Appendix 1. Sociodemographic Characteristics of Delivering Women with Race and Ethnicity Designated as Missing or Other,

United States 2012-2015 (N=309,721)*

	Missing (n=182,388)	Other (n=127,333)
	Weighted % (95% CI)	
Age (years, mean) [†]	28.3 (28.2-28.4)	28.6 (28.5-28.8)
Insurance Payer		
Medicaid	32.0 (30.8-33.2)	44.1 (42.4-45.7)
Commercial	62.3 (60.9-63.6)	48.9 (47.3-50.6)
Uninsured	5.8 (5.2-6.4)	7.0 (6.5-7.6)
Income		
Bottom quartile [‡]	18.3 (17.0-19.7)	25.9 (24.6-27.2)
Residence		
Rural	22.7 (21.0-24.5)	7.6 (6.9-8.3)
Hospital Region		
Northeast	4.8 (4.2-5.5)	27.9 (25.8-30.2)
Midwest	57.2 (53.7-60.6)	15.8 (14.3-17.5)
South	14.0 (12.1-16.2)	39.4 (37.1-41.7)
West	24.0 (21.0-27.3)	16.9 (15.6-18.2)
Mode of delivery		
Cesarean	28.9 (28.5-26.4)	33.3 (32.8-33.7)

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Page 1 of 11

Appendix 2. Disparities in Prevalence of Chronic Conditions by Race and Ethnicity per 10,000 Delivery Hospitalizations,

United States 2012-2015 (N=2,523,528)*

	Non-Hispanic White (n=1,417,559)	Non-Hispanic Bla	ack (n=385,031)		Hispanic (n=55	50,771)	
	Prevalence (95% CI)	Prevalence (95% CI)	Rate Ratio (95% CI)	Rate Difference (95% CI)	Prevalence (95% CI)	Rate Ratio (95% CI)	Rate Difference (95% CI)
Chronic conditions							
Any physical health condition	739.0 (728.4-749.5)	1262.4 (1237.1- 1287.7)	1.7 (1.7-1.7)†	623.4 (499.2- 547.7) [†]	583.5 (568.5- 598.5)	0.79 (0.77- 0.81)†	-155.5 (-171.9- -139.0)
Asthma	415.2 (407.0-423.3)	613.3 (595.2- 631.4)	1.5 (1.4-1.5)†	198.1 (181.2- 215.0)†	265.6 (254.9- 276.2)	0.64 (0.61- 0.67)†	-49.6 (-161.2- -138.0) [†]
Hypertension	209.3 (205.7-212.8)	521.7 (509.7- 533.7)	2.5 (2.4-2.6)†	312.5 (300.6- 324.4)†	174.7 (169.4- 180.0)	0.83 (0.80- 0.86) [†]	-34.5 (-40.7- -28.3)†
Diabetes	91.1 (88.9-93.3)	146.9 (141.9- 152.1)	1.6 (1.5-1.7)†	55.9 (50.5-61.2)†	122.7 (118.6- 126.8)	1.3 (1.3-1.4)†	31.6 (27.2- 36.0)†
Heart disease	36.4 (35.2-37.6)	29.2 (27.2-31.3)	0.80 (0.75- 0.87)†	-7.1 (-9.44.8)†	18.1 (16.7- 19.5)	0.50 (0.46- 0.54)†	-18.3 (-20.2- -16.5)†
Kidney disease	28.2 (27.2-29.2)	33.3 (31.2-35.5)	1.2 (1.1-1.3)†	5.2 (2.8-7.5)†	27.6 (26.0- 29.3)	0.98 (0.92-	-0.55 (-2.4-1.3)
Systemic Lupus Erythematous	11.4 (10.8-12.0)	22.4 (20.6-24.1)	2.0 (1.8-2.2)†	11.0 (9.1-12.8)†	11.9 (10.8- 13.0)	1.0 (0.93- 1.2)	0.46 (-0.80-1.7)
HIV/AIDS	4.1 (3.7-4.5)	29.4 (27.1-31.7)	7.1 (6.4-8.0)†	25.3 (23.0-27.6)†	4.3 (3.7-5.0)	1.1 (0.33- 1.3)	0.23 (-0.56-1.0)
Pulmonary hypertension	1.6 (1.4-1.8)	3.8 (3.1-4.5)	2.4 (1.9-3.0)†	2.2 (1.5-3.0)†	1.9 (1.5-2.2)	1.2 (0.89- 1.5)	0.25 (-0.21- 0.70)
Any behavioral health condition	1178.9 (1157.6-1200.2)	676.2 (657.5- 695.0)	0.57 (0.56- 0.59)†	-502.7 (-524.6- -480.8)†	274.6 (264.1- 285.2)	0.23 (0.22- 0.24) [†]	-904.3 (-926.7- -881.8) [†]
Depression	317.7 (311.1-324.3)	194.0 (185.4- 202.6)	0.61 (0.59- 0.64) [†]	-123.7 (-132.5- -114.8) [†]	130.4 (124.7- 136.1)	0.41 (0.39- 0.43) [†]	-187.3 (-194.9- -179.7) [†]
Any substance use disorder	938.8 (919.3-958.2)	519.3 (504.2- 534.5)	0.55 (0.54- 0.57)†	-419.4 (-438.3- -400.6) [†]	166.5 (158.6- 174.3)	0.18 (0.17- 0.19) [†]	-772.3 (-792.1- -752.4) [†]
Multiple (≥2) chronic conditions	257.3 (250.8-263.8)	280.2 (270.1- 290.3)	1.1 (1.1-1.1)†	22.9 (12.7-33.1) [†]	89.0 (84.9- 93.1)	0.35 (0.33- 0.36) [†]	-168.3 (-175.6- -160.9) [†]

