

ANALYSIS OF COVID-19 DEATH TOTALS AS OF SATURDAY, 19 FEBRUARY 2022

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JURISDICTIONS IN THE AMERICAN NORTHEAST AND WESTERN EUROPE APPARENTLY AFFECTED BY THE MUCH MORE DEADLY VARIANT OF COVID-19 THAT INITIALLY IMPACTED ITALY. TOTAL COVID-19 DEATHS TO DATE IN ALL JURISDICTIONS WERE ADJUSTED FOR POPULATION AND COMPARED USING THEIR "PHILADELPHIA EQUIVALENTS" (PE's) AS THE GAUGE. "DPM" COLUMN RECORDS CV-19 DEATH-RATES IN DEATHS-PER-MILLION PERSONS PER JURISDICTION.

JURISDICTION	POPULATION	TOTAL CV-19 DEATHS	PHILADELPHIA EQUIVALENT	PE SCORE MULTIPLIER	PE SCORE PERCENTAGE	DPM
Philadelphia, Pennsylvania	1,592,000	4910 (NYT)	4910	1.00x "The Gauge"	Better or Worse Than PE's 0%	3084
Pennsylvania	12,700,000	46687	39169	1.19 <sup>x</sup>	19% <del>Better</del> WORSE	3334
Rhode Island	1,000,000	3397	3084	1.10 <sup>x</sup>	10% Worse	3207
Connecticut	3,700,000	10324	11411	.90 <sup>x</sup>	10% Better	2896
Massachusetts	6,700,000	23109	20664	1.12 <sup>x</sup>	12% Worse	3353
New Jersey	9,200,000	32647	28374	1.15 <sup>x</sup>	15% Worse	3676
New York State	19,500,000	67322	60141	1.12 <sup>x</sup>	12% Worse	3461
New York City (all boroughs)	8,442,000	39553	26037	1.52 <sup>x</sup>	52% Worse	4685
Brooklyn	2,600,000	12617	8019	1.57 <sup>x</sup>	57% Worse	4857
Queens	2,297,000	11668	7084	1.65 <sup>x</sup>	65% Worse	5080
Bronx	1,440,000	7646	4441	1.72 <sup>x</sup>	72% Worse	5310
Manhattan	1,630,000	5356	5027	1.07 <sup>x</sup>	7% Worse	3286
Staten Island	475,000	2266	1465	1.55 <sup>x</sup>	55% Worse	4771

WEST EUROPEAN JURISDICTIONS APPARENTLY AFFECTED BY THE ITALIAN VARIANT OF CV-19

Ireland	4,938,000	6417	15230	.42 <sup>x</sup>	58% Better	1276
Netherlands	17,135,000	21475	52847	.41 <sup>x</sup>	59% Better	1249
France	65,274,000	136446	201316	.68 <sup>x</sup>	32% Better	2083
Italy	60,462,000	152848	186475	.82 <sup>x</sup>	18% Better	2534
United Kingdom	67,886,000	160507	209372	.77 <sup>x</sup>	23% Better	2344
Spain	46,755,000	97998	144200	.68 <sup>x</sup>	32% Better	2095
Belgium	11,590,000	29920	35746	.84 <sup>x</sup>	16% Better	2563

**ANALYSIS OF COVID-19 DEATH TOTALS AS OF SATURDAY, 19 FEBRUARY 2022**

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**I. WEST EUROPEAN JURISDICTIONS THAT BORDER THE NATIONS MOST AFFECTED BY THE MUCH MORE DEADLY VARIANT OF COVID-19 THAT INITIALLY IMPACTED ITALY.**

**TOTAL COVID-19 DEATHS TO DATE IN ALL JURISDICTIONS WERE ADJUSTED FOR POPULATION AND COMPARED USING THEIR "PHILADELPHIA EQUIVALENTS" (PEs) AS THE GAUGE. "DPM" COLUMN RECORDS CV-19 DEATH-RATES IN DEATHS-PER-MILLION PERSONS.**

JURISDICTION	POPULATION	TOTAL CV-19 DEATHS	PHILADELPHIA EQUIVALENT	PE SCORE MULTIPLIER	PE SCORE PERCENTAGE	DPM
Philadelphia, Pennsylvania	1,592,000	4910 (NY)	4910	1.00x "The Gauge"	Better or Worse Than PE's 0%	3084
Portugal	10,197,000	20759	31449	.66 <sup>x</sup>	34% Better	1498
Austria	9,023,000	14562	27828	.52 <sup>x</sup>	48% Better	1602
Slovenia	2,079,000	6184	6412	.96 <sup>x</sup>	4% Better	2974
Germany	83,784,000	121726	258404	.47 <sup>x</sup>	53% Better	1445
Luxembourg	628,000	983	1937	.51 <sup>x</sup>	49% Better	1530
Switzerland	8,655,000	13117	26693	.49 <sup>x</sup>	57% Better	1498

