

ANALYSIS OF COVID-19 DEATH TOTALS AS OF SATURDAY, 12 MARCH 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	5018	5018	1.00x "The Gauge"	Better or Worse Than PE's 0%	3152
Pennsylvania	12,700,000	43810	40031	1.09 <sup>x</sup>	9 % Better 9 % WORSE	3422
Rhode Island	1,000,000	3421	3152	1.09 <sup>x</sup>	9 % Worse	3229
Connecticut	3,700,000	10615	11662	.91 <sup>x</sup>	9 % Better	2977
Massachusetts	6,700,000	23751	21118	1.12 <sup>x</sup>	12 % Worse	3446
New Jersey	9,200,000	33087	28998	1.06 <sup>x</sup>	6 % Worse	3725
New York State	19,500,000	68165	61464	1.11 <sup>x</sup>	11 % Worse	3504
New York City (all boroughs)	8,442,000	39924	26609	1.50 <sup>x</sup>	50 % Worse	4729
Brooklyn	2,600,000	12739	8195	1.55 <sup>x</sup>	55 % Worse	4900
Queens	2,297,000	11783	7240	1.63 <sup>x</sup>	63 % Worse	5730
Bronx	1,440,000	7702	4539	1.70 <sup>x</sup>	70 % Worse	5349
Manhattan	1,630,000	5410	5138	1.05 <sup>x</sup>	5 % Worse	3319
Staten Island	475,000	2290	1497	1.53 <sup>x</sup>	53 % Worse	4821

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

Ireland	4,938,000	6611	15565	.42 <sup>x</sup>	58 % Better	1314
Netherlands	17,135,000	21699	54010	.40 <sup>x</sup>	60 % Better	1262
France	65,274,000	140029	205744	.68 <sup>x</sup>	32 % Better	2137
Italy	60,462,000	156782	190577	.82 <sup>x</sup>	18 % Better	2600
United Kingdom	67,886,000	162738	213977	.76 <sup>x</sup>	24 % Better	2376
Spain	46,755,000	101135	147372	.69 <sup>x</sup>	31 % Better	2162
Belgium	11,590,000	30408	36532	.83 <sup>x</sup>	17 % Better	2605

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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	5018	5018	1.00x "The Gauge"	Better or Worse Than PE's 0%	3152
Portugal	10,197,000	21285	32141	.66 <sup>x</sup>	34% Better	2098
Austria	9,023,000	15180	28441	.53 <sup>x</sup>	47% Better	1669
Slovenia	2,079,000	6404	6553	.98 <sup>x</sup>	2% Better	3080
Germany	83,784,000	126065	264088	.48 <sup>x</sup>	52% Better	1497
Luxembourg	628,000	1004	1979	.51 <sup>x</sup>	49% Better	1561
Switzerland	8,655,000	13366	27281	.49 <sup>x</sup>	51% Better	1526

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	79	1147	.07 <sup>x</sup>	93% Better	229
Denmark	5,792,000	5128	18256	.28 <sup>x</sup>	72% Better	880
Norway	5,415,000	1753	17068	.10 <sup>x</sup>	90% Better	319
Sweden *(See Text Note)	10,090,000	17765	31804	.56 <sup>x</sup>	44% Better	1741
Finland	5,541,000	2653	17465	.15 <sup>x</sup>	85% Better	478
Estonia	1,327,000	2346	4183	.56 <sup>x</sup>	44% Better	1767
Latvia	1,879,000	5434	5923	.92 <sup>x</sup>	8% Better	2936
Lithuania	2,709,000	8624	8539	1.01 <sup>x</sup>	1% Worse	3244
Kaliningrad, Russia	995,000	1678	3136	.54 <sup>x</sup>	46% Better	1670
Poland	37,833,000	113434	119250	.95 <sup>x</sup>	5% Better	3003
Czechia	10,716,000	39126	33777	1.16 <sup>x</sup>	16% Worse	3642
Slovakia	5,461,000	18881	17213	1.10 <sup>x</sup>	10% Worse	3455