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*All data are survey-weighted unless otherwise noted and represented as rate per 10,000 delivery hospitalizations (95% Confidence Interval). Rate ratios and rate differences for each racial/ethnic minority category are as compared to incidence among the non-Hispanic white category. Adjusted for age, income, payer, rural vs. urban residence, and hospital region. N/A: Unable to report per HCUP guidelines, \leq 10 unweighted cases per cell. $^+P \leq$ 0.001; $^+P \leq$ 0.01

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Appendix 2 (cont). Disparities in Prevalence of Chronic Conditions by Race and Ethnicity per 10,000 Delivery Hospitalizations,

United States 2012-2015 (N=2,523,528)*

	Non-Hispanic White (n=1,417,559)	Asian/Pacific Isla	nder (n=149,720)		American Indian/	Alaska Nativ	e (n=20,447)
	Prevalence (95% CI)	Prevalence (95% CI)	Rate Ratio (95% CI)	Rate Difference (95% CI)	Prevalence (95% Cl)	Rate Ratio (95% CI)	Rate Difference (95% CI)
Chronic conditions							
Any physical health condition	739.0 (728.4-749.5)	455.4 (430.7- 480.1)	0.61 (0.58- 0.65)†	-283.6 (308.5- -258.6)†	887.0 (828.7- 945.3)	1.2 (1.1- 1.3) [†]	148.0 (90.3- 205.7)†
Asthma	415.2 (407.0-423.3)	213.1 (197.2- 228.9)	0.51 (0.48- 0.55) [†]	-202.1 (-218.3- -185.9)†	423.6 (386.4- 460.8)	1.0 (0.94-	8.4 (-28.3-45.1)
Hypertension	209.3 (205.7-212.8)	133.7 (123.6- 143.9)	0.64 (0.59- 0.69)†	-75.5 (-85.9- -65.1) [†]	267.3 (238.0- 296.7)	1.3 (1.1- 1.4) [†]	58.1 (28.7-87.5)†
Diabetes	91.1 (88.9-93.3)	90.9 (85.0-96.7)	1.0 (0.93-1.1)	-0.23 (-6.2-5.7)	204.8 (180.3- 229.2)	2.2 (2.0- 2.5) [†]	113.7 (89.3-8.1)†
Heart disease	36.4 (35.2-37.6)	20.8 (18.4-23.2)	0.57 (0.51- 0.64)†	-15.5 (-18.2 12.9)†	34.0 (24.8-43.1)	0.93 (0.71-1.2)	-2.4 (-11.6-6.8)
Kidney disease	28.2 (27.2-29.2)	24.6 (22.0-27.3)	0.87 (0.78- 0.97)‡	-3.5 (-6.30.8)	42.8 (33.1-52.6)	1.5 (1.2- 1.9) [†]	14.7 (4.9-24.5)‡
Systemic Lupus Erythematous	11.4 (10.8-12.0)	11.7 (10.0-13.4)	1.0 (0.88-1.2)	0.28 (-1.5-2.1)	22.6 (15.1-30.1)	2.0 (1.4- 2.8) [†]	11.2 (3.7-18.7)‡
HIV/AIDS	4.1 (3.7-4.5)	2.6 (1.7-3.5)	0.63 (0.44- 0.90)‡	-1.5 (-2.50.5)‡	N/A	N/Á	N/A
Pulmonary hypertension	1.6 (1.4-1.8)	1.4 (0.9-2.0)	1.4 (0.93-2.0)	0.58 (-0.22-1.4)	N/A	N/A	N/A
Any behavioral health condition	1178.9 (1157.6- 1200.2)	231.1 (210.4- 251.8)	0.20 (0.18- 0.21) [†]	- 947.8 (-975.3- -920.4)†	0.85 (0.78-0.93)	0.85 (0.78- 0.93) [†]	-171.7 (-261.8- -81.6)†

