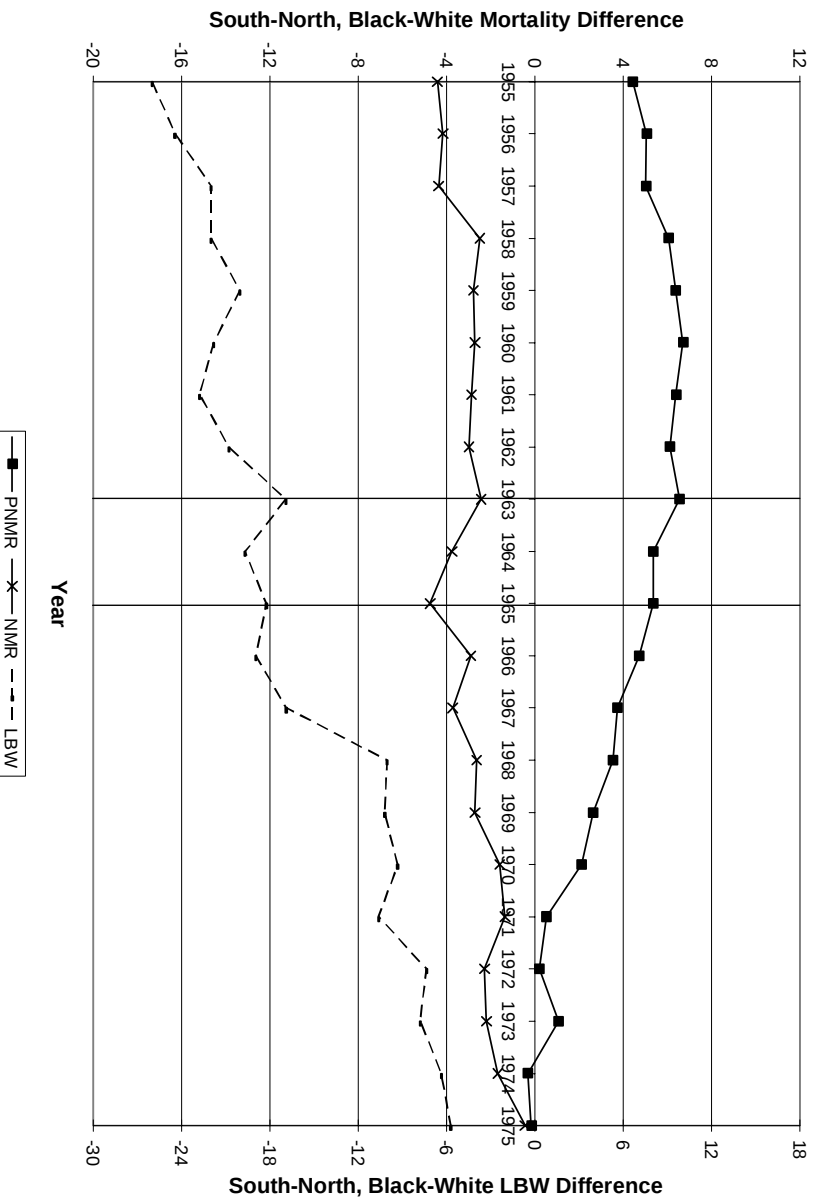
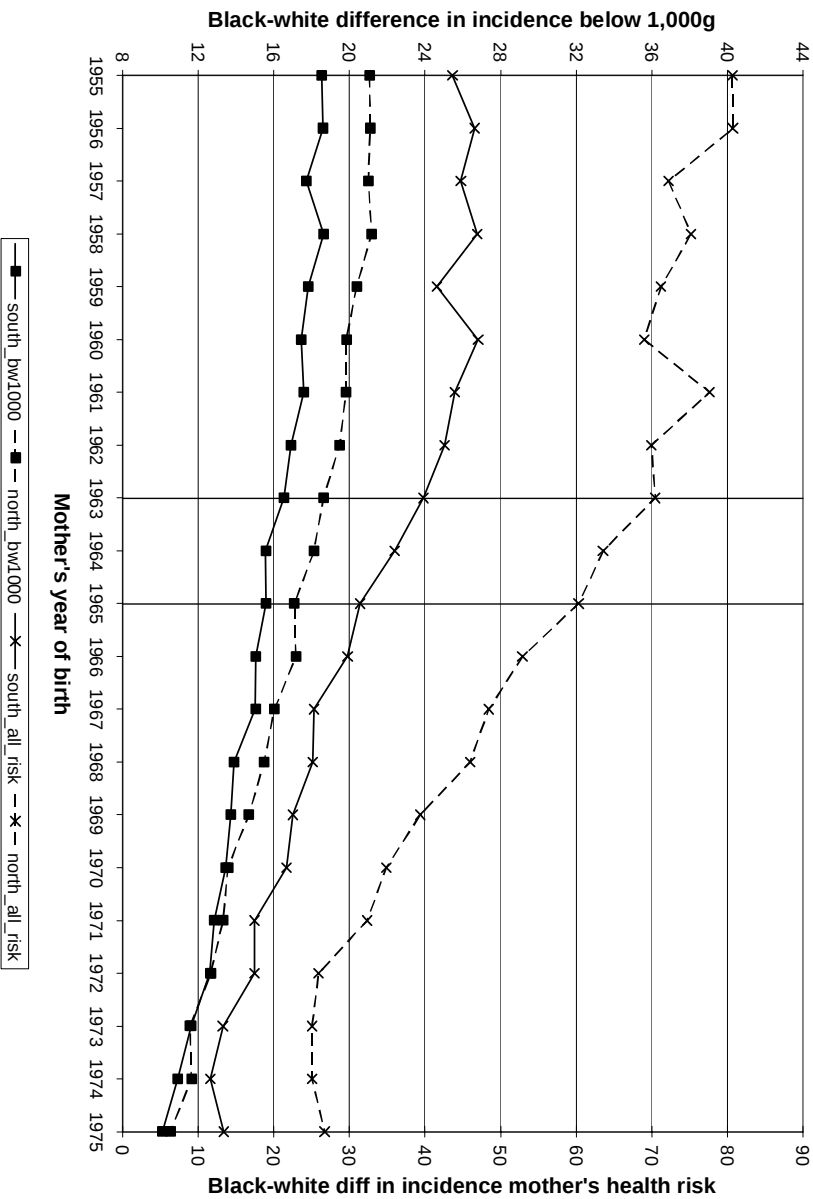


