## Racial and Ethnic Disparities in Incidence of SARS-CoV-2 Infection, 22 US States and DC, January 1–October 1, 2020

## **Appendix**

**Appendix Table 1.** Cumulative incidence of severe acute respiratory syndrome coronavirus 2 infection and cumulative incidence ratio (CIR) by race/ethnicity and age group, 22 US states and District of Columbia, January 1–October 1, 2020

ratio (CIR) by race/ethnicity and age group, 22 US states and District of Columbia, January 1–October 1, 2020					
	Cumulative incidence Cumulative incidence				
Race/ethnicity†	(95% CI)‡§	CIR (95% CI)§	(95% CI)‡§	CIR (95% CI)§	
Age, y	<u>&lt;</u> 19 65−74			4	
Non-Hispanic NHOPI	1,587 (1,498–1,676)	3.78 (3.57-4.00)	1,843 (1,645–2,040)	2.51 (2.25–2.79)	
Non-Hispanic AIAN	1,161 (1,118–1,203)	2.76 (2.66-2.87)	1,936 (1,829–2,043)	2.63 (2.49-2.78)	
Non-Hispanic Black	727 (718–736)	1.73 (1.70–1.76)	2,088 (2,057–2,119)	2.84 (2.79-2.89)	
Non-Hispanic White	420 (417–423)	Ref	735 (730–741)	Ref	
Non-Hispanic Asian	398 (385–411)	0.95 (0.92-0.98)	748 (717–779)	1.02 (0.97-1.06)	
Non-Hispanic Multiple	226 (217-234)	0.54 (0.52-0.56)	1,962 (1,871–2,053)	2.67 (2.55-2.80)	
Hispanic/Latino	1,243 (1,233–1,254)	2.96 (2.93-2.99)	2,432 (2,395–2,469)	3.31 (3.25–3.36)	
Age, y	20–34	4	75–8	4	
Non-Hispanic NHOPI	3,522 (3,378-3,666)	2.87 (2.75-2.99)	1,327 (1,072–1,582)	1.45 (1.19–1.75)	
Non-Hispanic AIAN	2,601 (2,529–2,673)	2.12 (2.06–2.18)	2,136 (1,963–2,310)	2.33 (2.14–2.52)	
Non-Hispanic Black	2,302 (2,284-2,320)	1.88 (1.86–1.89)	2,281 (2,231–2,330)	2.48 (2.43-2.54)	
Non-Hispanic White	1,228 (1,222–1,234)	Ref	918 (909–927)	Ref	
Non-Hispanic Asian	1,037 (1,017–1,057)	0.84 (0.83-0.86)	681 (638–724)	0.74 (0.70-0.79)	
Non-Hispanic Multiple	1,078 (1,050–1,105)	0.88 (0.86–0.90)	3,638 (3,450–3,827)	3.96 (3.76–4.18)	
Hispanic/Latino	3,551 (3,530–3,573)	2.89 (2.87–2.92)	2,179 (2,130–2,228)	2.37 (2.32–2.43)	
Age, y	Age, y 35–44		>85		
Non-Hispanic NHOPI	3,473 (3,290-3,656)	3.53 (3.35-3.72)	1,430 (992–1,867)	0.86 (0.63-1.17)	
Non-Hispanic AIAN	3,112 (3,005–3,219)	3.16 (3.06–3.28)	2,705 (2,358–3,051)	1.63 (1.43–1.85)	
Non-Hispanic Black	2,574 (2,548–2,600)	2.62 (2.59–2.65)	2,929 (2,838–3,019)	1.76 (1.71–1.82)	
Non-Hispanic White	983 (977–990)	Ref	1,661 (1,643–1,679)	Ref	
Non-Hispanic Asian	933 (909–958)	0.95 (0.92-0.97)	879 (805–952)	0.53 (0.49-0.58)	
Non-Hispanic Multiple	1,277 (1,230–1,325)	1.30 (1.25–1.35)	10,443 (9,904–10,982)	6.29 (5.96–6.63)	
Hispanic/Latino .	3,763 (3,735–3,790)	3.83 (3.79–3.86)	2,722 (2,634–2,809)	1.64 (1.58–1.69)	
Age, y					
Non-Hispanic NHOPI	3,213 (3,013-3,413)	3.16 (2.97-3.37)	2,693 (2,631-2,755)	2.88 (2.81-2.95)	
Non-Hispanic AIAN	2,798 (2,694–2,902)	2.75 (2.65–2.86)	2,274 (2,242–2,306)	2.43 (2.40–2.47)	
Non-Hispanic Black	2,528 (2,501–2,555)	2.49 (2.46–2.52)	1,974 (1,965–1,982)	2.11 (2.10–2.12)	
Non-Hispanic White	1,016 (1,009–1,023)	Ref	935 (933–938)	Ref	
Non-Hispanic Asian	1,045 (1,017–1,073)	1.03 (1.00-1.06)	874 (865–884)	0.93 (0.92-0.95)	
Non-Hispanic Multiple	1,630 (1,569–1,692)	1.60 (1.54–1.67)	957 (944–969)	1.02 (1.01–1.04)	
Hispanic/Latino	3,846 (3,815–3,876)	3.79 (3.75–3.82)	2,860 (2,850–2,869)	3.06 (3.05–3.07)	
Age, y 55–64					
Non-Hispanic NHOPI	2,083 (1,911-2,256)	2.42 (2.23-2.63)			
Non-Hispanic AIAN	2,380 (2,286–2,474)	2.77 (2.66–2.88)			
Non-Hispanic Black	2,309 (2,283–2,335)	2.68 (2.65–2.72)			
Non-Hispanic White	861 (855–866)	`Ref			
Non-Hispanic Asian	987 (957–1,018)	1.15 (1.11–1.18)			
Non-Hispanic Multiple	1,846 (1,776–1,917)	2.14 (2.06–2.23)			
Hispanic/Latino .	3,267 (3,234–3,300)	3.80 (3.75–3.84)			
*Data from District of Column	hip and 22 LIC states: Alaska	Arkonaga Florida Hayraii I	owa Kanaga Magagahugatta Main	o Michigan Minnocoto	

<sup>\*</sup>Data from District of Columbia and 22 US states: Alaska, Arkansas, Florida, Hawaii, Iowa, Kansas, Massachusetts, Maine, Michigan, Minnesota, Mississippi, Montana, Nebraska, New Hampshire, New Mexico, Nevada, Ohio, Oregon, Tennessee, Utah, Vermont, and Wisconsin. Data from Data Collation and Integration for Public Health Event Responses platform (https://data.cdc.gov/browse?tags=covid-19). AIAN, American Indian or Alaska Native; CIR, cumulative incidence ratio; NHOPI, Native Hawaiian or other Pacific Islander.