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Depression	317.7 (311.1-324.3)	70.0 (64.2-75.7)	0.22 (0.20- 0.24)†	-247.7 (-255.5- -239.9) [†]	236.7 (207.9- 265.5)	0.75 (0.66- 0.84) [†]	-81.0 (-109.9- -52.0)†
Any substance use disorder	938.8 (919.3-958.2)	161.3 (140.4- 182.2)	0.17 (0.15- 0.20)†	-777.4 (-804.3- -750.6) [†]	823.2 (740.3- 906.1)	0.88 (0.79- 0.97) [‡]	-115.5 (-197.6- -33.4) [‡]
Multiple (≥2) chronic conditions	257.3 (250.8-263.8)	73.5 (65.1-81.8)	0.29 (0.25- 0.32) [†]	-138.9 (-193.8- -173.9) [†]	273.1 (242.8- 303.4)	1.1 (0.95- 1.2)	15.8 (14.2-45.8)

*All data are survey-weighted unless otherwise noted and represented as rate per 10,000 delivery hospitalizations (95% Confidence Interval). Rate ratios and rate differences for each racial/ethnic minority category are as compared to incidence among the non-Hispanic white category. Adjusted for age, income, payer, rural vs. urban residence, and hospital region. N/A: Unable to report per HCUP guidelines, \leq 10 unweighted cases per cell. $^{+}P \leq$ 0.001; $^{+}P \leq$ 0.01

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Appendix 3. Incidence of Severe Maternal Morbidity With and Without Blood Transfusion per 10,000 Delivery Hospitalizations

by Race/Ethnicity, United States 2012-2015 (N=2,523,528)^{*}

	Non-Hispanic	White (n=1,41)	7,559)	Non-Hispanic Black (n=385,031)					Hispanic (n=550,771)				
	Unweighted No.	Unadjusted Incidence (95% CI)	Adjusted Incidence (95% CI)	Unweighted No.	Unadjusted Incidence (95% CI)	Adjusted Incidence (95% CI)	Rate Ratio (95% CI)	Rate Difference (95% CI)	Unweighted No.	Unadjusted incidence (95% CI)	Adjusted Incidence (95% CI)	Rate Ratio (95% CI)	Rate Difference (95% CI)
Severe Maternal Morbidity	18,878	136.3 (133.7- 139.0)	139.2 (136.4- 142.0)	9,483	244.5 (236.5- 252.4)	231.1 (223.6- 238.5)	1.7 (1.6- 1.7) [†]	91.9 (84.6- 99.2) [†]	9,687	175.3 (170.1- 180.5)	170.2 (165.1- 175.2)	1.2 (1.2- 1.3) [†]	31.0 (25.6- 36.4) [†]
Severe Maternal Morbidity without Blood Transfusion	5,770	41.1 (39.8- 42.5)	40.9 (39.6- 42.3)	1,880	48.9 (46.4- 51.4)	50.2 (47.6- 52.9)	1.2 (1.2- 1.3) [†]	9.3 (6.5- 12.2) [†]	2,034	37.0 (35.1- 39.0)	37.8 (35.6- 39.5)	0.92 (0.87- 0.97) [‡]	-3.3 (-5.6- -1.0) [‡]

*All data are survey-weighted and represented as rate per 10,000 delivery hospitalizations (95% Confidence Interval). Rate ratios and rate differences for each racial/ethnic minority category are as compared to incidence among the non-Hispanic white category and are based on the adjusted estimates (age, income, payer, rural vs. urban residence, and hospital region).