Figure 9: Maternal health risk and infant birth weight by mother's year of birth in South and Non-South

A. Regression-adjusted black-white differences in South and Non-South



B. Raw and regression-adjusted, South-Non-South, black-white differences

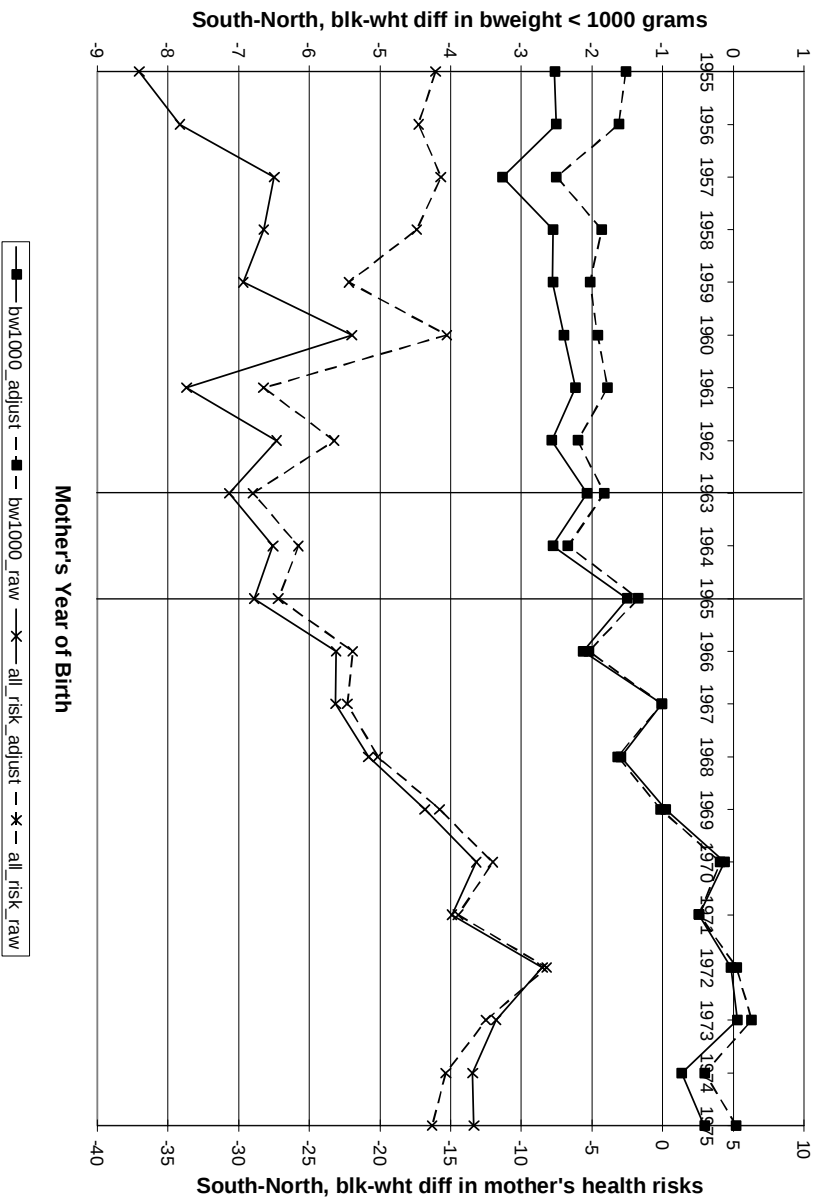
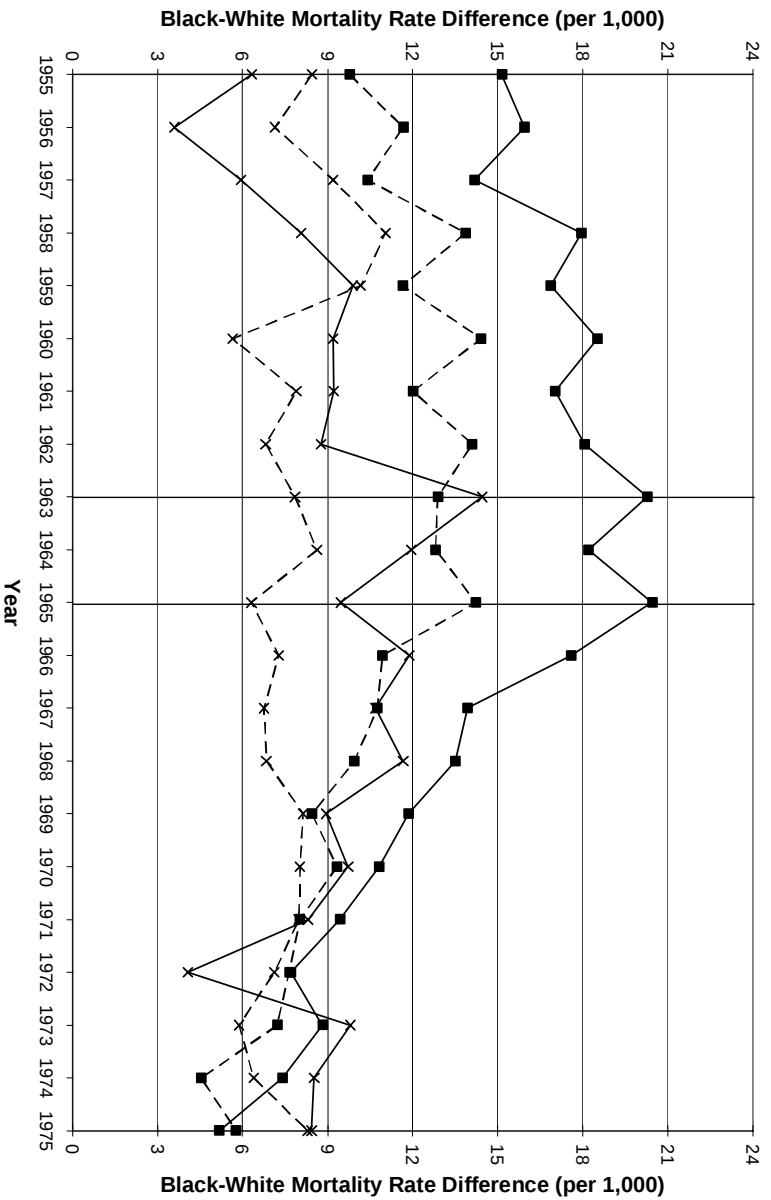
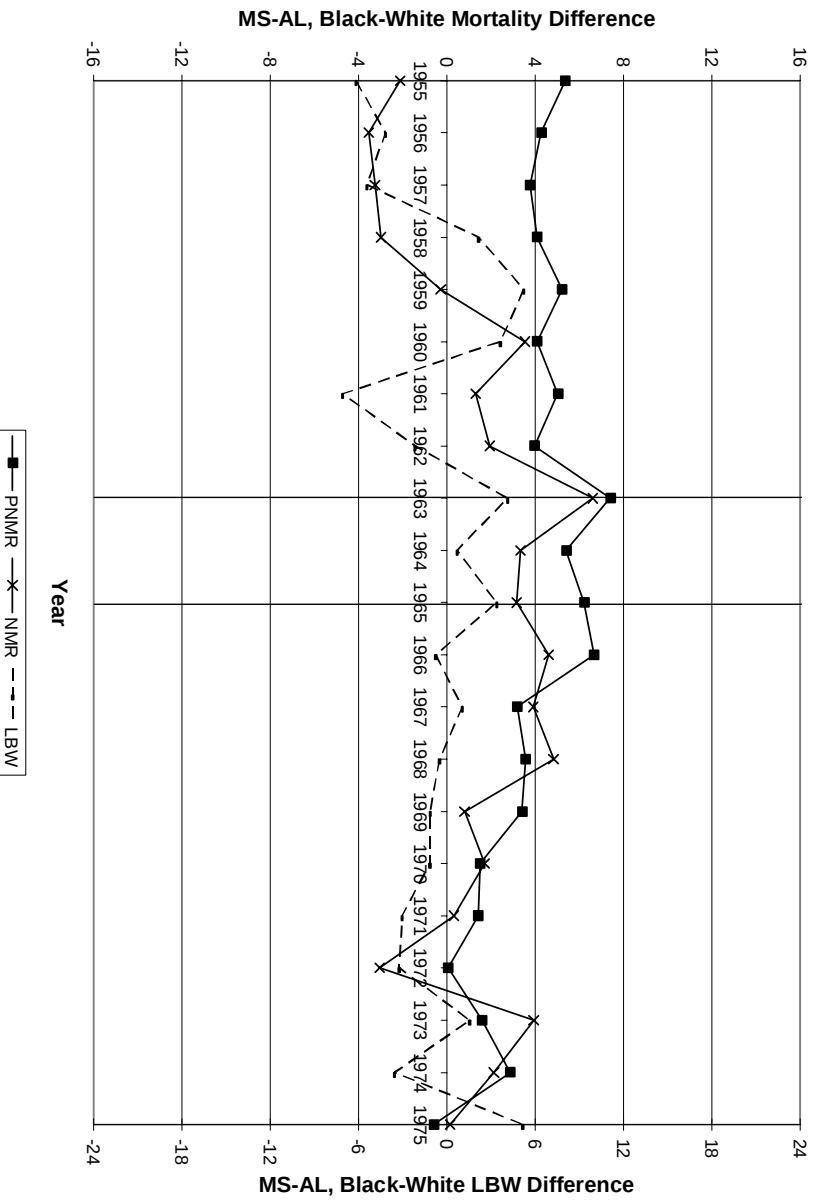