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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	823	823	1.00x "The Gauge"	Better or Worse Than SFE's 0%	914
Mainland China (All Provinces)	1,438,510,000	4,636 ✓	1315437	.004 <sup>x</sup>	99.6% Better	3 ✓
Hubei Province China	58,500,000	4,512 (97.3% of PRC) ✓	53495	.08 <sup>x</sup>	92% Better	77 ✓
Beijing Province China	20,463,000	9 ✓	18712	.0005 <sup>x</sup>	99.95% Better	.44 ✓
Taiwan, China (Distinct Data)	23,842,000	853	21802	.04 <sup>x</sup>	96% Better	36
South Korea	51,262,000	10144	46876	.22 <sup>x</sup>	78% Better	198
Japan	126,476,000	25860	115655	.22 <sup>x</sup>	78% Better	206
Iran	82,914,000	138831	75820	1.83 <sup>x</sup>	83% Worse	1618
Russian Federation	145,934,000	360215	133449	2.70 <sup>x</sup>	170% Worse	2467

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

Oregon	4,220,000	6869	3859	1.78 <sup>x</sup>	78% Worse	1629
Multnomah County, OR	813,000	1098	743	1.48 <sup>x</sup>	48% Worse	1350
California	40,000,000	87397	36578	2.39 <sup>x</sup>	139% Worse	2212
Los Angeles County, CA	10,079,000	31225	9217	3.39 <sup>x</sup>	239% Worse	3098
Washington State	7,615,000	12183	6963	1.75 <sup>x</sup>	75% Worse	1600
King County, WA	2,204,000	2631	2015	1.31 <sup>x</sup>	31% Worse	1194
Snohomish County, WA	822,000	1077	752	1.43 <sup>x</sup>	43% Worse	1310
Pierce County, WA	905,000	1349	828	1.63 <sup>x</sup>	63% Worse	1491
Yakima County, WA	251,000	758	230	3.30 <sup>x</sup>	230% Worse	3020
Benton County, WA	205,000	460	187	2.46 <sup>x</sup>	146% Worse	2244
Franklin County, WA	96,000	211	88	2.40 <sup>x</sup>	140% Worse	2198
Six Peninsula Counties of WA	900,000	1271	823	1.54 <sup>x</sup>	54% <del>Better</del> WORSE	1412
Hawaii	1,416,000	1354	1295	1.05 <sup>x</sup>	5% <del>Better</del> WORSE	956
WASHINGTON COUNTY, OR	602,000	531	550	.97 <sup>x</sup>	3% BETTER	882

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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	5018	5018	1.00x "The Gauge"	Better or Worse Than PE's 0%	3152
Peru	33,422,000	211423	105346	2.01 <sup>x</sup>	101% Worse	6265
Hungary	9,636,000	44653	30373	1.47 <sup>x</sup>	47% Worse	4642
Kosovo	1,810,000	3124	5705	.55 <sup>x</sup>	45% Better	1726
Bulgaria	6,876,000	36069	21683	1.66 <sup>x</sup>	66% Worse	5258

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	823	823	1.00x "The Gauge"	Better or Worse Than SFE's 0%	914
New Zealand	5,002,000	93	4574	.02 <sup>x</sup>	98% Better	19
Australia	25,796,000	5571	23589	.24 <sup>x</sup>	76% Better	214
Singapore	5,896,000	1129	5392	.21 <sup>x</sup>	79% Better	190
India	1,398,568,000	515833	1278913	.40 <sup>x</sup>	60% Better	368

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	390	1340
Mason County	133	2015
Kitsap County	327	1202
Clallam County	128	1062
Jefferson County	28	875
Grays Harbor County	195	2600
Gig Harbor Area	51	805
Key Peninsula Area	19	~
TOTAL	1271	1412

COMBINED POPULATION 87,000

COMBINED DEATH RATE

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BASIC DATA FOR THE UNITED STATES

CURRENT COVID DAILY DEATH RATE PER MILLION FOR THE PAST WEEK = 4.10

USA POP = 333,000,000	TOTAL CV-19 DEATHS	DEATH-RATES IN DEATHS-PER-MILLION	7-DAY AVERAGE FOR LAST WEEK OF DEATHS-PER-DAY
CUMULATIVE THIS WEEK	993044	2971 DPM	1365 DPD
MINUS LAST WEEK'S TOTAL	983486	2953 DPM	1612 DPD
EQUALS THE NET CHANGE	+9558	+18 DPM	-247 DPD