[†]*P* <u><</u>0.001

[‡]*P* <u><</u>0.01

Admon et al. Racial and ethnic disparities in severe maternal morbidity, United States 2012-2015. Obstet Gynecol 2018; 132.

The authors provided this information as a supplement to their article.

Appendix 3 (cont). Incidence of Severe Maternal Morbidity With and Without Blood Transfusion per 10,000 Delivery

Hospitalizations by Race/Ethnicity, United States 2012-2015 (N=2,523,528)*

	Non-Hispanic	White (n=1,41	7,559)	Asian/Pacific	c Islander (n=	149,720)			American Indian/ Alaska Native (n=20,447)				
	Unweighted No.	Unadjusted Incidence (95% CI)	Adjusted Incidence (95% CI)	Unweighted No.	Unadjusted Incidence (95% CI)	Adjusted Incidence (95% CI)	Rate Ratio (95% CI)	Rate Difference (95% CI)	Unweighted No.	Unadjusted incidence (95% CI)	Adjusted Incidence (95% CI)	Rate Ratio (95% CI)	Rate Difference (95% CI)
Severe Maternal Morbidity	18,878	136.3 (133.7- 139.0)	139.2 (136.4- 142.0)	2,375	157.8 (149.2- 166.4)	162.2 (153.7- 170.8)	1.2 (1.1- 1.2) [†]	23.1 (14.7- 31.4) [†]	450	213.6 (187.6- 239.6)	206.0 (181.2- 230.8)	1.5 (1.3- 1.7) [†]	66.8 (42.1- 91.6) [†]
Severe Maternal Morbidity without Blood Transfusion	5,770	41.1 (39.8- 42.5)	40.9 (39.6- 42.3)	547	36.5 (32.9- 40.0)	34.6 (31.2- 38.0)	0.85 (0.77- 0.94) [‡]	-6.3 (-9.8- -2.7)†	80	37.2 (27.1- 47.3)	36.7 (26.7- 46.6)	0.90 (0.68- 1.2)	-4.2 (-14.3- 5.7)

*All data are survey-weighted and represented as rate per 10,000 delivery hospitalizations (95% Confidence Interval). Rate ratios and rate differences for each racial/ethnic minority category are as compared to incidence among the non-Hispanic white category and are based on the adjusted estimates (age, income, payer, rural vs. urban residence, and hospital region).

†*P* <u><</u>0.001

[‡]P <u><</u>0.01

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Appendix 4. Disparities in Incidence of Severe Maternal Morbidities per 10,000 Delivery Hospitalizations by Race and Ethnicity, United States 2012-2015 (N=2,523,528)^{*}