<sup>†</sup>The study participants comprised 7,266 non-Hispanic NHOPI; 19,259 non-Hispanic AlAN; 225,477 non-Hispanic Black; 657,437 non-Hispanic White; 33,703 non-Hispanic Asian; 22,650 non-Hispanic Multiple; and 375,418 Hispanic/Latino persons.

<sup>‡</sup>Cases per 100,000 persons. Population denominators from 2019 US Census (Annual County Resident Population Estimates by Age, Sex, Race, and Hispanic Origin, https://www.census.gov/programs-surveys/popest/technical-documentation/file-layouts.html). §Calculated using a normal approximation.

Appendix Table 2. Cumulative incidence ratio (CIR) of severe acute respiratory syndrome coronavirus 2 among men compared with women by age group and reco/etholoity 23 LIS states and District of Columbia. January 1. October 1, 2020

Race/ethnicity	with women by age group and race/ethnicity, 22 US states and District of Columbia, January 1–October 1, 2020					
Non-Hispanic Asian   1.02 (0.795-1.09)   1.20 (1.10-1.30)   Non-Hispanic NHOPI   1.00 (0.89-1.12)   0.95 (0.77-1.18)   Non-Hispanic Black   0.95 (0.93-0.98)   1.21 (1.17-1.24)   Non-Hispanic Black   0.95 (0.93-0.98)   1.21 (1.17-1.24)   Non-Hispanic Multiple   0.92 (0.85-0.99)   1.21 (1.10-1.32)   Non-Hispanic Multiple   0.92 (0.85-0.99)   1.21 (1.10-1.32)   Non-Hispanic Multiple   0.94 (0.92-0.96)   1.23 (1.19-1.26)   Non-Hispanic Multiple   0.94 (0.92-0.96)   1.23 (1.19-1.26)   Non-Hispanic NHOPI   0.87 (0.80-0.94)   1.10 (0.75-1.61)   Non-Hispanic NHOPI   0.87 (0.80-0.94)   1.10 (0.75-1.61)   Non-Hispanic NHOPI   0.87 (0.80-0.94)   1.10 (0.75-1.61)   Non-Hispanic Multiple   0.82 (0.78-0.87)   1.23 (1.17-1.28)   Non-Hispanic Multiple   0.82 (0.78-0.87)   0.93 (0.84-1.04)   Non-Hispanic Multiple   0.82 (0.78-0.87)   0.93 (0.84-1.04)   Non-Hispanic Multiple   0.82 (0.78-0.87)   1.06 (1.04-1.08)   Non-Hispanic Multiple   0.82 (0.78-0.87)   1.06 (1.04-1.08)   Non-Hispanic Multiple   0.83 (0.75-0.92)   1.19 (1.14-1.25)   Non-Hispanic Multiple   0.83 (0.75-0.92)   1.10 (1.07-1.22)   Non-Hispanic Alan   0.99 (0.89-0.91)   1.19 (1.14-1.25)   Non-Hispanic Alan   0.99 (0.84-0.97)   1.01 (0.78-1.31)   Non-Hispanic Alan   0.99 (0.84-0.97)   1.01 (0.78-1.32)   Non-Hispanic Multiple   0.93 (0.86-1.09)   0.84 (0.72-0.92)   0.83 (0.81-0.85)   Non-Hispanic Alan   0.99 (0.84-0.97)   1.01 (0.78-1.32)   Non-Hispanic Alan   0.99 (0.84-0.97)   1.01 (0.78-1.32)   Non-Hispanic Multiple   0.93 (0.86-1.09)   0.96 (0.89-0.97)   0.90 (0.89-0.98)   0	Race/ethnicity	CIR (95% CI)†	CIR (95% CI)†			
Non-Hispanic NHOPI Non-Hispanic Black Non-Hispanic Black Non-Hispanic Miltiple Non-Hispanic Miltiple Non-Hispanic Miltiple Non-Hispanic White Non-Hispanic Asian Non-Hispanic Asian Non-Hispanic Asian Non-Hispanic NHOPI Non-Hispanic Black Non-Hispanic Black Non-Hispanic Miltiple Non-Hispanic White Non-Hispanic Non-Hispanic White Non-Hispanic White Non-Hispanic White Non-Hispanic Non-Hispanic Non-Hispanic Non-Hispanic White Non-Hispanic Non-Hispanic White Non-Hispanic Non-Hispanic White Non-Hispanic Non-Hispanic White Non-Hispanic Non-Hispanic Non-Hispanic White Non-Hispanic Non-Hispanic White Non-Hispanic Non-Hispanic Non-Hispanic White Non-Hispanic White Non-Hispanic White Non-Hispanic White Non-Hispanic White Non-Hispanic Non-Non-Non-Non-Non-Non-Non-Non-Non-Non-	Age, y	<u>&lt;</u> 19	65–74			
Non-Hispanic Black Non-Hispanic Multiple Non-Hispanic Asian Non-Hispanic Asian Non-Hispanic NHOPI Non-Hispanic NHOPI Non-Hispanic Multiple Non-Hispanic NhOPI Non-Hi	Non-Hispanic Asian	1.02 (0.95–1.09)	1.20 (1.10–1.30)			
Non-Hispanic Multiple         0.92 (0.85–0.99)         1.21 (1.10–1.32)           Non-Hispanic White         0.88 (0.87–0.90)         1.11 (1.09–1.12)           Hispanic/Latino         0.94 (0.92–0.96)         1.23 (1.19–1.26)           Age, y         20–34         75–84           Non-Hispanic Asian         1.01 (0.97–1.05)         1.22 (1.08–1.39)           Non-Hispanic Black         0.76 (0.75–0.78)         1.23 (1.17–1.28)           Non-Hispanic Black         0.76 (0.75–0.78)         1.23 (1.17–1.28)           Non-Hispanic Multiple         0.84 (0.79–0.88)         0.84 (0.72–1.00)           Non-Hispanic Multiple         0.82 (0.78–0.87)         0.93 (0.84–1.04)           Non-Hispanic White         0.86 (0.85–0.87)         1.06 (1.04–1.08)           Hispanic/Latino         0.90 (0.89–0.91)         1.19 (1.14–1.25)           Age, y         35–44         ≥85           Non-Hispanic Asian         1.09 (1.04–1.15)         1.10 (0.93–1.31)           Non-Hispanic Black         0.85 (0.83–0.86)         1.14 (1.07–1.22)           Non-Hispanic Black         0.85 (0.83–0.86)         1.14 (1.07–1.22)           Non-Hispanic Multiple         0.93 (0.84–0.97)         1.01 (0.78–1.32)           Non-Hispanic Multiple         0.93 (0.86–1.00)         0.64 (0.57–0.72)	Non-Hispanic NHOPI	1.00 (0.89–1.12)	0.95 (0.77-1.18)			
Non-Hispanic Multiple Non-Hispanic White Non-Hispanic White Non-Hispanic White Non-Hispanic White Non-Hispanic White Non-Hispanic Asian Non-Hispanic Asian Non-Hispanic Asian Non-Hispanic Multiple Non-Hispanic Multiple Non-Hispanic Multiple Non-Hispanic Multiple Non-Hispanic Multiple Non-Hispanic White Non-Hispanic NHOPI Non-Hispanic White Non-Hispanic White Non-Hispanic NHOPI Non-Hispanic White Non-Hispanic	Non-Hispanic Black	0.95 (0.93-0.98)	1.21 (1.17–1.24)			
Non-Hispanic White	Non-Hispanic AIAN	0.93 (0.86-1.00)	0.94 (0.84–1.05)			
Non-Hispanic White	Non-Hispanic Multiple	0.92 (0.85-0.99)	1.21 (1.10–1.32)			
Age, y         20–34         75–84           Non-Hispanic NHOPI         0.87 (0.80–0.94)         1.22 (1.08–1.39)           Non-Hispanic Black         0.76 (0.75–0.78)         1.23 (1.17–1.28)           Non-Hispanic Black         0.76 (0.75–0.78)         1.23 (1.17–1.28)           Non-Hispanic Multiple         0.84 (0.79–0.88)         0.84 (0.72–1.00)           Non-Hispanic White         0.82 (0.78–0.87)         0.93 (0.84–1.04)           Non-Hispanic White         0.86 (0.85–0.87)         1.06 (1.04–1.08)           Hispanic/Latino         0.90 (0.89–0.91)         1.19 (1.14–1.25)           Age, y         35–44         ≥85           Non-Hispanic Asian         1.09 (1.04–1.15)         1.10 (0.93–1.31)           Non-Hispanic NHOPI         0.83 (0.75–0.92)         1.30 (0.71–2.40)           Non-Hispanic Black         0.85 (0.83–0.86)         1.14 (107–1.22)           Non-Hispanic AlAN         0.90 (0.84–0.97)         1.01 (0.78–1.32)           Non-Hispanic Multiple         0.93 (0.86–1.00)         0.64 (0.57–0.72)           Non-Hispanic White         0.91 (0.90–0.93)         0.83 (0.81–0.85)           Hispanic/Latino         0.96 (0.94–0.97)         1.02 (0.95–1.09)           Age, y         45–54         Overall           Non-Hispanic Asian <td< td=""><td>Non-Hispanic White</td><td></td><td>1.11 (1.09–1.12)</td></td<>	Non-Hispanic White		1.11 (1.09–1.12)			