**II. THE NEXT TIER OF WEST EUROPEAN NATIONS COMPARED TO THEIR PHILADELPHIA EQUIVALENTS AND THEIR CV-19 DEATH-RATES IN DEATHS-PER-MILLION PERSONS TO DATE.**

JURISDICTION	POPULATION	TOTAL CV-19 DEATHS	PHILADELPHIA EQUIVALENT	PE SCORE MULTIPLIER	PE SCORE PERCENTAGE	DPM
Iceland	364,000	58	1123	.05 <sup>x</sup>	95% Better	168
Denmark	5,792,000	4278	17864	.24 <sup>x</sup>	76% Better	734
Norway	5,415,000	1548	16701	.09 <sup>x</sup>	91% Better	282
Sweden *(See Text Note)	10,090,000	16817	31119	.54 <sup>x</sup>	46% Better	1648
Finland	5,541,000	2277	17089	.13 <sup>x</sup>	87% Better	410
Estonia	1,327,000	2152	4093	.53 <sup>x</sup>	47% Better	1620
Latvia	1,879,000	5099	5796	.88 <sup>x</sup>	12% Better	2753
Lithuania	2,709,000	8236	8355	.99 <sup>x</sup>	1% Better	3096
Kaliningrad, Russia	995,000	1553 (SHU)	3069	.51 <sup>x</sup>	49% Better	1561
Poland	37,833,000	109792	116683	.94 <sup>x</sup>	6% Better	2906
Czechia	10,716,000	38188	33050	1.16 <sup>x</sup>	16% Worse	3555
Slovakia	5,461,000	18225	16843	1.08 <sup>x</sup>	8% Better Worse	3335

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I. EURASIAN - FOLLOWED BY U.S. - JURISDICTIONS APPARENTLY AFFECTED BY THE FAR LESS DEADLY WUHAN VARIANT OF COVID-19 WERE ADJUSTED FOR POPULATION AND COMPARED TO THEIR "SAN FRANCISCO EQUIVALENTS" (SFEs) AS THE GAUGE. "DPM" COLUMN RECORDS CV-19 DEATH-RATES IN DEATHS-PER-MILLION PERSONS IN EACH JURISDICTION.

JURISDICTION	POPULATION	TOTAL CV-19 DEATHS	SAN FRANCISCO EQUIVALENT	SFE SCORE MULTIPLIER	SFE SCORE PERCENTAGE	DPM
San Francisco, California	900,000	756 (NYT)	756	1.00x "The Gauge"	Better or Worse Than SFE's 0%	840
MAIN China LAND (All Provinces)	1,438,510,000	4,636	1208348	.004 <sup>x</sup>	99.6% Better	3
Hubei Province China	58,500,000	4,512 (97.3% of PRC)	49140	.09 <sup>x</sup>	91% Better	77
Beijing Province China	20,463,000	9	17189	.0005 <sup>x</sup>	99.95% Better	.44
Taiwan China	23,842,000	852	20027	.04 <sup>x</sup>	96% Better	36
South Korea	51,262,000	7354	43060	.17 <sup>x</sup>	83% Better	143
Japan	126,476,000	21433	106240	.20 <sup>x</sup>	80% Better	170
Iran	82,914,000	134798	69648	1.94 <sup>x</sup>	94% Worse	1572
Russian Federation	145,934,000	344755	122585	2.81 <sup>x</sup>	181% Worse	2361

II. US WEST COAST JURISDICTIONS COMPARED TO THEIR SAN FRANCISCO EQUIVALENTS

Oregon	4,220,000	6456	3545	1.82 <sup>x</sup>	82% Worse	1531
Multnomah County, OR	813,000	1018	683	1.49 <sup>x</sup>	49% Worse	1252
California	40,000,000	83941 (NYT)	33600	2.50 <sup>x</sup>	150% Worse	2099
Los Angeles County, CA	10,079,000	30216 (NYT)	8466	3.57 <sup>x</sup>	257% Worse	2998
Washington State	7,615,000	11706 (NYT)	6397	1.83 <sup>x</sup>	83% Worse	1537
King County, WA	2,204,000	2526	1851	1.36 <sup>x</sup>	36% Worse	1146
Snohomish County, WA	822,000	1034	690	1.50 <sup>x</sup>	50% Worse	1258
Pierce County, WA	905,000	1274	760	1.67 <sup>x</sup>	67% Worse	1408
Yakima County, WA	251,000	737	211	3.49 <sup>x</sup>	249% Worse	2936
Benton County, WA	205,000	441	172	2.56 <sup>x</sup>	156% Worse	2157
Franklin County, WA	96,000	205	81	2.53 <sup>x</sup>	153% Worse	2135
Six Peninsula Counties of WA	900,000	1190	756	1.57 <sup>x</sup>	57% Worse	1322
Hawaii	1,416,000	1292	1189	1.09 <sup>x</sup>	9% Better	913
WASHINGTON COUNTY, OR	602,000	492	506	.97 <sup>x</sup>	3% BETTER	817

