



Public Health – Seattle & King County is releasing preliminary data of COVID-19 confirmed cases by race/ethnicity. Additional data is needed to be able to draw conclusions about the impact COVID-19 is having across demographic groups in King County and information will be released once data is available.

Washington State Department of Health attempts to contact every person who tests positive for COVID-19 for a case interview, during which they ask about race/ethnicity. However, DOH is not able to reach and conduct full interviews with everyone. Locally, PHSKC is augmenting this data through complementary databases to have a more in-depth understanding of how COVID-19 is impacting our community. **Currently, we have race/ethnicity data for about 51% of confirmed cases, limiting the generalizability of conclusions from this subset of cases.**

All data is preliminary and is subject to change as updates are made available and new cases are reported.

Included in this release is race and ethnicity data for all confirmed COVID-19 cases reported to PHSKC as of April 10, 2020 10:00 AM.

Information regarding hospitalizations and demographics will be updated once available.

Executive Summary:

A limitation of the data is that race/ethnicity is available for only 51% of cases. In addition, the availability and distribution of testing throughout the community may limit the generalizability of conclusions drawn from these estimates. **Please use caution in interpreting the data because of the small sample sizes (particularly among some race and ethnicity groups), availability of testing, and missing data.**

Among confirmed cases:

- Through April 10, 2020, there have been 4053 confirmed cases (182.1 cases per 100,000 King County residents). The rate of confirmed cases is highest among non-Hispanic Native Hawaiian or Pacific Islanders (189.5 per 100,000) and Hispanics/Latinos of any race (159.2 per 100,000 King County residents), and is significantly higher relative to non-Hispanic Asians (68.8 cases per 100,000 King County residents), non-Hispanic Blacks (109.3 per 100,000 King County residents) and non-Hispanic Whites (93.7 per 100,000 King County residents). There are no statistically significant differences in rates among other race and ethnicity groups.
- The proportion of confirmed cases among Hispanics/Latinos of any race (17.1%) is higher relative to the relative distribution in the total King County population overall (10%).

Among hospitalized cases:

- Through April 10, 2020, 646 cases have been hospitalized (15.9%). There are no statistically significant differences in hospitalization by race/ethnicity.
- A limitation of the data is that race/ethnicity is available for only 63% of hospitalized cases. A small sample size limits the reliability of comparisons across race/ethnicity.

Among deaths due to COVID-19:

- Through April 10, 2020, 274 cases have died (6.8%). The rate of death is highest among non-Hispanic Whites (14.6 deaths per 100,000 King County residents), and is significantly higher relative to non-Hispanic Blacks (7.7 deaths per 100,000 King County residents) and Hispanics/Latinos of any race (6.3 deaths per 100,000 King County residents). There are no statistically significant differences in rates among other race and ethnicity groups.
- A limitation of the data is that a majority of deaths occurred among people living in long-term care facilities, where the population distribution by race/ethnicity may not represent the general population. Additionally, this population may be at higher risk due to advanced age and underlying medical conditions. A small sample size limits the reliability of comparisons across race/ethnicity.



Summary of race & ethnicity among confirmed COVID-19 cases in King County, WA

Summary of confirmed cases:

- A limitation of the data is that race/ethnicity is available for only 51% of cases. In addition, the availability and distribution of testing throughout the community may limit the generalizability of conclusions drawn from these estimates.
- Through April 10, 2020, there have been 4053 confirmed cases (182.1 cases per 100,000 King County residents). The rate of confirmed cases is highest among non-Hispanic Native Hawaiian or Pacific Islanders (189.5 per 100,000) and Hispanics/Latinos of any race (159.2 per 100,000 King County residents), and is significantly higher relative to non-Hispanic Asians (68.8 cases per 100,000 King County residents), non-Hispanic Blacks (109.3 per 100,000 King County residents) and non-Hispanic Whites (93.7 per 100,000 King County residents). There are no statistically significant differences in rates among other race and ethnicity groups.
- The proportion of confirmed cases among Hispanics/Latinos of any race (17.1%) is higher relative to the relative distribution in the total King County population overall (10%).