Non-Hispanic Asian   1.01 (0.97-1.05)   1.22 (1.08-1.39)   Non-Hispanic NHOPI   0.87 (0.80-0.94)   1.10 (0.75-1.61)   Non-Hispanic Black   0.76 (0.75-0.78)   1.23 (1.17-1.28)   Non-Hispanic AIAN   0.84 (0.79-0.88)   0.84 (0.72-1.00)   Non-Hispanic Multiple   0.82 (0.78-0.87)   0.93 (0.84-1.04)   Non-Hispanic Multiple   0.82 (0.78-0.87)   0.93 (0.84-1.04)   Non-Hispanic Multiple   0.86 (0.85-0.87)   1.06 (1.04-1.08)   Hispanic/Latino   0.90 (0.89-0.91)   1.19 (1.14-1.25)   Non-Hispanic Asian   1.09 (1.04-1.15)   1.10 (0.93-1.31)   Non-Hispanic ASian   1.09 (1.04-1.15)   1.10 (0.93-1.31)   Non-Hispanic Black   0.85 (0.83-0.86)   1.14 (1.07-1.22)   Non-Hispanic AIAN   0.90 (0.84-0.97)   1.01 (0.78-1.32)   Non-Hispanic Multiple   0.93 (0.86-1.00)   0.64 (0.57-0.72)   Non-Hispanic White   0.91 (0.90-0.93)   0.83 (0.81-0.85)   Hispanic/Latino   0.96 (0.94-0.97)   1.02 (0.95-1.09)   Age, y   45-54   Overall   Non-Hispanic Black   0.88 (0.86-0.90)   0.87 (0.87-0.96)   Non-Hispanic AIAN   0.99 (0.83-0.106)   0.92 (0.87-0.96)   Non-Hispanic AIAN   0.98 (0.91-1.06)   0.99 (0.88-0.93)   Non-Hispanic AIAN   0.98 (0.91-1.06)   0.92 (0.87-0.96)   Non-Hispanic AIAN   0.98 (0.91-1.06)   0.99 (0.88-0.93)   Non-Hispanic AIAN   0.98 (0.99-0.97)   0.93 (0.93-0.94)   Hispanic AIAN   0.96 (0.89-1.03)   0.85 (0.82-0.87)   Non-Hispanic AIAN   0.99 (0.89-0.97)   0.93 (0.93-0.94)   Hispanic AIAN   0.96 (0.89-1.03)   0.97 (0.97-0.98)   0.97 (0.97-0.98)   Age, y   55-64   Non-Hispanic AIAN   0.96 (0.89-1.03)   0.97 (0.97-0.98)   0.97 (0.97-0.98)   Non-Hispanic AIAN   0.96 (0.89-1.03)   0.97 (0.97-0.98)   0.97 (0.97-0.98)   Non-Hispanic AIAN   0.96 (0.89-1.03)   0.97 (0.97-0.98)   0.9	Hispanic/Latino	0.94 (0.92–0.96)	1.23 (1.19–1.26)			
Non-Hispanic NHOPI 0.87 (0.80-0.94) 1.10 (0.75-1.61) Non-Hispanic Black 0.76 (0.75-0.78) 1.23 (1.17-1.28) Non-Hispanic AlAN 0.84 (0.79-0.88) 0.84 (0.72-1.00) Non-Hispanic Multiple 0.82 (0.78-0.87) 0.93 (0.84-1.04) Non-Hispanic White 0.86 (0.85-0.87) 1.06 (1.04-1.08) Hispanic/Latino 0.90 (0.89-0.91) 1.19 (1.14-1.25) Age, y 35-44 ≥85 Non-Hispanic NHOPI 0.83 (0.75-0.92) 1.30 (0.71-2.40) Non-Hispanic Black 0.85 (0.83-0.86) 1.14 (1.07-1.22) Non-Hispanic Black 0.85 (0.83-0.86) 1.14 (1.07-1.22) Non-Hispanic AlAN 0.90 (0.84-0.97) 1.01 (0.78-1.32) Non-Hispanic Multiple 0.93 (0.86-1.00) 0.64 (0.57-0.72) Non-Hispanic White 0.91 (0.90-0.93) 0.83 (0.81-0.85) Hispanic/Latino 0.96 (0.94-0.97) 1.02 (0.95-1.09) Age, y 45-54 Overall Non-Hispanic Asian 1.04 (0.99-1.10) 1.05 (1.02-1.07) Non-Hispanic Black 0.88 (0.86-0.90) 0.87 (0.87-0.96) Non-Hispanic Black 0.88 (0.86-0.90) 0.87 (0.87-0.98) Non-Hispanic Black 0.88 (0.86-0.90) 0.87 (0.87-0.98) Non-Hispanic Black 0.88 (0.86-0.90) 0.87 (0.87-0.98) Non-Hispanic Multiple 0.96 (0.89-1.03) 0.85 (0.82-0.87) Non-Hispanic Multiple 0.96 (0.89-1.03) 0.87 (0.97-0.98) Non-Hispanic NhOPI 0.94 (0.79-1.10) Non-Hispanic NhOPI 0.94 (0.79-1.10) Non-Hispanic NhOPI 0.94 (0.79-1.10) Non-Hispanic Multiple 1.05 (0.98-1.04) Non-Hispanic Multiple 1.05 (0.98-1.04) Non-Hispanic Mittle 1.05 (0.98-1.04) Non-Hispanic Multiple 1.05 (0.08-1.04)	Age, y	20–34	75–84			
Non-Hispanic Black         0.76 (0.75–0.78)         1.23 (1.17–1.28)           Non-Hispanic AlAN         0.84 (0.79–0.88)         0.84 (0.72–1.00)           Non-Hispanic Multiple         0.82 (0.78–0.87)         0.93 (0.84–1.04)           Non-Hispanic White         0.86 (0.85–0.87)         1.06 (1.04–1.08)           Hispanic/Latino         0.90 (0.89–0.91)         1.19 (1.14–1.25)           Age, y         35–44         ≥85           Non-Hispanic Asian         1.09 (1.04–1.15)         1.10 (0.93–1.31)           Non-Hispanic NHOPI         0.83 (0.75–0.92)         1.30 (0.71–2.40)           Non-Hispanic Black         0.85 (0.83–0.86)         1.14 (1.07–1.22)           Non-Hispanic Asian         0.90 (0.84–0.97)         1.01 (0.78–1.32)           Non-Hispanic Multiple         0.93 (0.86–1.00)         0.64 (0.57–0.72)           Non-Hispanic White         0.91 (0.90–0.93)         0.83 (0.81–0.85)           Hispanic/Latino         0.96 (0.94–0.97)         1.02 (0.95–1.09)           Age, y         45–54         Overall           Non-Hispanic NHOPI         0.94 (0.83–1.06)         0.92 (0.87–0.96)           Non-Hispanic Black         0.88 (0.86–0.90)         0.87 (0.87–0.88)           Non-Hispanic White         0.96 (0.89–1.03)         0.85 (0.82–0.87)	Non-Hispanic Asian	1.01 (0.97–1.05)	1.22 (1.08–1.39)			
Non-Hispanic AIAN         0.84 (0.79–0.88)         0.84 (0.72–1.00)           Non-Hispanic Multiple         0.82 (0.78–0.87)         0.93 (0.84–1.04)           Non-Hispanic White         0.86 (0.85–0.87)         1.06 (1.04–1.08)           Hispanic/Latino         0.90 (0.89–0.91)         1.19 (1.14–1.25)           Age, y         35–44         ≥85           Non-Hispanic Asian         1.09 (1.04–1.15)         1.10 (0.93–1.31)           Non-Hispanic Black         0.83 (0.75–0.92)         1.30 (0.71–2.40)           Non-Hispanic Black         0.85 (0.83–0.86)         1.14 (1.07–1.22)           Non-Hispanic AIAN         0.90 (0.84–0.97)         1.01 (0.78–1.32)           Non-Hispanic Multiple         0.93 (0.86–1.00)         0.64 (0.57–0.72)           Non-Hispanic White         0.91 (0.90–0.93)         0.83 (0.81–0.85)           Hispanic/Latino         0.96 (0.94–0.97)         1.02 (0.95–1.09)           Age, y         45–54         Overall           Non-Hispanic Asian         1.04 (0.99–1.10)         1.05 (1.02–1.07)           Non-Hispanic Black         0.88 (0.86–0.90)         0.87 (0.87–0.88)           Non-Hispanic White         0.94 (0.83–1.06)         0.92 (0.87–0.96)           Non-Hispanic White         0.96 (0.89–1.06)         0.93 (0.93–0.94)           H	Non-Hispanic NHOPI	0.87 (0.80–0.94)	1.10 (0.75–1.61)			
Non-Hispanic Multiple	Non-Hispanic Black	0.76 (0.75–0.78)	1.23 (1.17–1.28)			