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ADDITIONAL JURISDICTIONS - ANALYZED USING THEIR PHILADELPHIA EQUIVALENTS

JURISDICTION	POPULATION	TOTAL CV-19 DEATHS	PHILADELPHIA EQUIVALENT	PE SCORE MULTIPLIER	PE SCORE PERCENTAGE	DPM
Philadelphia, Pennsylvania	1,592,000	4910 (NYT)	4910	1.00x "The Gauge"	Better or Worse Than PE's 0%	3084
Peru	33,422,000	209110	130079	1.61 <sup>x</sup>	61% Worse	6201
Hungary	9,636,000	43066	29719	1.45 <sup>x</sup>	45% Worse	4477
Kosovo	1,810,000	3090 (JHU)	5582	.55 <sup>x</sup>	45% Better	1707
Bulgaria	6,876,000	34973	21207	1.65 <sup>x</sup>	65% Worse	5096

ADDITIONAL JURISDICTIONS - ANALYZED USING THEIR SAN FRANCISCO EQUIVALENTS

JURISDICTION	POPULATION	TOTAL CV-19 DEATHS	SAN FRANCISCO EQUIVALENT	SFE SCORE MULTIPLIER	SFE SCORE PERCENTAGE	DPM
San Francisco, California	900,000	756 (NYT)	756	1.00x "The Gauge"	Better or Worse Than SFE's 0%	840
New Zealand	5,002,000	53	4202	.01 <sup>x</sup>	99% Better	11
Australia	25,796,000	4880	21669	.23 <sup>x</sup>	77% Better	188
Singapore	5,896,000	937	4953	.19 <sup>x</sup>	81% Better	158
India	1,398,568,000	511262	1174797	.44 <sup>x</sup>	56% Better	365

SIX WASHINGTON PENINSULA COUNTIES PLUS GIG HARBOR AND THE KEY PENINSULA (TOTAL POPULATION FOR ALL IS ABOUT 900,000 PERSONS - EQUAL TO SAN FRANCISCO)

JURISDICTION OR AREA	TOTAL CV-19 DEATHS	DEATH-RATES IN DEATHS-PER-MILLION
Thurston County	360	1237
Mason County	128	1939
Kitsap County	307	1129
Clallam County	117	1519
Jefferson County	25	781
Grays Harbor County	188	2507
Gig Harbor Area	48	747
Key Peninsula Area	17	
TOTAL	1190	1322

COMBINED POP = 87K

COMBINED DEATH RATE

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BASIC DATA FOR THE UNITED STATES

*US CCDR = 6.99*

USA <i>333,000,000</i>	TOTAL CV-19 DEATHS	DEATH-RATES IN DEATHS-PER-MILLION	7-DAY AVERAGE FOR LAST WEEK OF DEATHS-PER-DAY
CUMULATIVE THIS WEEK	<i>958300</i>	<i>2878 DPM</i>	<i>2328 (BACK FROM 2/18)</i>
MINUS LAST WEEK'S TOTAL	<i>942006</i>	<i>2819 DPM</i>	<i>2491 (BACK FROM 2/11)</i>
EQUALS THE NET CHANGE	<i>+16294</i>	<i>+59 DPM</i>	<i>-163 DPD</i>

BASIC DATA FOR CANADA

*CAN CCDR = 2.35*

CANADA <i>38,000,000</i>	TOTAL CV-19 DEATHS	DEATH-RATES IN DEATHS-PER-MILLION	7-DAY AVERAGE FOR LAST WEEK OF DEATHS-PER-DAY
CUMULATIVE THIS WEEK	<i>35995</i>	<i>947 DPM</i>	<i>89 (BACK FROM 2/18)</i>
MINUS LAST WEEK'S TOTAL	<i>35371</i>	<i>924 DPM</i>	<i>119 (BACK FROM 2/11)</i>
EQUALS THE NET CHANGE	<i>+624</i>	<i>+23 DPM</i>	<i>-30 DPD</i>

THE "EURO-SWATH"

Seven-day moving averages of daily CV-19 deaths in the seven European nations first hit by the much more deadly Italian Variant of Covid-19 looking back from 2/18/2022.

NATIONS	7-DAY MOVING AVERAGE OF COVID-19 DEATHS-PER-DAY
ITALY	<i>292</i>
SPAIN	<i>286</i>
FRANCE	<i>273</i>
BELGIUM	<i>46</i>
NETHERLANDS	<i>13</i>
UNITED KINGDOM*	<i>146</i>
IRELAND**	<i>11</i>

\* ~~Six months ago~~ the UK averaged 1,248 deaths-per-day for the week ending 1/23/2021  
Reduction from then to now has been \_\_\_\_\_ percent.