Figure 10: Comparisons of Mississippi and Alabama,

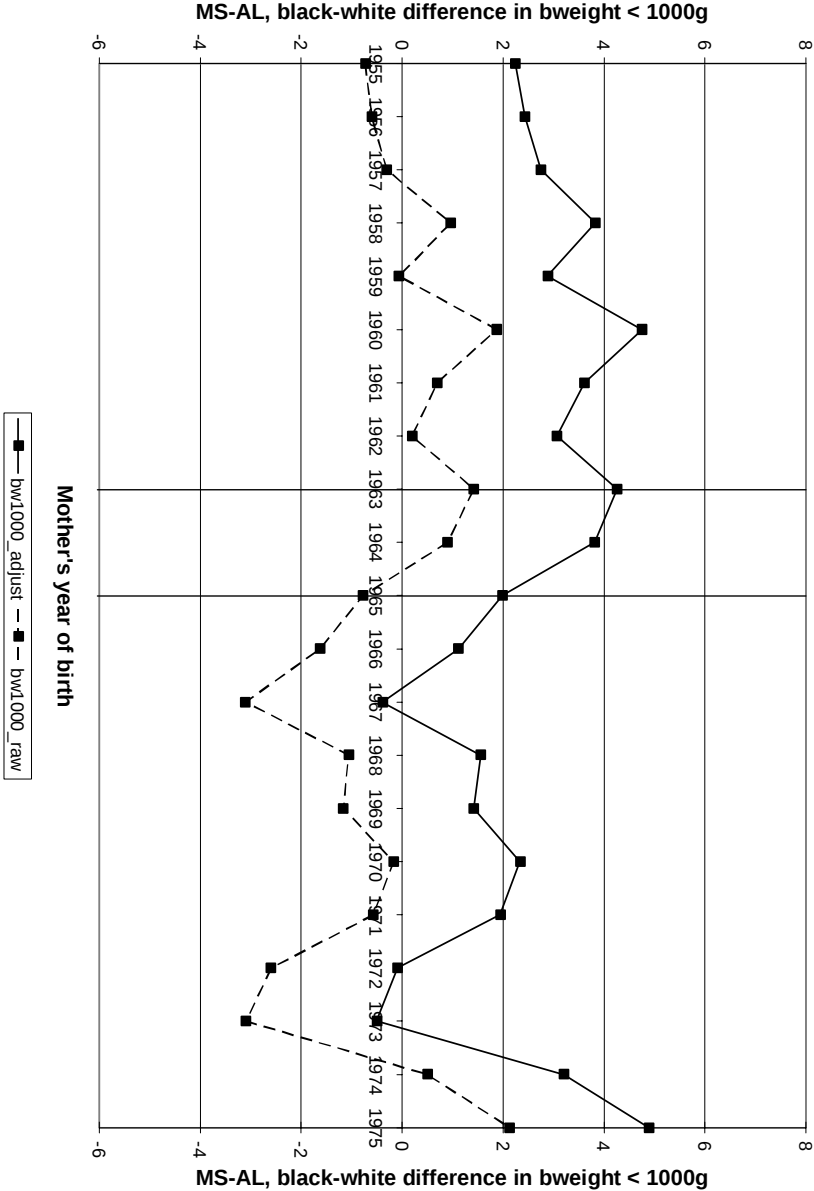
A. Black-White differences in infant mortality rates in Mississippi and Alabama