	Non-Hispanic White (n=1,417,559)	Non-Hispanic Bla	ack (n=385,031)		Hispanic (n=550,771)					
	Incidence (95% CI)	Incidence (95% CI)	Rate Ratio (95% Cl	Rate Difference (95% CI)	Incidence (95% CI)	Rate Ratio (95% Cl	Rate Difference (95% CI)			
10 Most Frequent Severe Morbidities:										
Blood transfusion	98.1 (95.7-100.6)	179.7 (172.9- 186.4)	1.8 (1.8-1.9)†	81.5 (75.0-88.1)†	132.2 (127.6- 136.8)	1.3 (1.3-1.4)†	34.1 (29.2-38.9)†			
Disseminated intravascular coagulation	22.8 (21.7-23.9)	25.4 (23.5-27.3)	1.1 (1.0-1.2)‡	2.6 (0.55-4.7) [‡]	21.6 (20.0-23.1)	0.95 (0.87-1.0)	-1.2 (-3.0-0.6)			
Heart failure/arrest during surgery or procedure	10.2 (9.6-10.7)	18.2 (16.6-19.8)	1.8 (1.6-2.0)†	8.0 (6.3-9.7)†	10.5 (9.6-11.5)	1.0 (0.93-1.2)	0.37 (-0.75-1.5)			
Hysterectomy	9.2 (8.7-9.7)	13.1 (11.8-14.4)	1.4 (1.3-1.6)†	3.9 (2.5-5.3)†	11.8 (10.7-12.8)	1.3 (1.2-1.4)†	2.6 (1.4-3.7)†			
Adult respiratory distress syndrome	5.3 (4.9-5.7)	10.5 (9.4-11.7)	2.0 (1.6-2.3)†	5.2 (3.9-6.4)†	5.7 (5.0-6.4)	1.1 (0.92-1.2)	0.37 (-0.45-1.2)			
Ventilation	4.3 (3.9-4.6)	10.5 (9.3-11.7)	2.5 (2.1-2.8)†	6.2 (5.0-7.5)†	4.9 (4.2-5.5)	1.1 (0.97-1.3)	0.58 (-0.18-1.4)			
Acute renal failure	3.8 (3.5-4.2)	9.8 (8.7-11.0)	2.6 (2.2-3.0)†	6.0 (4.8-7.2)†	3.9 (3.4-4.5)	1.0 (0.87-1.2)	0.11 (-0.6-0.8)			
Eclampsia	3.5 (3.2-3.8)	6.1 (5.3-6.9)	1.7 (1.5-2.0)†	2.6 (1.7-3.4)†	3.8 (3.2-4.3)	1.1 (0.91-1.3)	0.29 (-0.3-0.9)			
Shock	3.6 (3.3-3.9)	5.4 (4.6-6.2)	1.5 (1.2-1.8)†	1.7 (0.9-2.6)†	3.9 (3.3-4.5)	1.1 (0.91-1.3)	0.28 (-0.4-1.0)			
Sepsis	2.5 (2.2-2.8)	4.8 (4.0-5.5)	1.9 (1.6-2.3)†	2.3 (1.5-3.1)†	2.8 (2.3-3.2)	1.1 (0.91-1.4)	0.29 (-0.3-0.8)			

*All data are survey-weighted unless otherwise noted and represented as rate per 10,000 delivery hospitalizations (95% Confidence Interval). Rate ratios and rate differences for each racial/ethnic minority category are as compared to incidence among the non-Hispanic white category. Adjusted for age, income, payer, rural vs. urban residence, and hospital region. N/A: Unable to report per HCUP guidelines, \leq 10 unweighted cases per cell. $^{\dagger}P < 0.001$

[†]*P* <0.00 [‡]*P* <0.01

Admon et al. Racial and ethnic disparities in severe maternal morbidity, United States 2012-2015. Obstet Gynecol 2018; 132.

The authors provided this information as a supplement to their article.