\*\* Ireland's current DPDs are down \_\_\_\_\_ percent from its recent high of 60 deaths-per-day for the week ending 2/4/2021.

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**CURRENT COVID DAILY DEATH RATES FOR SELECTED AMERICAN JURISDICTIONS**

(In average Covid-19 deaths per day per million residents for the previous seven days.)

Data via Worldometers.info unless otherwise noted, CCDDR calculations by author.

JURISDICTION	POPULATION	TOTAL CV-19 DEATHS 2/12	TOTAL CV-19 DEATHS 2/19	CV-19 DEATHS FOR WEEK	INCREASE FOR WEEK	CCDDR
United States of America	333,000,000	942006	958300	16294	+1.72%	6.99
New York City (all boroughs)	8,442,000	39255	39553	298	+ .76%	5.04
Brooklyn	2,600,000	12512	12614	105	+ .84%	5.77
Queens	2,297,000	11603	11668	65	+ .56%	4.04
Bronx	1,440,000	7598	7646	48	+ .63%	4.76
Manhattan	1,630,000	5310	5356	46	+ .86%	4.03
Staten Island	475,000	2232	2266	34	+1.52%	10.23
Philadelphia (City & County)	1,592,000	4868	4910	46	+ .94%	3.77
San Francisco (City & County)	900,000	748	756	8	+1.07%	1.27
Los Angeles County, CA	10,079,000	29764	30216	452	+1.52%	6.41
King County (Seattle, WA)	2,204,000	2467	2526	59	+2.39%	3.82
Multnomah Cty (Portland, OR)	813,000	1009	1018	9	+ .89%	1.58
Washington Cty (Hillsboro, OR)	602,000	486	492	6	+1.23%	1.42
Hawaii	1,416,000	1247	1292	45	+3.61%	4.54

**CURRENT COVID DAILY DEATH RATES FOR SELECTED U.S. WINTER VACATION DESTINATIONS**

\*Looking back from 2/21/2022. New York Times data via Google. CCDDR calculations by author.

JURISDICTION	POPULATION	AVERAGE DAILY CV-19 DEATHS FOR THE PREVIOUS WEEK	CCDDR	NOTES
Coachella Valley (California)	379,000	14/8 DAYS (HOLIDAY) (Data via The Desert Sun newspaper)	4.62	Includes Palm Springs & Palm Desert, CA etc.
San Diego County (California)	3,350,000	11 DPB	3.28	Includes San Diego, CA
Travis County (Texas)	1,275,000	3 DPB	2.35	Includes Austin, TX
Bexar County (Texas)	2,000,000	12 DPB	6.00	Includes San Antonio, TX
Maricopa County (Arizona)	4,650,000	44 DPB	9.46	Includes Phoenix, AZ
Pima County (Arizona)	1,070,000	10 DPB	9.35	Includes Tucson, AZ
Miami/Dade County (Florida)	2,750,000	23 DPB	8.36	Includes Miami, FL

\* SINCE 2/21/22 WAS "PRESIDENTS DAY" A HOLIDAY WITH NO DEATHS REPORTED, I SWITCHED TO 2/22/22 AS THE BEGINNING OF THE PREVIOUS WEEK (LOOKING BACK FROM THERE!).

# COVID-19 DEATHS & DEATH-RATES IN WASHINGTON STATE COUNTIES

MEASURED IN DEATHS-PER-MILLION, ALPHABETICAL LIST AS OF 12 FEBRUARY 2022

WASHINGTON STATE DEATHS TO DATE = 11,397, AND STATE DPMs TO DATE = 1,497

11706 (+309)

1537 (+40)

STATE CV-19 DEATH TOTAL AND COUNTY DEATH TOTALS VIA NEW YORK TIMES (KITTITAS COUNTY VIA COUNTY HEALTH SITE); ALL DEATH-RATE CALCULATIONS BY AUTHOR, ©2022 MARK WARNS