B. Mississippi-Alabama, black-white difference in infant mortality and low birth weight incidence



C. Raw and regression-adjusted, Mississippi-Alabama, black-white difference in birth weight below 1000 grams



D. Raw and regression-adjusted, Mississippi-Alabama, black-white difference in APGAR of 8 or below

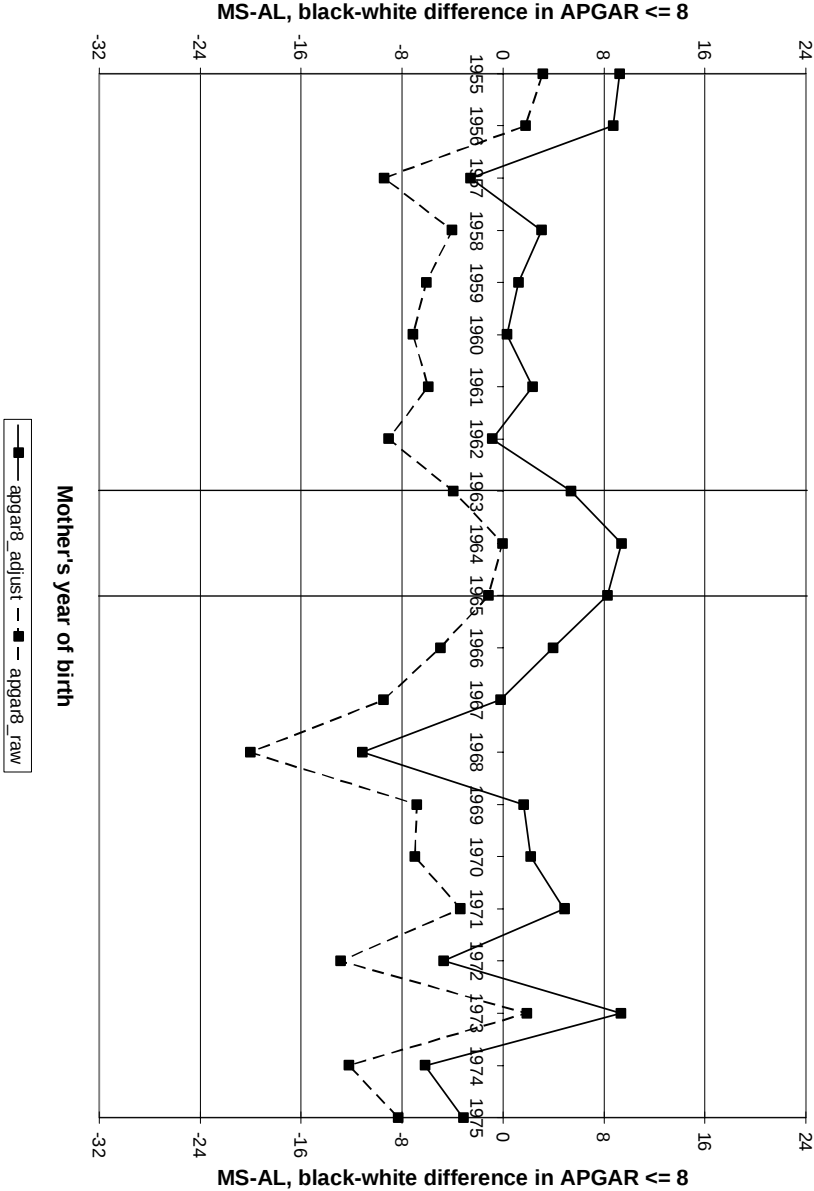
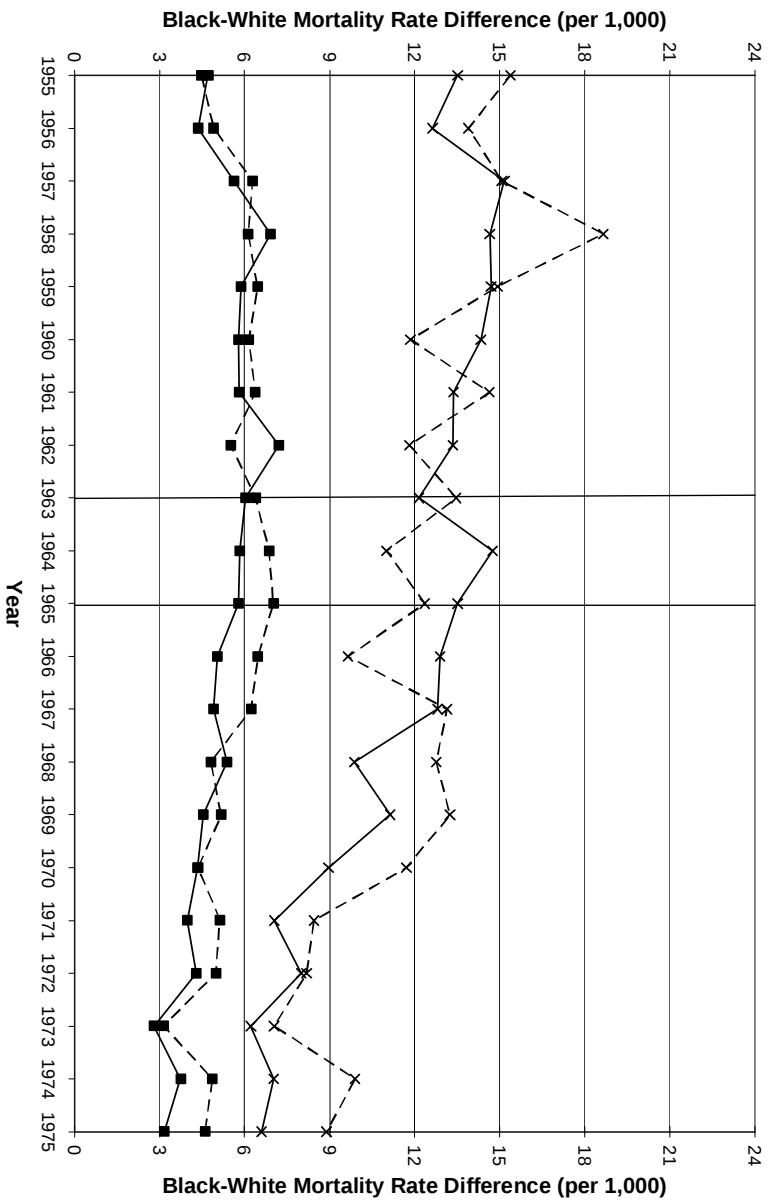
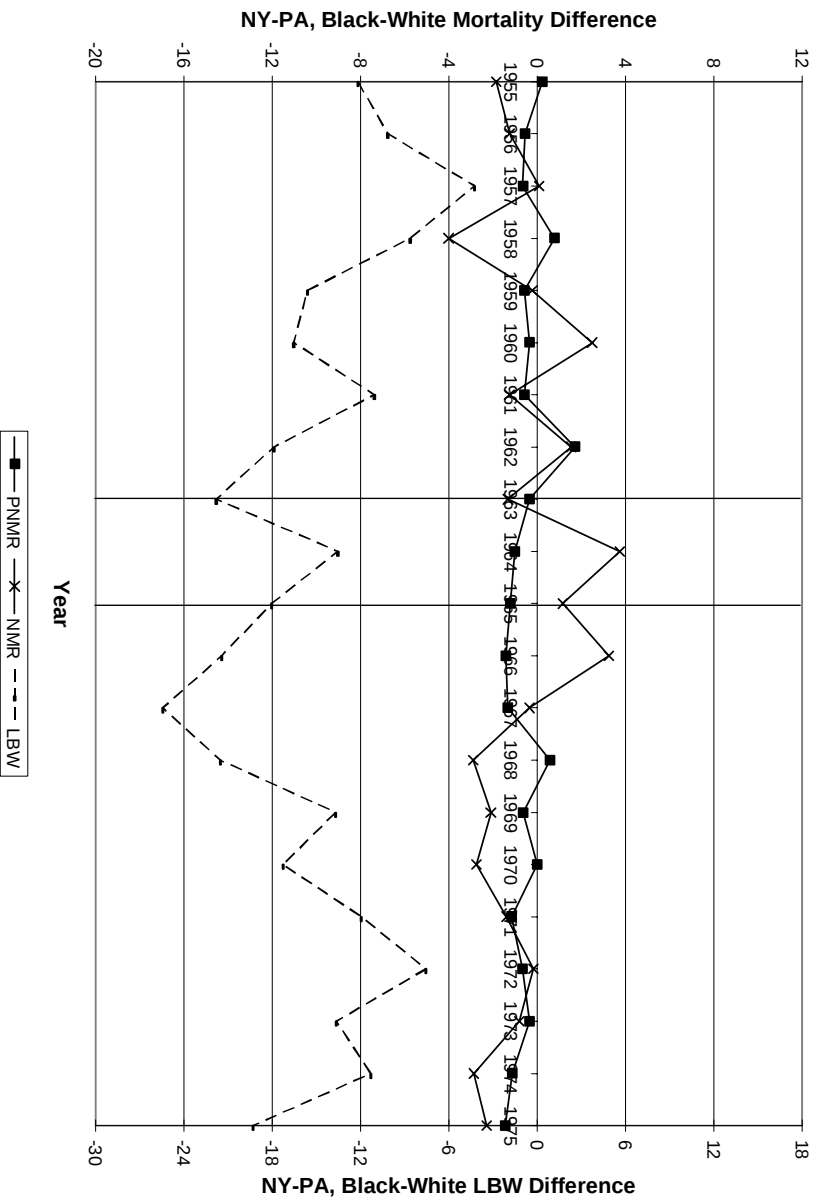