Non-Hispanic White         0.86 (0.85−0.87)         1.06 (1.04−1.08)           Hispanic/Latino         0.90 (0.89−0.91)         1.19 (1.14−1.25)           Age, y         35−44         ≥85           Non-Hispanic Asian         1.09 (1.04−1.15)         1.10 (0.93−1.31)           Non-Hispanic NHOPI         0.83 (0.75−0.92)         1.30 (0.71−2.40)           Non-Hispanic Black         0.85 (0.83−0.86)         1.14 (1.07−1.22)           Non-Hispanic AlAN         0.90 (0.84−0.97)         1.01 (0.78−1.32)           Non-Hispanic Multiple         0.93 (0.86−1.00)         0.64 (0.57−0.72)           Non-Hispanic White         0.91 (0.90−0.93)         0.83 (0.81−0.85)           Hispanic/Latino         0.96 (0.94−0.97)         1.02 (0.95−1.09)           Age, y         45−54         Overall           Non-Hispanic Asian         1.04 (0.99−1.10)         1.05 (1.02−1.07)           Non-Hispanic NHOPI         0.94 (0.83−1.06)         0.92 (0.87−0.96)           Non-Hispanic AlAN         0.98 (0.91−1.06)         0.90 (0.88−0.93)           Non-Hispanic Multiple         0.96 (0.89−1.03)         0.85 (0.82−0.87)           Non-Hispanic White         0.95 (0.94−0.97)         0.93 (0.93−0.94)           Hispanic/Latino         0.97 (0.95−0.98)         0.97 (0.97−0.98)           Age,	Non-Hispanic AIAN	0.84 (0.79–0.88)	0.84 (0.72–1.00)			
Hispanic/Latino         0.90 (0.89−0.91)         1.19 (1.14−1.25)           Age, y         35−44         ≥85           Non-Hispanic Asian         1.09 (1.04−1.15)         1.10 (0.93−1.31)           Non-Hispanic NHOPI         0.83 (0.75−0.92)         1.30 (0.71−2.40)           Non-Hispanic Black         0.85 (0.83−0.86)         1.14 (1.07−1.22)           Non-Hispanic AlAN         0.90 (0.84−0.97)         1.01 (0.78−1.32)           Non-Hispanic Multiple         0.93 (0.86−1.00)         0.64 (0.57−0.72)           Non-Hispanic White         0.91 (0.90−0.93)         0.83 (0.81−0.85)           Hispanic/Latino         0.96 (0.94−0.97)         1.02 (0.95−1.09)           Age, y         45−54         Overall           Non-Hispanic Asian         1.04 (0.99−1.10)         1.05 (1.02−1.07)           Non-Hispanic NHOPI         0.94 (0.83−1.06)         0.92 (0.87−0.96)           Non-Hispanic Black         0.88 (0.86−0.90)         0.87 (0.87−0.88)           Non-Hispanic Multiple         0.96 (0.89−1.03)         0.85 (0.82−0.87)           Non-Hispanic White         0.95 (0.94−0.97)         0.93 (0.93−0.94)           Hispanic/Latino         0.97 (0.95−0.98)         0.97 (0.97−0.98)           Age, y         55−64         Non-Hispanic Alan         0.96 (0.89−1.00)	Non-Hispanic Multiple	0.82 (0.78–0.87)	0.93 (0.84–1.04)			
Age, y       35–44       ≥85         Non-Hispanic Asian       1.09 (1.04–1.15)       1.10 (0.93–1.31)         Non-Hispanic NHOPI       0.83 (0.75–0.92)       1.30 (0.71–2.40)         Non-Hispanic Black       0.85 (0.83–0.86)       1.14 (1.07–1.22)         Non-Hispanic AIAN       0.90 (0.84–0.97)       1.01 (0.78–1.32)         Non-Hispanic Multiple       0.93 (0.86–1.00)       0.64 (0.57–0.72)         Non-Hispanic White       0.91 (0.90–0.93)       0.83 (0.81–0.85)         Hispanic/Latino       0.96 (0.94–0.97)       1.02 (0.95–1.09)         Age, y       45–54       Overall         Non-Hispanic Asian       1.04 (0.99–1.10)       1.05 (1.02–1.07)         Non-Hispanic NHOPI       0.94 (0.83–1.06)       0.92 (0.87–0.96)         Non-Hispanic Black       0.88 (0.86–0.90)       0.87 (0.87–0.88)         Non-Hispanic Multiple       0.96 (0.89–1.03)       0.85 (0.82–0.87)         Non-Hispanic White       0.95 (0.94–0.97)       0.93 (0.93–0.94)         Hispanic/Latino       0.97 (0.95–0.98)       0.97 (0.97–0.98)         Age, y       55–64       Non-Hispanic Asian       1.08 (1.02–1.15)         Non-Hispanic Asian       1.08 (1.02–1.15)       Non-Hispanic AlaN       0.99 (0.88–1.00)         Non-Hispanic Black       0.99 (0.88–1.00)	Non-Hispanic White	0.86 (0.85–0.87)	1.06 (1.04–1.08)			
Non-Hispanic Asian         1.09 (1.04–1.15)         1.10 (0.93–1.31)           Non-Hispanic NHOPI         0.83 (0.75–0.92)         1.30 (0.71–2.40)           Non-Hispanic Black         0.85 (0.83–0.86)         1.14 (1.07–1.22)           Non-Hispanic AIAN         0.90 (0.84–0.97)         1.01 (0.78–1.32)           Non-Hispanic Multiple         0.93 (0.86–1.00)         0.64 (0.57–0.72)           Non-Hispanic White         0.91 (0.90–0.93)         0.83 (0.81–0.85)           Hispanic/Latino         0.96 (0.94–0.97)         1.02 (0.95–1.09)           Age, y         45–54         Overall           Non-Hispanic Asian         1.04 (0.99–1.10)         1.05 (1.02–1.07)           Non-Hispanic NHOPI         0.94 (0.83–1.06)         0.92 (0.87–0.96)           Non-Hispanic Black         0.88 (0.86–0.90)         0.87 (0.87–0.88)           Non-Hispanic Multiple         0.98 (0.91–1.06)         0.90 (0.88–0.93)           Non-Hispanic White         0.95 (0.94–0.97)         0.93 (0.93–0.94)           Hispanic/Latino         0.97 (0.95–0.98)         0.97 (0.97–0.98)           Age, y         55–64         Non-Hispanic Saian         1.08 (1.02–1.15)           Non-Hispanic Asian         1.08 (1.02–1.15)         0.97 (0.97–0.98)           Age, y         55–64         0.98 (0.95–1.00) </td <td>Hispanic/Latino</td> <td>0.90 (0.89–0.91)</td> <td>1.19 (1.14–1.25)</td>	Hispanic/Latino	0.90 (0.89–0.91)	1.19 (1.14–1.25)			
Non-Hispanic Asian         1.09 (1.04–1.15)         1.10 (0.93–1.31)           Non-Hispanic NHOPI         0.83 (0.75–0.92)         1.30 (0.71–2.40)           Non-Hispanic Black         0.85 (0.83–0.86)         1.14 (1.07–1.22)           Non-Hispanic AIAN         0.90 (0.84–0.97)         1.01 (0.78–1.32)           Non-Hispanic Multiple         0.93 (0.86–1.00)         0.64 (0.57–0.72)           Non-Hispanic White         0.91 (0.90–0.93)         0.83 (0.81–0.85)           Hispanic/Latino         0.96 (0.94–0.97)         1.02 (0.95–1.09)           Age, y         45–54         Overall           Non-Hispanic Asian         1.04 (0.99–1.10)         1.05 (1.02–1.07)           Non-Hispanic NHOPI         0.94 (0.83–1.06)         0.92 (0.87–0.96)           Non-Hispanic Black         0.88 (0.86–0.90)         0.87 (0.87–0.88)           Non-Hispanic Multiple         0.98 (0.91–1.06)         0.90 (0.88–0.93)           Non-Hispanic White         0.95 (0.94–0.97)         0.93 (0.93–0.94)           Hispanic/Latino         0.97 (0.95–0.98)         0.97 (0.97–0.98)           Age, y         55–64         Non-Hispanic NHOPI         0.94 (0.79–1.10)           Non-Hispanic Asian         1.08 (1.02–1.15)         0.96 (0.88–1.04)           Non-Hispanic Black         0.98 (0.95–1.00)         0.97	Age, y	35–44	>85			