BASIC DATA FOR CANADA

CURRENT COVID DAILY DEATH RATE PER MILLION FOR THE PAST WEEK = \*

CANADA POP = 38,000,000	TOTAL CV-19 DEATHS	DEATH-RATES IN DEATHS-PER-MILLION	7-DAY AVERAGE FOR LAST WEEK OF DEATHS-PER-DAY
CUMULATIVE THIS WEEK	36855	962 *	* *
MINUS LAST WEEK'S TOTAL	36905	971	*
EQUALS THE NET CHANGE	-50*	-9 *	* *

\* QUESTIONABLE DATA

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 3/11/2022.

NATIONS	7-DAY MOVING AVERAGE OF COVID-19 DEATHS-PER-DAY
ITALY	149
SPAIN	100
FRANCE	130
BELGIUM	20
NETHERLANDS	13
UNITED KINGDOM*	105
IRELAND**	12

\* ~~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 3/5	TOTAL CV-19 DEATHS 3/12	CV-19 DEATHS FOR WEEK	% INCREASE FOR WEEK	CCDDR
United States of America	333,000,000	983486	993044	9558	.97%	4.10
New York City (all boroughs)	8,442,000	39875	39924	49	.12%	.83
Brooklyn	2,600,000	12721	12739	18	.14%	.99
Queens	2,297,000	11767	11783	16	.14%	1.00
Bronx	1,440,000	7696	7702	6	.08%	.60
Manhattan	1,630,000	5407	5410	3	.06%	.26
Staten Island	475,000	2284	2290	6	.26%	1.80
Philadelphia (City & County)	1,592,000	4998	5018	20	.40%	1.79
San Francisco (City & County)	900,000	798	823	25	3.13%	3.97
Los Angeles County, CA	10,079,000	30957	31225	268	8.66%	3.80
King County (Seattle, WA)	2,204,000	2593	2631	38	1.47%	2.46
Multnomah Cty (Portland, OR)	813,000	1062	1098	36	3.39%	6.33
Washington Cty (Hillsboro, OR)	602,000	511	531	20	3.91%	4.75
Hawaii	1,416,000	1348	1354	6	.45%	.61

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

Looking back from 3/14/2022. New York Times data via Google. CCDDR calculations by author.

JURISDICTION	POPULATION	AVERAGE DAILY CV-19 DEATHS FOR THE PREVIOUS WEEK	CCDDR	NOTES
<del>Coachella Valley (California)*</del>	<del>379,000</del> 2,500,000	* DATA FOR RIVERSIDE COUNTY (Data via The Desert Sun newspaper)	3.20	Includes Palm Springs & Palm Desert, CA etc.
San Diego County (California)	3,350,000	6	1.79	Includes San Diego, CA
Travis County (Texas)	1,275,000	2	1.57	Includes Austin, TX
Bexar County (Texas)	2,000,000	6	3.00	Includes San Antonio, TX
Maricopa County (Arizona)	4,650,000	13	2.80	Includes Phoenix, AZ
Pima County (Arizona)	1,070,000	2	1.87	Includes Tucson, AZ
Miami/Dade County (Florida)	2,750,000	17	6.18	Includes Miami, FL

\* COACHELLA VALLEY DATA UNAVAILABLE THIS WEEK.

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

MEASURED IN DEATHS-PER-MILLION, ALPHABETICAL LIST AS OF <sup>12</sup>5 MARCH 2022

WASHINGTON STATE DEATHS TO DATE = ~~12,098~~ <sup>12,263</sup> AND STATE DPMs TO DATE = ~~1,589~~ <sup>1,610</sup>