Figure 10: Comparisons of New York and Pennsylvania

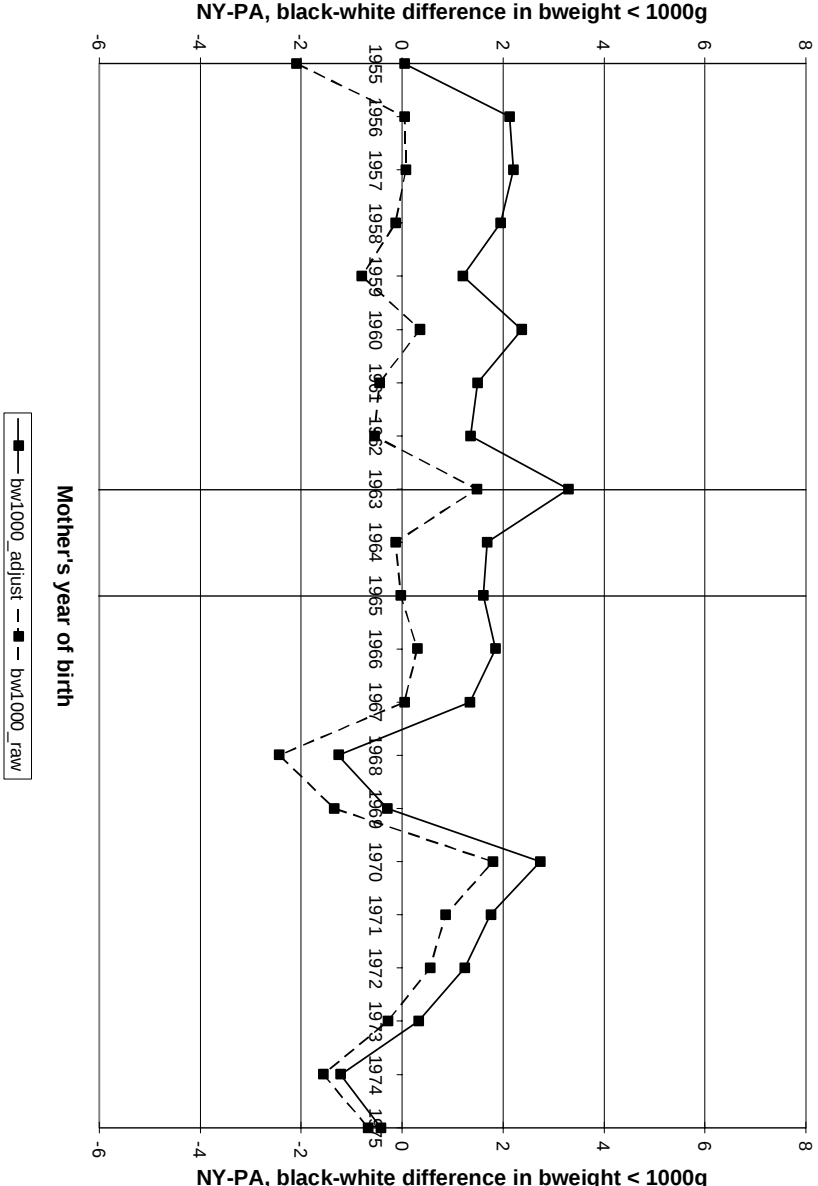
A. Black-White differences in infant mortality rates in New York and Pennsylvania



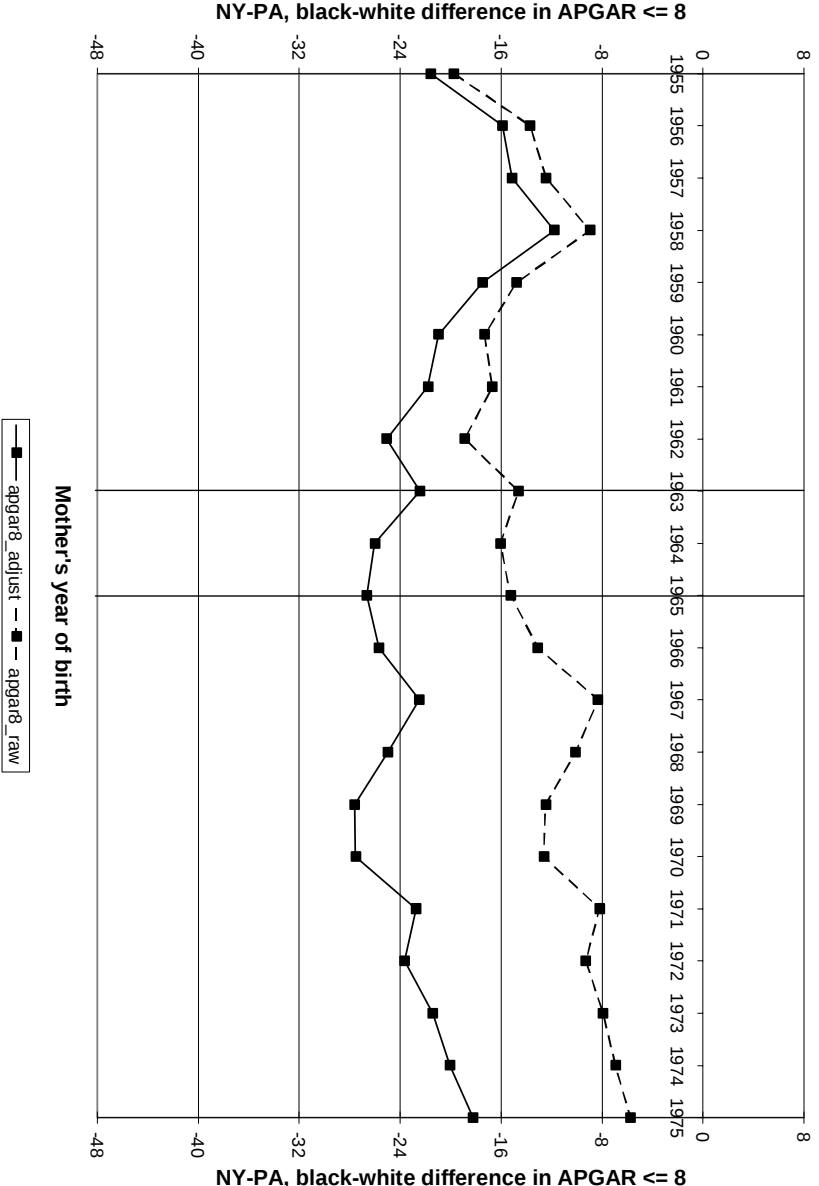
B. New York-Pennsylvania, black-white difference in infant mortality and low birth weight incidence