Non-Hispanic Black         0.85 (0.83–0.86)         1.14 (1.07–1.22)           Non-Hispanic AlAN         0.90 (0.84–0.97)         1.01 (0.78–1.32)           Non-Hispanic Multiple         0.93 (0.86–1.00)         0.64 (0.57–0.72)           Non-Hispanic White         0.91 (0.90–0.93)         0.83 (0.81–0.85)           Hispanic/Latino         0.96 (0.94–0.97)         1.02 (0.95–1.09)           Age, y         45–54         Overall           Non-Hispanic Asian         1.04 (0.99–1.10)         1.05 (1.02–1.07)           Non-Hispanic NHOPI         0.94 (0.83–1.06)         0.92 (0.87–0.96)           Non-Hispanic Black         0.88 (0.86–0.90)         0.87 (0.87–0.88)           Non-Hispanic AlAN         0.98 (0.91–1.06)         0.90 (0.88–0.93)           Non-Hispanic White         0.95 (0.94–0.97)         0.93 (0.93–0.94)           Hispanic/Latino         0.97 (0.95–0.98)         0.97 (0.97–0.98)           Age, y         55–64           Non-Hispanic Asian         1.08 (1.02–1.15)           Non-Hispanic NHOPI         0.94 (0.79–1.10)           Non-Hispanic Black         0.98 (0.95–1.00)           Non-Hispanic Black         0.96 (0.88–1.04)           Non-Hispanic Multiple         1.05 (0.97–1.13)           Non-Hispanic White         1.05 (0.97–1.13)		1.09 (1.04–1.15)	1.10 (0.93–1.31)			
Non-Hispanic Black         0.85 (0.83–0.86)         1.14 (1.07–1.22)           Non-Hispanic AlAN         0.90 (0.84–0.97)         1.01 (0.78–1.32)           Non-Hispanic Multiple         0.93 (0.86–1.00)         0.64 (0.57–0.72)           Non-Hispanic White         0.91 (0.90–0.93)         0.83 (0.81–0.85)           Hispanic/Latino         0.96 (0.94–0.97)         1.02 (0.95–1.09)           Age, y         45–54         Overall           Non-Hispanic Asian         1.04 (0.99–1.10)         1.05 (1.02–1.07)           Non-Hispanic NHOPI         0.94 (0.83–1.06)         0.92 (0.87–0.96)           Non-Hispanic Black         0.88 (0.86–0.90)         0.87 (0.87–0.88)           Non-Hispanic AlAN         0.98 (0.91–1.06)         0.90 (0.88–0.93)           Non-Hispanic White         0.95 (0.94–0.97)         0.93 (0.93–0.94)           Hispanic/Latino         0.97 (0.95–0.98)         0.97 (0.97–0.98)           Age, y         55–64           Non-Hispanic Asian         1.08 (1.02–1.15)           Non-Hispanic NHOPI         0.94 (0.79–1.10)           Non-Hispanic Black         0.98 (0.95–1.00)           Non-Hispanic Black         0.96 (0.88–1.04)           Non-Hispanic Multiple         1.05 (0.97–1.13)           Non-Hispanic White         1.05 (0.97–1.13)	Non-Hispanic NHOPI	0.83 (0.75–0.92)	1.30 (0.71–2.40)			
Non-Hispanic Multiple         0.93 (0.86–1.00)         0.64 (0.57–0.72)           Non-Hispanic White         0.91 (0.90–0.93)         0.83 (0.81–0.85)           Hispanic/Latino         0.96 (0.94–0.97)         1.02 (0.95–1.09)           Age, y         45–54         Overall           Non-Hispanic Asian         1.04 (0.99–1.10)         1.05 (1.02–1.07)           Non-Hispanic NHOPI         0.94 (0.83–1.06)         0.92 (0.87–0.96)           Non-Hispanic Black         0.88 (0.86–0.90)         0.87 (0.87–0.88)           Non-Hispanic AIAN         0.98 (0.91–1.06)         0.90 (0.88–0.93)           Non-Hispanic Multiple         0.96 (0.89–1.03)         0.85 (0.82–0.87)           Non-Hispanic White         0.95 (0.94–0.97)         0.93 (0.93–0.94)           Hispanic/Latino         0.97 (0.95–0.98)         0.97 (0.97–0.98)           Age, y         55–64           Non-Hispanic Asian         1.08 (1.02–1.15)           Non-Hispanic Black         0.98 (0.95–1.00)           Non-Hispanic Black         0.98 (0.95–1.00)           Non-Hispanic Multiple         1.05 (0.97–1.13)           Non-Hispanic White         1.05 (0.97–1.13)           Non-Hispanic White         1.06 (1.04–1.07)		0.85 (0.83-0.86)	1.14 (1.07–1.22)			
Non-Hispanic Multiple         0.93 (0.86–1.00)         0.64 (0.57–0.72)           Non-Hispanic White         0.91 (0.90–0.93)         0.83 (0.81–0.85)           Hispanic/Latino         0.96 (0.94–0.97)         1.02 (0.95–1.09)           Age, y         45–54         Overall           Non-Hispanic Asian         1.04 (0.99–1.10)         1.05 (1.02–1.07)           Non-Hispanic NHOPI         0.94 (0.83–1.06)         0.92 (0.87–0.96)           Non-Hispanic Black         0.88 (0.86–0.90)         0.87 (0.87–0.88)           Non-Hispanic AIAN         0.98 (0.91–1.06)         0.90 (0.88–0.93)           Non-Hispanic Multiple         0.96 (0.89–1.03)         0.85 (0.82–0.87)           Non-Hispanic White         0.95 (0.94–0.97)         0.93 (0.93–0.94)           Hispanic/Latino         0.97 (0.95–0.98)         0.97 (0.97–0.98)           Age, y         55–64           Non-Hispanic Asian         1.08 (1.02–1.15)           Non-Hispanic Black         0.98 (0.95–1.00)           Non-Hispanic Black         0.98 (0.95–1.00)           Non-Hispanic Multiple         1.05 (0.97–1.13)           Non-Hispanic White         1.05 (0.97–1.13)           Non-Hispanic White         1.06 (1.04–1.07)	Non-Hispanic AIAN	0.90 (0.84–0.97)	1.01 (0.78–1.32)			
Non-Hispanic White         0.91 (0.90–0.93)         0.83 (0.81–0.85)           Hispanic/Latino         0.96 (0.94–0.97)         1.02 (0.95–1.09)           Age, y         45–54         Overall           Non-Hispanic Asian         1.04 (0.99–1.10)         1.05 (1.02–1.07)           Non-Hispanic NHOPI         0.94 (0.83–1.06)         0.92 (0.87–0.96)           Non-Hispanic Black         0.88 (0.86–0.90)         0.87 (0.87–0.88)           Non-Hispanic AlAN         0.98 (0.91–1.06)         0.90 (0.88–0.93)           Non-Hispanic Multiple         0.96 (0.89–1.03)         0.85 (0.82–0.87)           Non-Hispanic White         0.95 (0.94–0.97)         0.93 (0.93–0.94)           Hispanic/Latino         0.97 (0.95–0.98)         0.97 (0.97–0.98)           Age, y         55–64           Non-Hispanic Asian         1.08 (1.02–1.15)           Non-Hispanic Black         0.98 (0.95–1.00)           Non-Hispanic Black         0.98 (0.95–1.00)           Non-Hispanic Multiple         1.05 (0.97–1.13)           Non-Hispanic White         1.05 (0.97–1.13)           Non-Hispanic White         1.06 (1.04–1.07)	Non-Hispanic Multiple	0.93 (0.86–1.00)				
Age, y       45–54       Overall         Non-Hispanic Asian       1.04 (0.99–1.10)       1.05 (1.02–1.07)         Non-Hispanic NHOPI       0.94 (0.83–1.06)       0.92 (0.87–0.96)         Non-Hispanic Black       0.88 (0.86–0.90)       0.87 (0.87–0.88)         Non-Hispanic AIAN       0.98 (0.91–1.06)       0.90 (0.88–0.93)         Non-Hispanic Multiple       0.96 (0.89–1.03)       0.85 (0.82–0.87)         Non-Hispanic White       0.95 (0.94–0.97)       0.93 (0.93–0.94)         Hispanic/Latino       0.97 (0.95–0.98)       0.97 (0.97–0.98)         Age, y       55–64         Non-Hispanic Asian       1.08 (1.02–1.15)         Non-Hispanic NHOPI       0.94 (0.79–1.10)         Non-Hispanic Black       0.98 (0.95–1.00)         Non-Hispanic Multiple       1.05 (0.97–1.13)         Non-Hispanic White       1.06 (1.04–1.07)		0.91 (0.90–0.93)	0.83 (0.81–0.85)			