STATE CV-19 DEATH TOTAL AND COUNTY DEATH TOTALS VIA NEW YORK TIMES,  
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	38	1,900	Lewis +6	80,000	<del>231</del> 237	<del>2,888</del> 2,963
Asotin +1	23,000	<del>64</del> 65	<del>2,783</del> 2,826	Lincoln 0	11,000	27	2,455
Benton +3	206,000	<del>457</del> 460	<del>2,218</del> 2,233	Mason +4	66,000	<del>129</del> 133	<del>1,955</del> 2,015
Chelan +1	80,000	<del>156</del> 157	<del>1,950</del> 1,963	Okanogan +2	43,000	<del>117</del> 119	<del>2,721</del> 2,767
Clallam +1	77,000	<del>127</del> 128	<del>1,649</del> 1,662	Pacific 0	22,000	54	2,455
Clark +12	499,000	<del>759</del> 771	<del>1,521</del> 1,545	Pend Oreille +3	14,000	<del>32</del> 35	<del>2,286</del> 2,500
Columbia 0	4,000	15	3,750*	Pierce +21	901,000	<del>1,328</del> 1,349	<del>1,474</del> 1,497
Cowlitz 0(1)	111,000	<del>339</del> 338	<del>3,054</del> 3,045	San Juan 0	17,000	2	118
Douglas +2	44,000	<del>65</del> 67	<del>1,477</del> 1,523	Skagit +3	130,000	<del>188</del> 191	<del>1,446</del> 1,469
Ferry 0	8,000	28	3,500*	Skamania +1	12,000	<del>11</del> 12	<del>917</del> 1,000
Franklin +3	97,000	<del>208</del> 211	<del>2,144</del> 2,175	Snohomish +12	831,000	<del>1,065</del> 1,077	<del>1,282</del> 1,296
Garfield 0	2,000	7	3,500*	Spokane +12	523,000	<del>1,320</del> 1,332	<del>2,524</del> 2,547
Grant +4	100,000	<del>249</del> 253	<del>2,490</del> 2,530	Stevens +2	46,000	<del>139</del> 141	<del>3,022</del> 3,065
Grays Harbor +2	75,000	<del>193</del> 195	<del>2,573</del> 2,600	Thurston +9	291,000	<del>381</del> 390	<del>1,309</del> 1,340
Island +1	86,000	<del>70</del> 71	<del>814</del> 826	Wahkiacum 0	4,000	6	1,500*
Jefferson 0	32,000	28	875	Walla Walla +3	63,000	<del>137</del> 140	<del>2,175</del> 2,222
King +38	2,261,000	<del>2,593</del> 2,631	<del>1,147</del> 1,164	Whatcom +8	228,000	<del>271</del> 279	<del>1,189</del> 1,224
Kitsap +6	272,000	<del>321</del> 327	<del>1,180</del> 1,202	Whitman 0	50,000	90	1,800
Kittitas 0	48,000	58	1,208	Yakima +6	258,000	<del>752</del> 758	<del>2,915</del> 2,938
Klickitat 0	23,000	43	1,870				

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

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COUNTIES WITH NO INCREASE IN DEATHS THIS WEEK  
COUNTIES WITH CV-19 DEATH RATES ≤ SAN FRANCISCO'S 914

**COVID-19 DEATHS & DEATH-RATES IN WASHINGTON STATE COUNTIES  
 MEASURED IN DEATHS-PER-MILLION, ALPHABETICAL LIST AS OF 12 MARCH 2022  
 WASHINGTON STATE DEATHS TO DATE = 12,263 AND STATE DPMs TO DATE = 1,610**