Name of County	Population Rounded to 1,000s	Total Covid-19 Deaths	Deaths Per Million Persons	Name of County	Population Rounded to 1,000s	Total Covid-19 Deaths	Deaths Per Million Persons
Adams +0	20,000	36	1,800	Lewis +8	80,000	<del>215</del> 223	<del>2,688</del> 2788
Asotin +0	23,000	58	2,522	Lincoln +0	11,000	27	2,455
Benton +9	206,000	<del>432</del> 441	<del>2,097</del> 2141	Mason +2	66,000	<del>126</del> 128	<del>1,909</del> 1939
Chelan +4	80,000	<del>147</del> 151	<del>1,836</del> 1888	Okanogan +0	43,000	114	2,651
Clallam +3	77,000	<del>114</del> 117	<del>1,481</del> 1519	Pacific +3	22,000	<del>47</del> 50	<del>2,136</del> 2273
Clark +16	499,000	<del>718</del> 734	<del>1,439</del> 1471	Pend Oreille +0	14,000	30	2,143
Columbia +2	4,000	<del>13</del> 15	<del>3,250*</del> 3750*	Pierce +44	901,000	<del>1,230</del> 1274	<del>1,365</del> 1414
Cowlitz +11	111,000	<del>314</del> 325	<del>2,829</del> 2928	San Juan +0	17,000	1	59
Douglas +4	44,000	<del>61</del> 65	<del>1,386</del> 1477	Skagit +5	130,000	<del>178</del> 183	<del>1,369</del> 1408
Ferry +4	8,000	<del>23</del> 27	<del>2,875*</del> 3375*	Skamania +0	12,000	10	833
Franklin +5	97,000	<del>200</del> 205	<del>2,062</del> 2113	Snohomish +35	831,000	<del>999</del> 1034	<del>1,202</del> 1244
Garfield +0	2,000	7	3,500*	Spokane +27	523,000	<del>1,258</del> 1285	<del>2,405</del> 2455
Grant +10	100,000	<del>236</del> 246	<del>2,360</del> 2460	Stevens +2	46,000	<del>127</del> 129	<del>2,761</del> 2804
Grays Harbor +5	75,000	<del>183</del> 188	<del>2,440</del> 2507	Thurston +12	291,000	<del>348</del> 360	<del>1,196</del> 1237
Island +2	86,000	<del>64</del> 66	<del>744</del> 767	Wahkiacum +0	4,000	5	1,250*
Jefferson +1	32,000	<del>24</del> 25	<del>750</del> 781	Walla Walla +4	63,000	<del>125</del> 129	<del>1,984</del> 2048
King +59	2,261,000	<del>2,467</del> 2526	<del>1,091</del> 1117	Whatcom +8	228,000	<del>252</del> 260	<del>1,105</del> 1140
Kitsap +4	272,000	<del>303</del> 307	<del>1,114</del> 1129	Whitman +0	50,000	88	1,760
Kittitas -2	48,000	<del>60</del> 58	<del>1,250</del> 1208	Yakima +17	258,000	<del>720</del> 737	<del>2,791</del> 2857
Klickitat +3	23,000	<del>39</del> 42	<del>1,696</del> 1826				

\* Death-rates skewed by especially small county populations.

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Counties with no increase in CV-19 deaths this week.  
Counties with CV-19 death-rates  $\leq$  San Francisco's 840

**COVID-19 DEATHS & DEATH-RATES IN WASHINGTON STATE COUNTIES  
MEASURED IN DEATHS-PER-MILLION, ALPHABETICAL LIST AS OF 19 FEBRUARY 2022  
WASHINGTON STATE DEATHS TO DATE = 11,706, AND STATE DPMs TO DATE = 1,537**

STATE CV-19 DEATH TOTAL AND COUNTY DEATH TOTALS VIA NEW YORK TIMES,  
ALL DEATH-RATE CALCULATIONS BY AUTHOR, ©2022 MARK WARNS

<b>Name of County</b>	<b>Population Rounded to 1,000s</b>	<b>Total Covid-19 Deaths</b>	<b>Deaths Per Million Persons</b>	<b>Name of County</b>	<b>Population Rounded to 1,000s</b>	<b>Total Covid-19 Deaths</b>	<b>Deaths Per Million Persons</b>
<b>Adams</b>	20,000	36	1,800	<b>Lewis</b>	80,000	223	2,788
<b>Asotin</b>	23,000	58	2,522	<b>Lincoln</b>	11,000	27	2,455
<b>Benton</b>	206,000	441	2,141	<b>Mason</b>	66,000	128	1,939
<b>Chelan</b>	80,000	151	1,888	<b>Okanogan</b>	43,000	114	2,651
<b>Clallam</b>	77,000	117	1,519	<b>Pacific</b>	22,000	50	2,273
<b>Clark</b>	499,000	734	1,471	<b>Pend Oreille</b>	14,000	30	2,143
<b>Columbia</b>	4,000	15	3,750*	<b>Pierce</b>	901,000	1,274	1,414
<b>Cowlitz</b>	111,000	325	2,928	<b>San Juan</b>	17,000	1	59
<b>Douglas</b>	44,000	65	1,477	<b>Skagit</b>	130,000	183	1,408
<b>Ferry</b>	8,000	27	3,375*	<b>Skamania</b>	12,000	10	833
<b>Franklin</b>	97,000	205	2,113	<b>Snohomish</b>	831,000	1,034	1,244
<b>Garfield</b>	2,000	7	3,500*	<b>Spokane</b>	523,000	1,285	2,455
<b>Grant</b>	100,000	246	2,460	<b>Stevens</b>	46,000	129	2,804
<b>Grays Harbor</b>	75,000	188	2,507	<b>Thurston</b>	291,000	360	1,237
<b>Island</b>	86,000	66	767	<b>Wahkiacum</b>	4,000	5	1,250*
<b>Jefferson</b>	32,000	25	781	<b>Walla Walla</b>	63,000	129	2,048
<b>King</b>	2,261,000	2,526	1,117	<b>Whatcom</b>	228,000	260	1,140
<b>Kitsap</b>	272,000	307	1,129	<b>Whitman</b>	50,000	88	1,760
<b>Kittitas</b>	48,000	58	1,208	<b>Yakima</b>	258,000	737	2,857
<b>Klickitat</b>	23,000	42	1,826				

\* Death-rates skewed by especially small county populations.