Ethnicity, United States 2012-2015 (N=2,523,528)*

	Non-Hispanic White (n=1,417,559)	Asian/Pacific Isla	ander (n=149,720)		American Indian/ Alaska Native (n=20,447)					
	Incidence (95% CI)	Incidence (95% CI)	Rate Ratio (95% CI)	Rate Difference (95% CI)	Incidence (95% CI)	Rate Ratio (95% CI)	Rate Difference (95% CI)			
10 Most Frequent Severe Morbidities:										
Blood transfusion	98.1 (95.7- 100.6)	128.3 (120.5- 136.1)	1.3 (1.2-1.4)†	30.2 (22.7-37.7)†	168.9 (147.2- 190.7)	1.7 (1.5-2.0)†	70.8 (49.1- 92.5)†			
Disseminated intravascular coagulation	22.8 (21.7-23.9)	24.3 (21.7-26.9)	1.1 (0.95-1.2)	1.5 (-1.3-4.2)	16.5 (10.5-22.6)	0.73 (0.55-1.0)	-6.3 (-12.4- -0.1)			
Heart failure/arrest during surgery or procedure	10.2 (9.6-10.7)	10.0 (8.4-11.7)	0.99 (0.83-1.2)	0.12 (-1.9-1.6)	9.0 (4.7-13.2)	0.88 (0.55-1.4)	-1.2 (-5.5-3.1)			
Hysterectomy	9.2 (8.7-9.7)	12.5 (10.7-14.2)	1.4 (1.2-1.6)†	3.2 (1.5-5.0) [‡]	16.1 (9.2-22.9)	1.7(1.1-2.7)‡	6.9 (0.008- 13.8)			
Adult respiratory distress syndrome	5.3 (4.9-5.7)	7.5 (6.0-8.9)	1.4 (1.1-1.7) [‡]	2.1 (0.7-3.6) [‡]	9.8 (5.0-14.6)	1.8 (1.1-2.0)§	4.5 (-0.4-9.3)			
Ventilation	4.3 (3.9-4.6)	7.2 (5.8-8.6)	1.7 (1.4-2.1)†	2.9 (1.5-4.4)†	4.8 (1.6-7.9)	1.1 (0.57-2.2)	0.52 (-2.7-4.4)			
Acute renal failure	3.8 (3.5-4.2)	4.2 (3.1-5.2)	1.1 (0.83-1.4)	0.34 (-0.8-1.5)	8.0 (3.9-12.2)	2.2 (1.2-3.5) [‡]	4.2 (0.06-8.3)			
Eclampsia	3.5 (3.2-3.8)	3.1 (2.0-4.2)	0.88 (0.62-1.3)	-0.42 (-1.5-0.7)	N/A	N/A	N/A			
Shock	3.6 (3.3-3.9)	6.0 (4.8-7.2)	1.6 (1.3-2.1)†	2.4 (1.1-3.6)†	7.1 (3.1-11.2)	2.0 (1.1-3.5)	3.5 (-0.5-7.5)			
Sepsis	2.5 (2.2-2.8)	4.1 (2.8-5.3)	1.6 (1.2-2.2) [‡]	1.6 (0.3-2.8) [‡]	N/A	N/A	N/A			

*All data are survey-weighted unless otherwise noted and represented as rate per 10,000 delivery hospitalizations (95% Confidence Interval). Rate ratios and rate differences for each racial/ethnic minority category are as compared to incidence among the non-Hispanic white category. Adjusted for age, income, payer, rural vs. urban residence, and hospital region. N/A: Unable to report per HCUP guidelines, \leq 10 unweighted cases per cell. †*P* \leq 0.001

[‡]P <u><</u>0.01

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Appendix 5. Incidence of Severe Maternal Morbidity per 10,000 Delivery Hospitalizations by Comorbidity and Race/Ethnicity,

United States 2012-2015 (N=2,523,528)*

	Non-Hispani	ic White (n=1,	417,559)	Non-Hispani	c Black (n=38	35,031)			Hispanic (n=550,771)				
	Unweighted No.	Unadjusted Incidence (95% CI)	Adjusted Incidence (95% CI)	Unweighted No.	Unadjusted Incidence (95% CI)	Adjusted Incidence (95% CI)	Rate Ratio (95% CI)	Rate Difference (95% CI)	Unweighted No.	Unadjusted Incidence (95% CI)	Adjusted Incidence (95% CI)	Rate Ratio (95% CI)	Rate Difference (95% CI)
No chronic conditions	1,171,235	125.0 (122.4- 127.6)	128.4 (125.6- 131.2)	310,512	216.6 (209.3- 223.8)	206.3 (199.3- 213.3)	1.6 (1.5- 1.7) [†]	77.9 (70.9- 84.9) [†]	503,168	163.8 (158.8- 168.9)	160.6 (155.6- 165.5)	1.3 (1.2- 1.3) [†]	32.2 (26.8- 37.5) [†]
Any physical health condition	105,206	236.5 (227.1- 245.9)	234.0 (224.4- 243.4)	49,387	404.5 (381.9- 427.1)	364.4 (342.9- 385.9)	1.6 (1.5- 1.7) [†]	130.5 (107.5- 153.4) [†]	32,932	308.0 (288.1- 327.9)	283.2 (263.9- 302.5)	1.2 (1.1- 1.3) [†]	49.2 (28.0- 70.5) [†]
Any behavioral health condition	162,329	175.7 (168.9- 182.5)	176.3 (168.8- 183.4)	32,569	321.3 (299.8- 342.9)	307.2 (284.5- 329.8)	1.7 (1.6- 1.9) [†]	130.8 (108.1- 153.5) [†]	17,535	294.3 (268.0- 320.6)	282.3 (256.0- 308.5)	1.6 (1.4- 1.8) [†]	105.9 (78.9- 132.9) [†]
Multiple (≥2) chronic conditions	34,757	285.7 (268.3- 303.1)	275.9 (257.9- 294.0)	12,863	545.5 (500.3- 590.7)	492.8 (446.8- 538.8)	1.8 (1.6- 2.0) [†]	216.9 (169.1- 264.5) [†]	5,784	471.5 (415.5- 527.6)	438.0 (383.4- 492.6)	1.6 (1.4- 1.8) [†]	162.1 (105.6- 218.5) [†]