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	38	1,900	<b>Lewis</b>	80,000	237	2,963
<b>Asotin</b>	23,000	65	2,826	<b>Lincoln</b>	11,000	27	2,455
<b>Benton</b>	206,000	460	2,233	<b>Mason</b>	66,000	133	2,015
<b>Chelan</b>	80,000	157	1,963	<b>Okanogan</b>	43,000	119	2,767
<b>Clallam</b>	77,000	128	1,662	<b>Pacific</b>	22,000	54	2,455
<b>Clark</b>	499,000	771	1,545	<b>Pend Oreille</b>	14,000	35	2,500
<b>Columbia</b>	4,000	15	3,750*	<b>Pierce</b>	901,000	1,349	1,497
<b>Cowlitz</b>	111,000	338	3,045	<b>San Juan</b>	17,000	2	118
<b>Douglas</b>	44,000	67	1,523	<b>Skagit</b>	130,000	191	1,469
<b>Ferry</b>	8,000	28	3,500*	<b>Skamania</b>	12,000	12	1,000
<b>Franklin</b>	97,000	211	2,175	<b>Snohomish</b>	831,000	1,077	1,296
<b>Garfield</b>	2,000	7	3,500*	<b>Spokane</b>	523,000	1,332	2,547
<b>Grant</b>	100,000	253	2,530	<b>Stevens</b>	46,000	141	3,065
<b>Grays Harbor</b>	75,000	195	2,600	<b>Thurston</b>	291,000	390	1,340
<b>Island</b>	86,000	71	826	<b>Wahkiacum</b>	4,000	6	1,500*
<b>Jefferson</b>	32,000	28	875	<b>Walla Walla</b>	63,000	140	2,222
<b>King</b>	2,261,000	2,631	1,164	<b>Whatcom</b>	228,000	279	1,224
<b>Kitsap</b>	272,000	327	1,202	<b>Whitman</b>	50,000	90	1,800
<b>Kittitas</b>	48,000	58	1,208	<b>Yakima</b>	258,000	758	2,938
<b>Klickitat</b>	23,000	43	1,870				