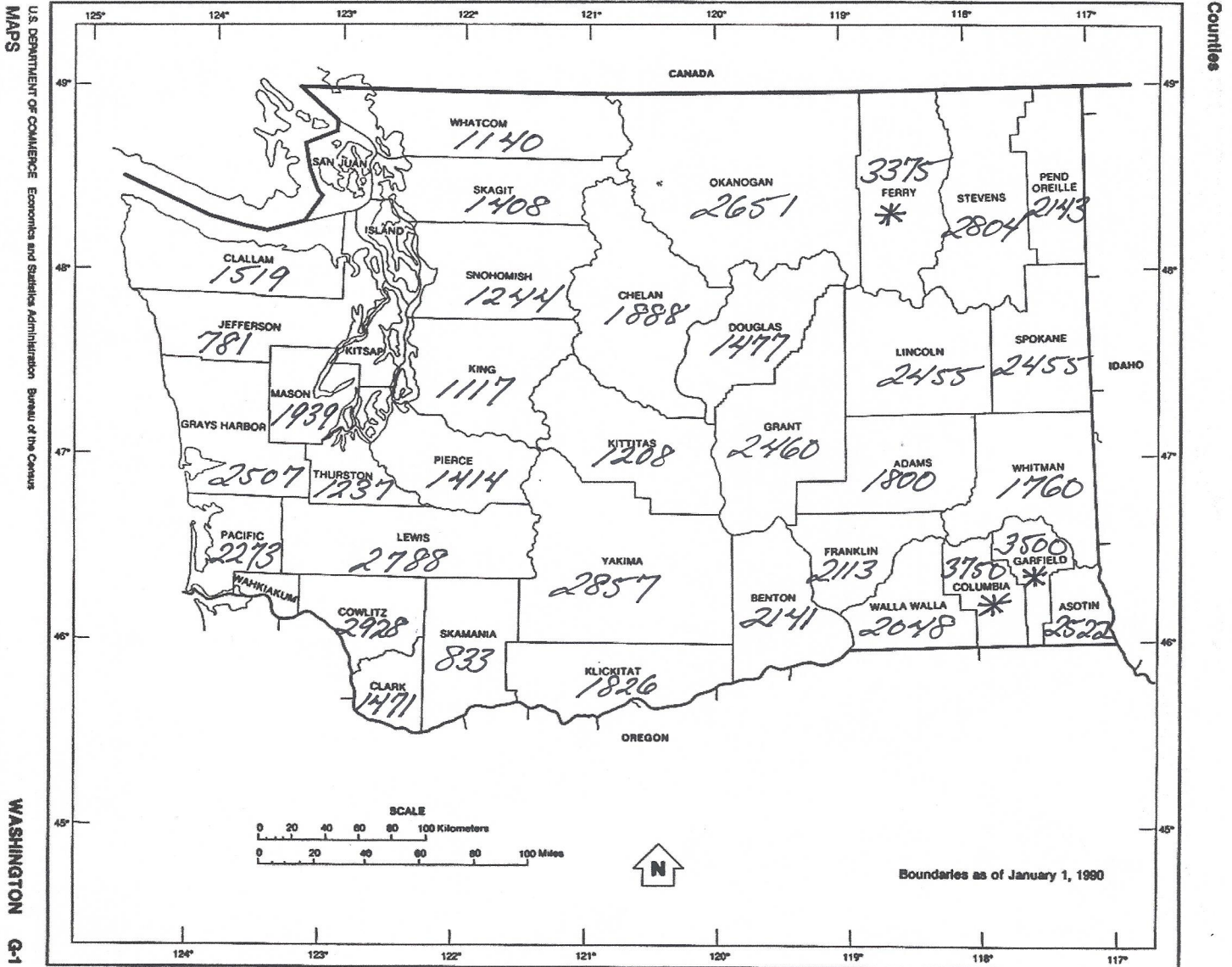


# COVID-19 DEATH-RATES IN DEATHS-PER-MILLION RESIDENTS IN WASHINGTON STATE BY COUNTIES AS OF 19 FEBRUARY 2022

TOTAL WASHINGTON STATE DEATHS TO DATE = 309 ; AND DPMs TO DATE = 1537

{CURRENT US COVID-19 DEATH-RATE (2878 DPMs) IS 1.87 TIMES HIGHER THAN WA's}

STATE DEATH TOTAL AND DPM CALCULATION VIA WORLDMETERS.INFO, COUNTY DEATHS VIA  
NEW YORK TIMES, COUNTY DPM CALCULATIONS BY AUTHOR, ©2022 MARK WARNS