Non-Hispanic Asian       1.04 (0.99–1.10)       1.05 (1.02–1.07)         Non-Hispanic NHOPI       0.94 (0.83–1.06)       0.92 (0.87–0.96)         Non-Hispanic Black       0.88 (0.86–0.90)       0.87 (0.87–0.88)         Non-Hispanic AIAN       0.98 (0.91–1.06)       0.90 (0.88–0.93)         Non-Hispanic Multiple       0.96 (0.89–1.03)       0.85 (0.82–0.87)         Non-Hispanic White       0.95 (0.94–0.97)       0.93 (0.93–0.94)         Hispanic/Latino       0.97 (0.95–0.98)       0.97 (0.97–0.98)         Age, y       55–64         Non-Hispanic Asian       1.08 (1.02–1.15)         Non-Hispanic NHOPI       0.94 (0.79–1.10)         Non-Hispanic Black       0.98 (0.95–1.00)         Non-Hispanic AIAN       0.96 (0.88–1.04)         Non-Hispanic Multiple       1.05 (0.97–1.13)         Non-Hispanic White       1.06 (1.04–1.07)	Hispanic/Latino	0.96 (0.94-0.97)	1.02 (0.95–1.09)			
Non-Hispanic NHOPI       0.94 (0.83–1.06)       0.92 (0.87–0.96)         Non-Hispanic Black       0.88 (0.86–0.90)       0.87 (0.87–0.88)         Non-Hispanic AIAN       0.98 (0.91–1.06)       0.90 (0.88–0.93)         Non-Hispanic Multiple       0.96 (0.89–1.03)       0.85 (0.82–0.87)         Non-Hispanic White       0.95 (0.94–0.97)       0.93 (0.93–0.94)         Hispanic/Latino       0.97 (0.95–0.98)       0.97 (0.97–0.98)         Age, y       55–64         Non-Hispanic Asian       1.08 (1.02–1.15)         Non-Hispanic NHOPI       0.94 (0.79–1.10)         Non-Hispanic Black       0.98 (0.95–1.00)         Non-Hispanic AIAN       0.96 (0.88–1.04)         Non-Hispanic Multiple       1.05 (0.97–1.13)         Non-Hispanic White       1.06 (1.04–1.07)	Age, y	45–54	Overall			
Non-Hispanic NHOPI       0.94 (0.83–1.06)       0.92 (0.87–0.96)         Non-Hispanic Black       0.88 (0.86–0.90)       0.87 (0.87–0.88)         Non-Hispanic AIAN       0.98 (0.91–1.06)       0.90 (0.88–0.93)         Non-Hispanic Multiple       0.96 (0.89–1.03)       0.85 (0.82–0.87)         Non-Hispanic White       0.95 (0.94–0.97)       0.93 (0.93–0.94)         Hispanic/Latino       0.97 (0.95–0.98)       0.97 (0.97–0.98)         Age, y       55–64         Non-Hispanic Asian       1.08 (1.02–1.15)         Non-Hispanic NHOPI       0.94 (0.79–1.10)         Non-Hispanic Black       0.98 (0.95–1.00)         Non-Hispanic AIAN       0.96 (0.88–1.04)         Non-Hispanic Multiple       1.05 (0.97–1.13)         Non-Hispanic White       1.06 (1.04–1.07)	Non-Hispanic Asian	1.04 (0.99–1.10)	1.05 (1.02–1.07)			
Non-Hispanic AIAN       0.98 (0.91–1.06)       0.90 (0.88–0.93)         Non-Hispanic Multiple       0.96 (0.89–1.03)       0.85 (0.82–0.87)         Non-Hispanic White       0.95 (0.94–0.97)       0.93 (0.93–0.94)         Hispanic/Latino       0.97 (0.95–0.98)       0.97 (0.97–0.98)         Age, y       55–64       0.98 (1.02–1.15)         Non-Hispanic Asian       1.08 (1.02–1.15)       0.94 (0.79–1.10)         Non-Hispanic Black       0.98 (0.95–1.00)       0.96 (0.88–1.04)         Non-Hispanic AIAN       0.96 (0.88–1.04)         Non-Hispanic Multiple       1.05 (0.97–1.13)         Non-Hispanic White       1.06 (1.04–1.07)		0.94 (0.83–1.06)	0.92 (0.87–0.96)			
Non-Hispanic Multiple       0.96 (0.89–1.03)       0.85 (0.82–0.87)         Non-Hispanic White       0.95 (0.94–0.97)       0.93 (0.93–0.94)         Hispanic/Latino       0.97 (0.95–0.98)       0.97 (0.97–0.98)         Age, y       55–64         Non-Hispanic Asian       1.08 (1.02–1.15)         Non-Hispanic NHOPI       0.94 (0.79–1.10)         Non-Hispanic Black       0.98 (0.95–1.00)         Non-Hispanic AIAN       0.96 (0.88–1.04)         Non-Hispanic Multiple       1.05 (0.97–1.13)         Non-Hispanic White       1.06 (1.04–1.07)	Non-Hispanic Black	0.88 (0.86–0.90)	0.87 (0.87–0.88)			
Non-Hispanic White       0.95 (0.94–0.97)       0.93 (0.93–0.94)         Hispanic/Latino       0.97 (0.95–0.98)       0.97 (0.97–0.98)         Age, y       55–64         Non-Hispanic Asian       1.08 (1.02–1.15)         Non-Hispanic NHOPI       0.94 (0.79–1.10)         Non-Hispanic Black       0.98 (0.95–1.00)         Non-Hispanic AIAN       0.96 (0.88–1.04)         Non-Hispanic Multiple       1.05 (0.97–1.13)         Non-Hispanic White       1.06 (1.04–1.07)	Non-Hispanic AIAN	0.98 (0.91–1.06)	0.90 (0.88-0.93)			
Hispanic/Latino         0.97 (0.95–0.98)         0.97 (0.97–0.98)           Age, y         55–64           Non-Hispanic Asian         1.08 (1.02–1.15)           Non-Hispanic NHOPI         0.94 (0.79–1.10)           Non-Hispanic Black         0.98 (0.95–1.00)           Non-Hispanic AIAN         0.96 (0.88–1.04)           Non-Hispanic Multiple         1.05 (0.97–1.13)           Non-Hispanic White         1.06 (1.04–1.07)	Non-Hispanic Multiple	0.96 (0.89–1.03)	0.85 (0.82–0.87)			
Age, y       55–64         Non-Hispanic Asian       1.08 (1.02–1.15)         Non-Hispanic NHOPI       0.94 (0.79–1.10)         Non-Hispanic Black       0.98 (0.95–1.00)         Non-Hispanic AIAN       0.96 (0.88–1.04)         Non-Hispanic Multiple       1.05 (0.97–1.13)         Non-Hispanic White       1.06 (1.04–1.07)	Non-Hispanic White	0.95 (0.94-0.97)	0.93 (0.93-0.94)			
Non-Hispanic Asian       1.08 (1.02–1.15)         Non-Hispanic NHOPI       0.94 (0.79–1.10)         Non-Hispanic Black       0.98 (0.95–1.00)         Non-Hispanic AIAN       0.96 (0.88–1.04)         Non-Hispanic Multiple       1.05 (0.97–1.13)         Non-Hispanic White       1.06 (1.04–1.07)	Hispanic/Latino	0.97 (0.95–0.98)	0.97 (0.97–0.98)			
Non-Hispanic NHOPI       0.94 (0.79–1.10)         Non-Hispanic Black       0.98 (0.95–1.00)         Non-Hispanic AIAN       0.96 (0.88–1.04)         Non-Hispanic Multiple       1.05 (0.97–1.13)         Non-Hispanic White       1.06 (1.04–1.07)	Age, y	55–64	_			
Non-Hispanic Black       0.98 (0.95–1.00)         Non-Hispanic AIAN       0.96 (0.88–1.04)         Non-Hispanic Multiple       1.05 (0.97–1.13)         Non-Hispanic White       1.06 (1.04–1.07)	Non-Hispanic Asian	1.08 (1.02–1.15)				
Non-Hispanic AIAN       0.96 (0.88–1.04)         Non-Hispanic Multiple       1.05 (0.97–1.13)         Non-Hispanic White       1.06 (1.04–1.07)	Non-Hispanic NHOPI	0.94 (0.79–1.10)				
Non-Hispanic Multiple         1.05 (0.97–1.13)           Non-Hispanic White         1.06 (1.04–1.07)	Non-Hispanic Black	0.98 (0.95–1.00)				
Non-Hispanic White 1.06 (1.04–1.07)	Non-Hispanic AIAN	0.96 (0.88-1.04)				
·	Non-Hispanic Multiple	1.05 (0.97–1.13)				
Hispanic/Latino 1.08 (1.06–1.11)	Non-Hispanic White	1.06 (1.04–1.07)				
	Hispanic/Latino	1.08 (1.06–1.11)				