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

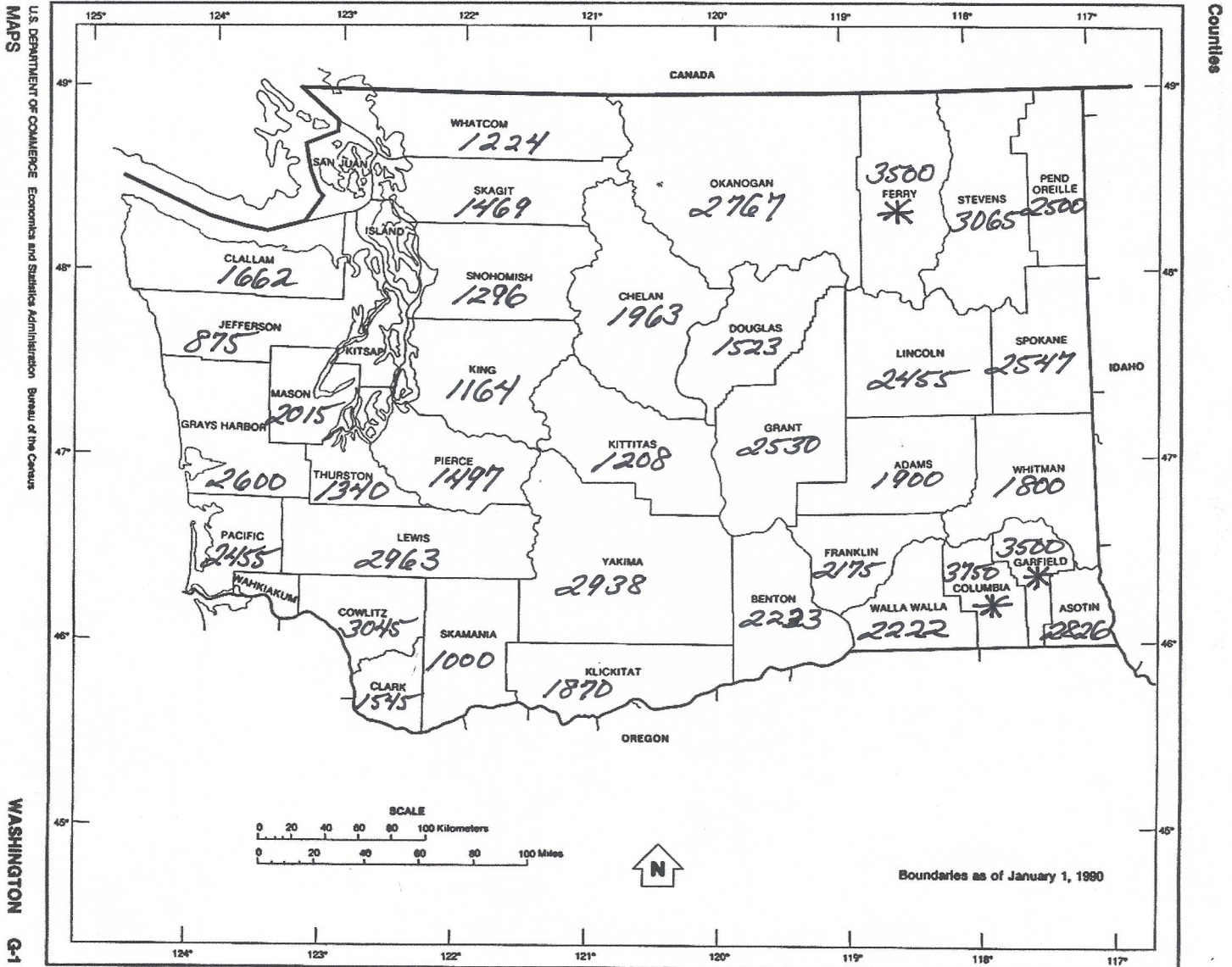


# COVID-19 DEATH-RATES IN DEATHS-PER-MILLION RESIDENTS IN WASHINGTON STATE BY COUNTIES AS OF 12 MARCH 2022

TOTAL WASHINGTON STATE DEATHS TO DATE = 12263; AND DPMs TO DATE = 1610

{CURRENT US COVID-19 DEATH-RATE (2971 DPMs) IS 1.85 TIMES HIGHER THAN WA's}

US CV-19 DEATH RATE VIA WORLDMETERS.INFO, STATE AND COUNTY CV-19 DEATH TOTALS VIA NEW YORK TIMES, STATE AND COUNTY DPM CALCULATIONS BY AUTHOR, ©2022 MARK WARNS



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

SAN JUAN COUNTY = 118

ISLAND COUNTY = 826

KITSAP COUNTY = 1202

WAHKIACUM COUNTY = 1500\*

\*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 MARCH 12, 2022**  
**(CURRENT US COVID-19 DAILY DEATH RATE PER MILLION PERSONS = 4.10)**

CURRENT STATE AND COUNTY COVID-19 DEATH TOTALS VIA NEW YORK TIMES,  
 CURRENT COVID-19 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 Total	7,615,000	21	.39	Klickitat	23,000	0	0
Adams	20,000	0	0	Lewis	80,000	6	10.71
Asotin	23,000	1	6.21	Lincoln	11,000	0	0
Benton	206,000	3	2.08	Mason	66,000	4	8.66
Chelan	80,000	1	1.79	Okanogan	43,000	2	6.64
Clallam	77,000	1	1.86	Pacific	22,000	0	0
Clark	499,000	12	3.44	Pend Oreille	14,000	3	30.61*
Columbia	4,000	0	0	Pierce	901,000	21	3.33
Cowlitz	111,000	0	0	San Juan	17,000	0	0
Douglas	44,000	2	6.49	Skagit	130,000	3	3.30
Ferry	8,000	0	0	Skamania	12,000	1	11.90*
Franklin	97,000	3	4.42	Snohomish	831,000	12	2.06
Garfield	2,000	0	0	Spokane	523,000	12	3.28
Grant	100,000	4	5.71	Stevens	46,000	2	6.21
Grays Harbor	75,000	2	3.81	Thurston	291,000	9	4.42
Island	86,000	1	1.66	Wahkiacum	4,000	0	0
Jefferson	32,000	0	0	Walla Walla	63,000	3	6.80
King	2,261,000	38	2.40	Whatcom	228,000	8	5.01
Kitsap	272,000	6	3.15	Whitman	50,000	0	0
Kittitas	48,000	0	0	Yakima	258,000	6	3.32