## DPM TOTALS FOR THE FOUR COUNTIES OBSCURED BY THE MAP:

SAN JUAN COUNTY = 59

ISLAND COUNTY = 767

KITSAP COUNTY = 1129

WAHKIACUM COUNTY = 1250\*

ALTHOUGH COLUMBIA, FERRY, GARFIELD, AND WAHKIACUM COUNTIES HAVE EACH HAD VERY FEW CV-19 DEATHS TO DATE, THEIR DPMs ARE ELEVATED DUE TO THEIR SMALL POPULATIONS. SEE THE WASHINGTON COUNTIES "ALPHA LIST" FOR DEATH TOTALS AND POPULATIONS.

**CURRENT COVID-19 DAILY DEATH RATES FOR WASHINGTON STATE**  
**IN DEATHS-PER-MILLION PERSONS PER DAY FOR THE WEEK ENDING FEBRUARY 19, 2022**  
**(CURRENT US DAILY COVID-19 DEATH RATE PER MILLION PERSONS = 6.99)**  
**STATE CV-19 DEATH TOTAL VIA WORLDMETERS AND COUNTY TOTALS VIA NEW YORK TIMES;**  
**ALL CURRENT DAILY DEATH-RATE CALCULATIONS BY AUTHOR, ©2022 MARK WARNS**

Name of State or County	Population Rounded to 1,000s	Covid-19 Deaths for the Week	Current Daily Death Rate	Name of County	Population Rounded to 1,000s	Covid-19 Deaths for the Week	Current Daily Death Rate
Washington State Totals	7,615,000	309	5.80	Klickitat	23,000	3	18.63
Adams	20,000	0	0	Lewis	80,000	8	14.29
Asotin	23,000	0	0	Lincoln	11,000	0	0
Benton	206,000	9	6.24	Mason	66,000	2	4.33
Chelan	80,000	4	7.14	Okanogan	43,000	0	0
Clallam	77,000	3	5.57	Pacific	22,000	3	19.48
Clark	499,000	16	4.58	Pend Oreille	14,000	0	0
Columbia	4,000	2	71.43*	Pierce	901,000	44	6.98
Cowlitz	111,000	11	14.16	San Juan	17,000	0	0
Douglas	44,000	4	12.99	Skagit	130,000	5	5.49
Ferry	8,000	4	71.43*	Skamania	12,000	0	0
Franklin	97,000	5	7.36	Snohomish	831,000	35	6.02
Garfield	2,000	0	0	Spokane	523,000	27	7.38
Grant	100,000	10	14.29	Stevens	46,000	2	6.21
Grays Harbor	75,000	5	9.52	Thurston	291,000	12	5.89
Island	86,000	2	3.32	Wahkiacum	4,000	0	0
Jefferson	32,000	1	4.46	Walla Walla	63,000	4	9.07
King	2,261,000	59	3.73	Whatcom	228,000	8	5.01
Kitsap	272,000	4	2.10	Whitman	50,000	0	0
Kittitas (-2)	48,000	0	0	Yakima	258,000	17	9.41