<sup>\*</sup>Data from District of Columbia and 22 US states: Alaska, Arkansas, Florida, Hawaii, Iowa, Kansas, Massachusetts, Maine, Michigan, Minnesota, Mississippi, Montana, Nebraska, New Hampshire, New Mexico, Nevada, Ohio, Oregon, Tennessee, Utah, Vermont, and Wisconsin. Data from Data Collation and Integration for Public Health Event Responses platform (https://data.cdc.gov/browse?tags=covid-19). Reference group: women. AIAN, American Indian or Alaska Native; CIR, cumulative incidence ratio; NHOPI, Native Hawaiian or other Pacific Islander. †Calculated using a normal approximation.

**Appendix Table 3.** Racial/ethnic population distribution in study of disparities in severe acute respiratory syndrome coronavirus 2 infection, 22 US states and District of Columbia, January 1–October 1, 2020\*

	Population, no. (%)		
Racial/ethnic group	All US states + District of Columbia	Study states + District of Columbia	
Non-Hispanic White	197,309,822 (60.1)	70,293,994 (68.8)	
Hispanic/Latino	60,572,237 (18.5)	13,128,453 (12.8)	
Non-Hispanic Black	41,147,488 (12.5)	11,424,838 (11.2)	
Non-Hispanic Asian	18,905,879 (5.8)	3,854,786 (3.8)	
Non-Hispanic Multiple	7,273,281 (2.2)	2,367,411 (2.3)	
Non-Hispanic American Indian or Alaska Native	2,434,908 (0.7)	846,922 (0.8)	
Non-Hispanic Native Hawaiian or other Pacific Islander	595,908 (0.2)	268,314 (0.3)	
Total	328,239,523 (100.0)	102,184,718 (100.0)	