C. Raw and regression-adjusted, New York-Pennsylvania, black-white difference in birth weight below 1000 grams



D. Raw and regression-adjusted, New York-Pennsylvania, black-white difference in APGAR of 8 or below



VOL. 91 NO. 2

HUMAN CAPITAL: GROWTH

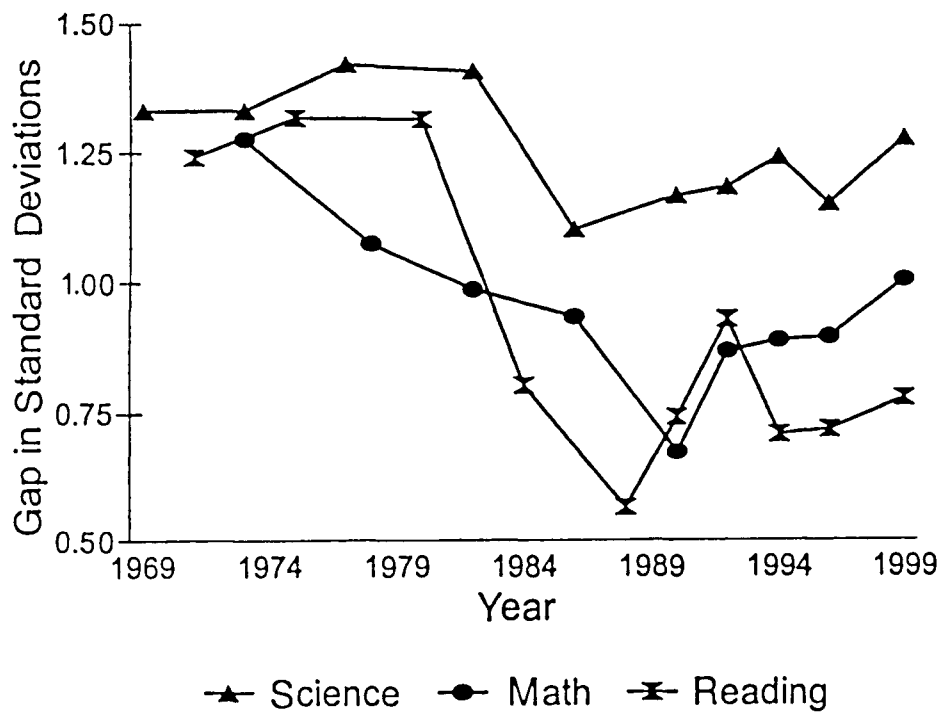


FIGURE 1. WHITE-BLACK SCORE DIFFERENCES ON THE
NATIONAL ASSESSMENT OF EDUCATIONAL PROGRESS
FOR 17-YEAR-OLDS, BY TEST YEAR