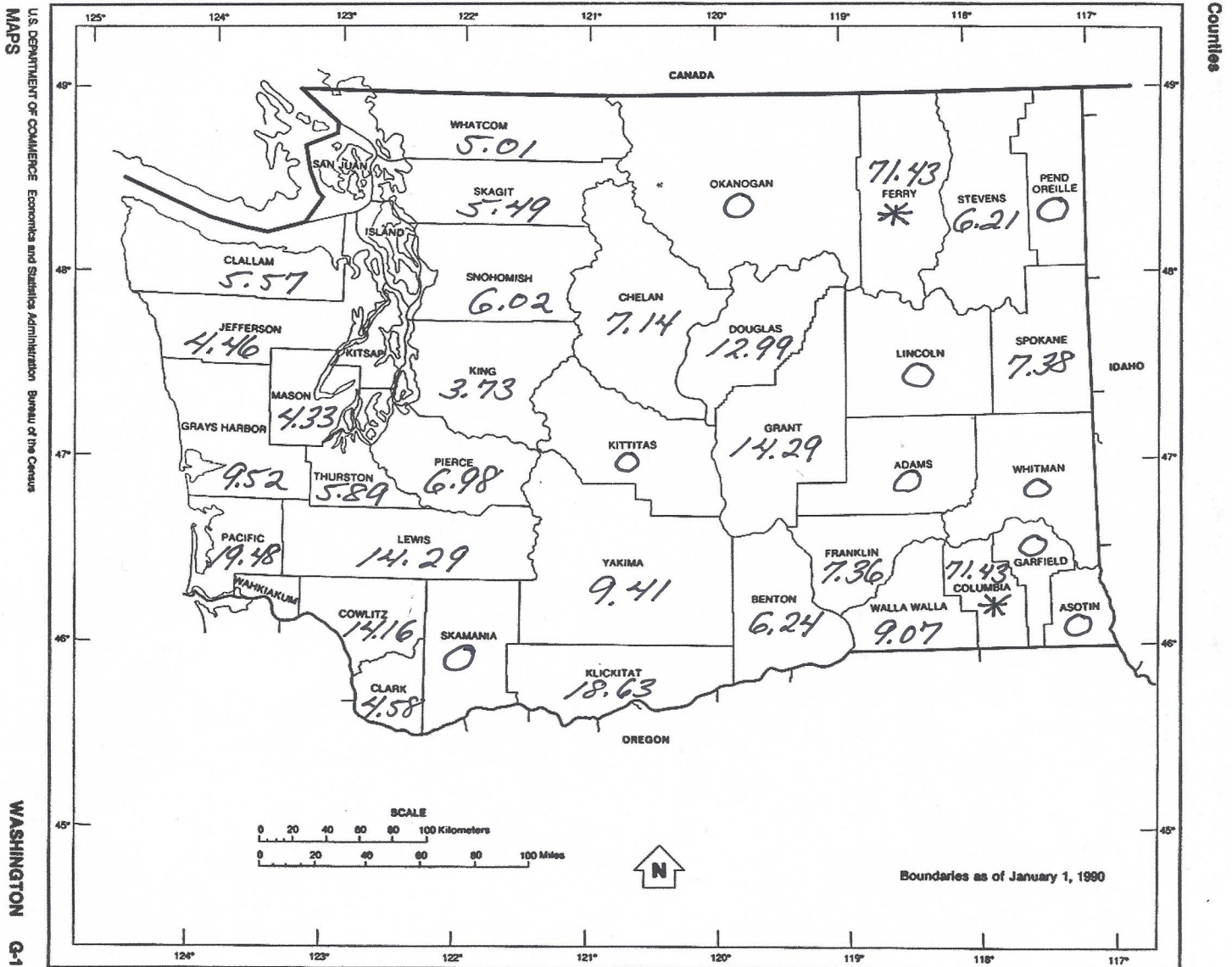
\* CCDDRs skewed by especially small county populations. See current Covid-19 death-rate alpha list & graph.

# CURRENT COVID-19 DAILY DEATH-RATES IN WASHINGTON STATE STATEWIDE & BY COUNTIES FOR THE WEEK ENDING FEBRUARY 19, 2022 IN DEATHS-PER-MILLION PERSONS PER DAY FOR THE PREVIOUS WEEK

TOTAL WASHINGTON STATE DEATHS THAT WEEK = 309, AND CCDDR = 5.80.

{CURRENT US CCDDR OF 6.99 IS 1.21 TIMES HIGHER THAN WASHINGTON'S}

STATE DEATH TOTAL VIA WORLDMETERS.INFO, COUNTY DEATH TOTALS VIA NEW YORK TIMES, AND ALL CCDDR CALCULATIONS BY AUTHOR, ©2022 MARK WARNS



DPM TOTALS FOR THE FOUR COUNTIES OBSCURED BY THE MAP:

SAN JUAN COUNTY = 0

ISLAND COUNTY = 3.32

KITSAP COUNTY = 2.10

WAHKIACUM COUNTY = 0

\* SMALL INCREASES IN WEEKLY CV-19 DEATHS CAN RESULT IN LARGE CCDDR INCREASES IN COUNTIES WITH VERY SMALL POPULATIONS. SEE "ALPHA LIST" FOR POPULATIONS.

US COVID-19 DEATH-RATES BY STATES ON 2/19/2022  
 (IN DEATHS-PER-MILLION RESIDENTS /DPM)  
 CURRENT US NATIONAL C.V.-19 DEATH-RATE = 2878 DPM



STATES WITH DEATH-RATES UNDER 1000 DPM:  
 HAWAII = 913  
 VERMONT = 934

MAP © 2022 MARK WARREN  
 DATA VIA EPIDEMIOLOGISTS. LIVE

CUMULATIVE COVID-19 DEATHS PER MILLION RESIDENTS IN EUROPEAN JURISDICTIONS ON 2/19/2022

# Europe



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DPM DATA VIA WORLDOMETERS.INFO EXCEPT FOR THE PROVINCE OF KOSOVO AND THE KALININGRAD OBLAST OF RUSSIA

(CURRENT JHU CSSE COVID-19 DEATH DATA WITH DPM CALCULATIONS BY THE AUTHOR); © 2022 MARK WARNS