*All data are survey-weighted and represented as rate per 10,000 delivery hospitalizations (95% Confidence Interval). Rate ratios and rate differences for each racial/ethnic minority category are as compared to incidence among the non-Hispanic white category and are based on the adjusted estimates (age, income, payer, rural vs. urban residence, and hospital region.)

[†]*P* <u><</u>0.001

‡P <u><</u>0.01

Admon LK, Winkelman TNA, Zivin K, Terlan M, Myhre JM, Dalton, VK, et al. et al. Racial and ethnic disparities in the incidence of severe maternal morbidity in the United States, 2012–2015. Obstet Gynecol 2018; 132.

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Appendix 5 (cont). Incidence of Severe Maternal Morbidity per 10,000 Delivery Hospitalizations by Comorbidity and

Race/Ethnicity, United States 2012-2015 (N=2,523,528)*

	Non-Hispani	c White (n=1,	417,559)	Asian/Pacifi	c Islander (n=	:149,720)			American Indian/ Alaska Native (n=20,447)				
	Unweighted No.	Unadjusted Incidence (95% CI)	Adjusted Incidence (95% CI)	Unweighted No.	Unadjusted Incidence (95% CI)	Adjusted Incidence (95% CI)	Rate Ratio (95% CI)	Rate Difference (95% CI)	Unweighted No.	Unadjusted incidence (95% CI)	Adjusted Incidence (95% CI)	Rate Ratio (95% CI)	Rate Difference (95% CI)
No chronic conditions	1,171,235	125.0 (122.4- 127.6)	128.4 (125.6- 131.2)	140,304	145.8 (137.4- 154.2)	151.5 (143.0- 160.1)	1.1 (1.1- 1.2) [†]	23.1 (14.7- 31.5) [†]	16,417	200.0 (171.9- 227.4)	195.0 (168.3- 221.7)	1.5 (1.3- 1.7) [†]	66.6 (39.9- 93.3) [†]
Any physical health condition	105,206	236.5 (227.1- 245.9)	234.0 (224.4- 243.4)	7,219	358.6 (314.6- 402.6)	357.6 (312.7- 402.4)	1.5 (1.3- 1.7) [†]	123.6 (78.0- 169.1) [†]	1,800	333.9 (246.8- 421.1)	303.0 (223.8- 382.2)	1.3 (1.0- 1.7)	69.0 (10.5- 148.6)
Any behavioral health conditions	162,329	175.7 (168.9- 182.5)	176.3 (168.8- 183.4)	2,591	281.9 (212.0- 351.8)	271.6 (204.2- 339.0)	1.5 (1.2- 2.)†	95.3 (27.5- 163.1) [‡]	2,601	224.3 (161.8- 286.8)	211.6 (152.3- 270.9)	1.2 (0.90- 1.6)	35.3 (-24.3- 94.9)
Multiple (≥2) chronic conditions	34,757	285.7 (268.3- 303.1)	275.9 (257.9- 294.0)	992	541.4 (403.0- 679.7)	507.3 (374.0- 640.0)	1.8 (1.4- 2.4) [†]	231.4 (96.8- 366.0) [†]	644	408.5 (254.8- 562.2)	377.2 (235.4- 519.0)	1.4 (0.93- 2.0)	101.3 (-41.0- 243.5)

*All data are survey-weighted and represented as rate per 10,000 delivery hospitalizations (95% Confidence Interval). Rate ratios and rate differences for each racial/ethnic minority category are as compared to incidence among the non-Hispanic white category and are based on the adjusted estimates (age, income, payer, rural vs. urban residence, and hospital region).

†P <u><</u>0.001

‡P <u><</u>0.01

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