<sup>\*</sup>Data from District of Columbia and 22 US states: Alaska, Arkansas, Florida, Hawaii, Iowa, Kansas, Massachusetts, Maine, Michigan, Minnesota, Mississippi, Montana, Nebraska, New Hampshire, New Mexico, Nevada, Ohio, Oregon, Tennessee, Utah, Vermont, and Wisconsin. Data from 2019 US Census (Annual County Resident Population Estimates by Age, Sex, Race, and Hispanic Origin, https://www.census.gov/programs-surveys/popest/technical-documentation/file-layouts.html). CIR, cumulative incidence ratio.

Appendix Table 4. Participants of unknown ethnicity in study on severe acute respiratory syndrome coronavirus 2 incidence, 22 US states and District of Columbia, January 1-October 1, 2020\*

	Persons of known	Persons of unknown ethnicity but	
Race†	race/ethnicity	known race	Proportion of unknown ethnicity, %‡
Black	231,956	24,933	9.7
Multiple/other	183,359	35,493	16.2
Asian	34,499	4,486	11.5
American Indian or Alaska Native	20,711	2,760	11.8
Native Hawaiian or other Pacific Islander	7,813	773	9.0
Total non-White	478,338	68,445	12.5
White	859,368	68,733	7.4

<sup>\*</sup>Table excludes 223,839 participants of unknown race and unknown ethnicity; 39,568 of unknown race and Hispanic/Latino ethnicity; and 13,336 of

unknown race and non-Hispanic ethnicity.

†Race without regard to ethnicity. "Known" includes "Other race" (i.e., race was reported but could not be assigned to a category).

‡Persons of unknown ethnicity but known race out of the sum of "Persons of known race/ethnicity" and "Persons of unknown ethnicity but known race."