White and Black Academic Performance

731

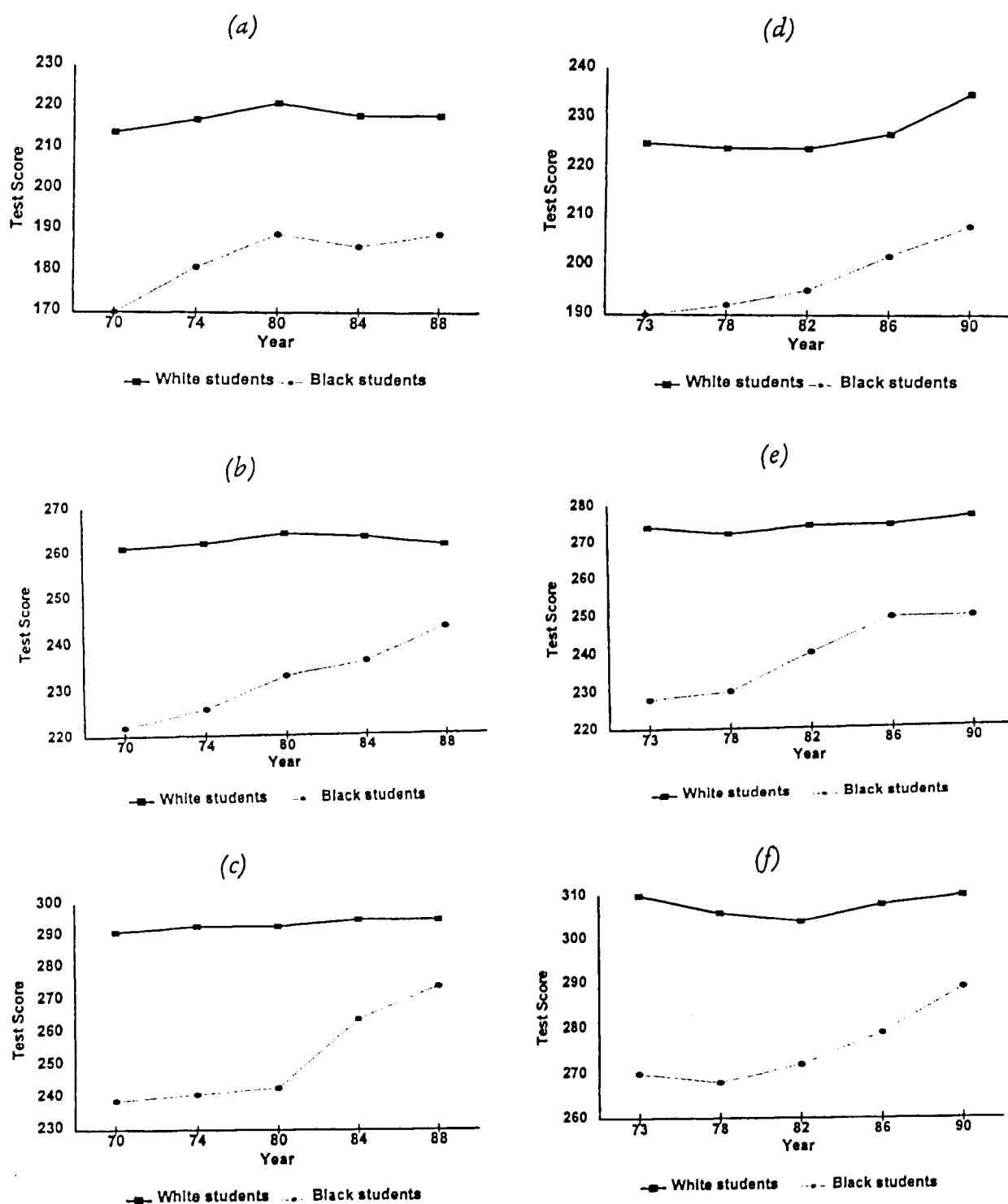
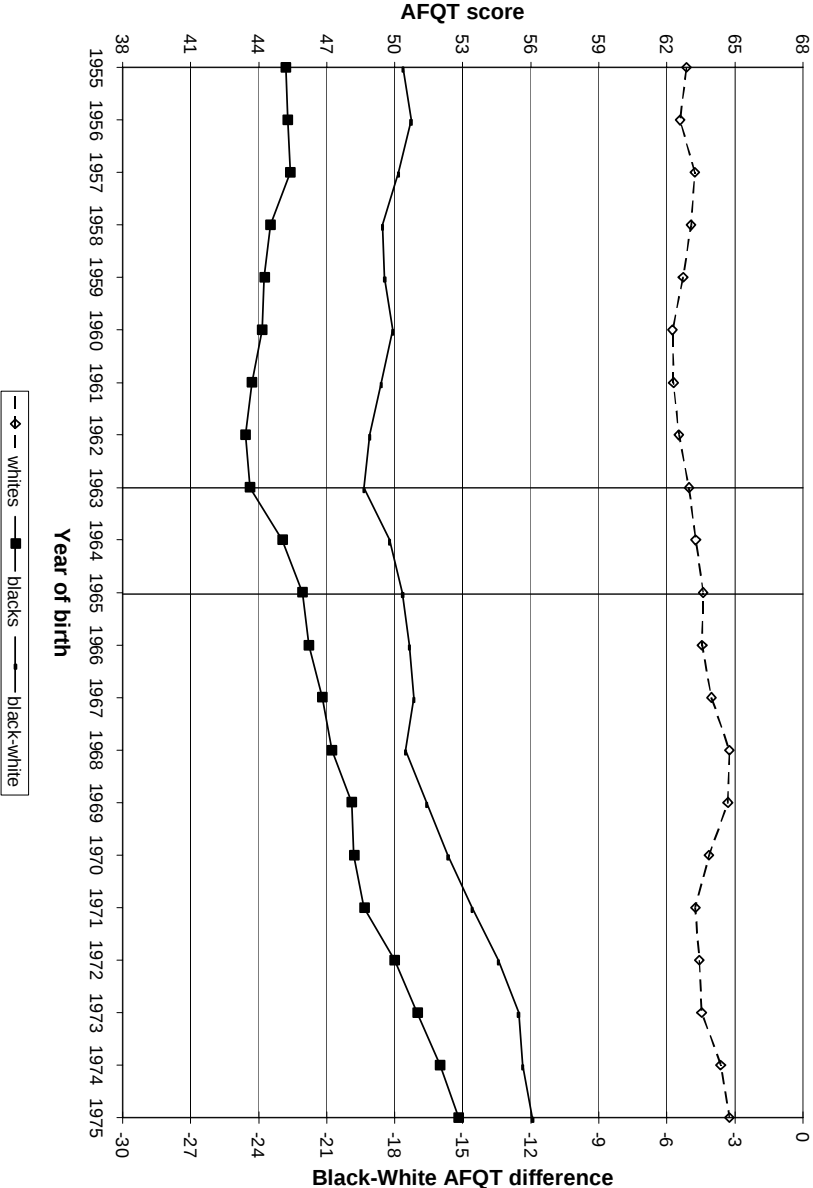


FIG. 1.—National Assessment of Educational Performance (NAEP) reading scores: (a) 9-year-olds, (b) 13-year-olds, (c) 17-year-olds; NAEP math scores: (d) 9-year-olds, (e) 13-year-olds, (f) 17-year-olds.

Appendix Figure 3: AFQT Scores for all active duty military personnel in 1993, by year of birth

A. Entire United States



B. By Region – Southeast and Northeast