	County Population (2019*)		Confirmed Cases as of April 10, 2020 10:00 AM			
	n	%	n	%	Rate per 100,000	95% CI (lower - upper)
Overall	2,226,300		4053		182.1	(176.4 - 187.7)
White, not Hispanic	1,306,335	58.7%	1224	58.8%	93.7	(88.4 - 98.9)
Black, not Hispanic	142,787	6.4%	156	7.5%	109.3	(92.1 - 126.4)
Hispanic or Latino, any race	222,934	10.0%	355	17.1%	159.2	(142.7 - 175.8)
Asian, not Hispanic	383,781	17.2%	264	12.7%	68.8	(60.5 - 77.1)
Native Hawaiian or Pacific Islander, not Hispanic	18,472	0.8%	35	1.7%	189.5	(126.7 - 252.2)
American Indian or Alaskan Native, not Hispanic	13,531	0.6%	14	0.7%	103.5	(49.3 - 157.7)
Other, not Hispanic**	138,460	6.2%	32	1.5%		
Unknown			1973	49%		

*Population data are estimates provided by the Washington State Office of Financial Management (OFM).

**"Other" includes multi-racial individuals and those whose race was marked as "Other" and not "Hispanic" in the case interview.

Percentages are calculated among cases with known race/ethnicity.



Summary of race & ethnicity among confirmed COVID-19 cases in King County, WA

Summary of hospitalized cases:

- Through April 10, 2020, 646 cases have been hospitalized (15.9%). There are no statistically significant differences in hospitalization by race/ethnicity.
- A limitation of the data is that race/ethnicity is available for only 63% of hospitalized cases. A small sample size limits the reliability of comparisons across race/ethnicity.

County Population (2019*)			Hospitalized Cases as of April 10, 2020 10:00 AM				
	n	%	n	% of hospitalized cases	% of confirmed cases	Rate per 100,000	95% CI (lower - upper)
Overall	2,226,300		646		15.9%	29.0	(26.7 - 31.2)
White, not Hispanic	1,306,335	58.7%	270	66.8%	22.1%	20.7	(18.2 - 23.1)
Black, not Hispanic	142,787	6.4%	23	5.7%	14.7%	16.1	(9.5 - 22.7)
Hispanic or Latino, any race	222,934	10.0%	44	10.9%	12.4%	19.7	(13.9 - 25.6)
Asian, not Hispanic	383,781	17.2%	56	13.9%	21.2%	14.6	(10.8 - 18.4)
Native Hawaiian or Pacific Islander, not Hispanic	18,472	0.8%	4	1.0%	11.4%	21.7	(0.4 - 42.9)
American Indian or Alaskan Native, not Hispanic	13,531	0.6%	2	0.5%	14.3%	14.8	(0 - 35.3)
Other, not Hispanic**	138,460	6.2%	5	1.2%	15.6%		
Unknown			242	37%	12.3%		

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**"Other" includes multi-racial individuals and those whose race was marked as "Other" and not "Hispanic" in the case interview.

Percentages are calculated among cases with known race/ethnicity.



Summary of deaths due to COVID-19:

- Through April 10, 2020, 274 cases have died (6.8%). The rate of death is highest among non-Hispanic Whites (14.6 deaths per 100,000 King County residents), and is significantly higher relative to non-Hispanic Blacks (7.7 deaths per 100,000 King County residents) and Hispanics/Latinos of any race (6.3 deaths per 100,000 King County residents). There are no statistically significant differences in rates among other race and ethnicity groups.
- A limitation of the data is that a majority of deaths occurred among people living in long-term care facilities, where the population distribution by race/ethnicity may not represent the general population. Additionally, this population may be at higher risk due to advanced age and underlying medical conditions. A small sample size limits the reliability of comparisons across race/ethnicity.

	County Population (2019*)		Deaths due to COVID-19 as of April 10, 2020 10:00 AM				
	n	%	n	% of deaths	% of confirmed cases	Rate per 100,000	95% CI (lower - upper)
Overall	2,226,300		274		6.8%	12.3	(10.8 - 13.7)
White, not Hispanic	1,306,335	58.7%	191	74.3%	15.6%	14.6	(12.5 - 16.7)
Black, not Hispanic	142,787	6.4%	11	4.3%	7.1%	7.7	(3.2 - 12.3)
Hispanic or Latino, any race	222,934	10.0%	14	5.4%	3.9%	6.3	(3.0 - 9.6)
Asian, not Hispanic	383,781	17.2%	38	14.8%	14.4%	9.9	(6.8 - 13.0)
Native Hawaiian or Pacific Islander, not Hispanic	18,472	0.8%	2	0.8%	5.7%	10.8	(0 - 25.5)
American Indian or Alaskan	13,531	0.6%	0	0.0%	0.0%	-	
Other, not Hispanic**	138,460	6.2%	1	0.4%	3.1%		
Unknown			17	6%	0.9%		

*Population data are estimates provided by the Washington State Office of Financial Management (OFM).

**"Other" includes multi-racial individuals and those whose race was marked as "Other" and not "Hispanic" in the case interview. Percentages are calculated among cases with known race/ethnicity.