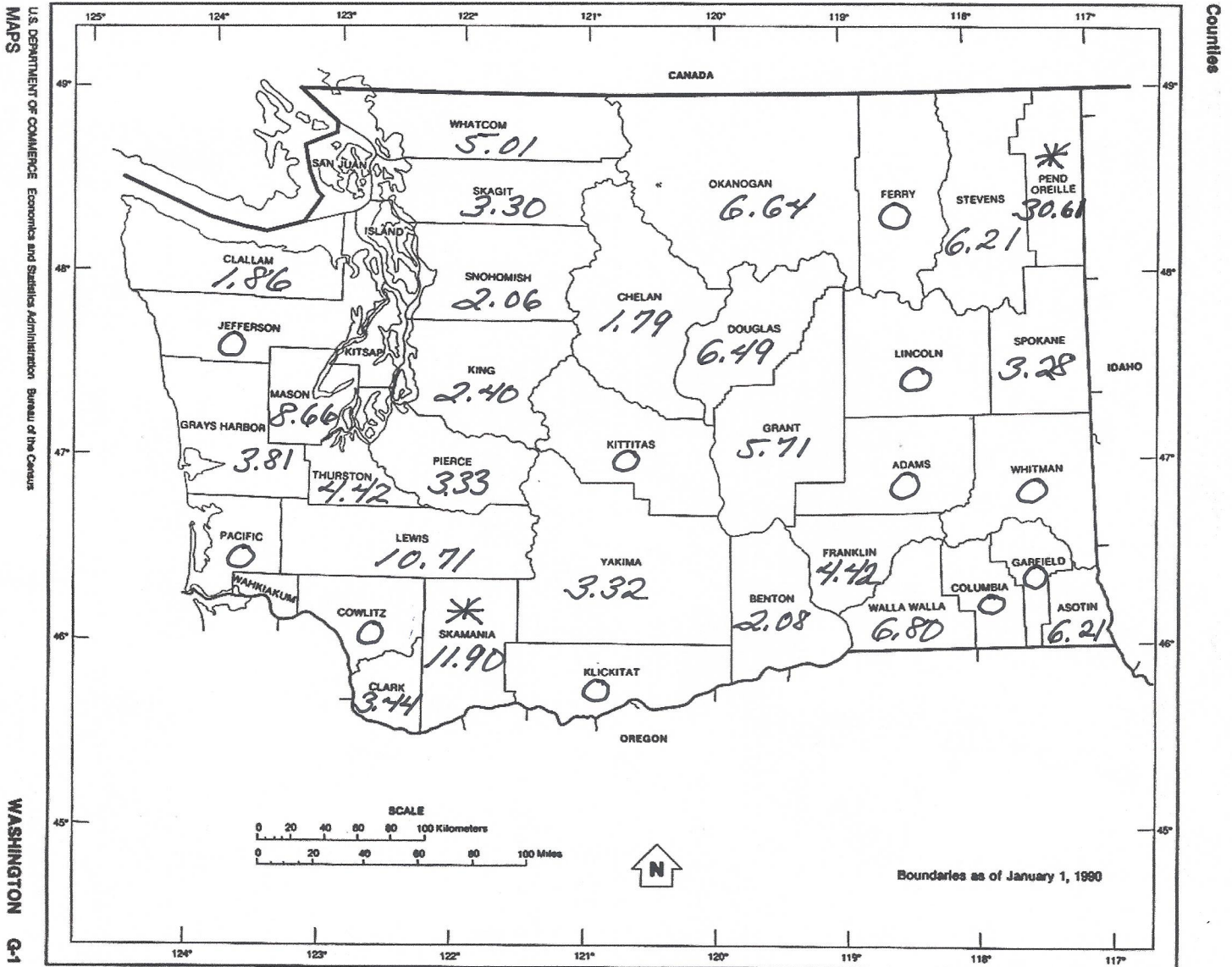
\* CCDDRs skewed by especially small county populations. See current Covid-19 death-rate alpha list & graph.

# CURRENT COVID-19 DAILY DEATH-RATES IN WASHINGTON STATE STATEWIDE & BY COUNTIES FOR THE WEEK ENDING MARCH 12, 2022 IN DEATHS-PER-MILLION PERSONS PER DAY FOR THE PREVIOUS WEEK

TOTAL WASHINGTON STATE DEATHS THAT WEEK = 21, AND CCDDR = .39.

{CURRENT US CCDDR OF 4.10 IS 10.57 TIMES HIGHER THAN WASHINGTON'S}

US CV-19 DEATH TOTAL VIA WORLDMETERS.INFO, STATE AND COUNTY CV-19 DEATH TOTALS VIA NEW YORK TIMES, ALL CCDDR CALCULATIONS BY AUTHOR, ©2022 MARK WARNS

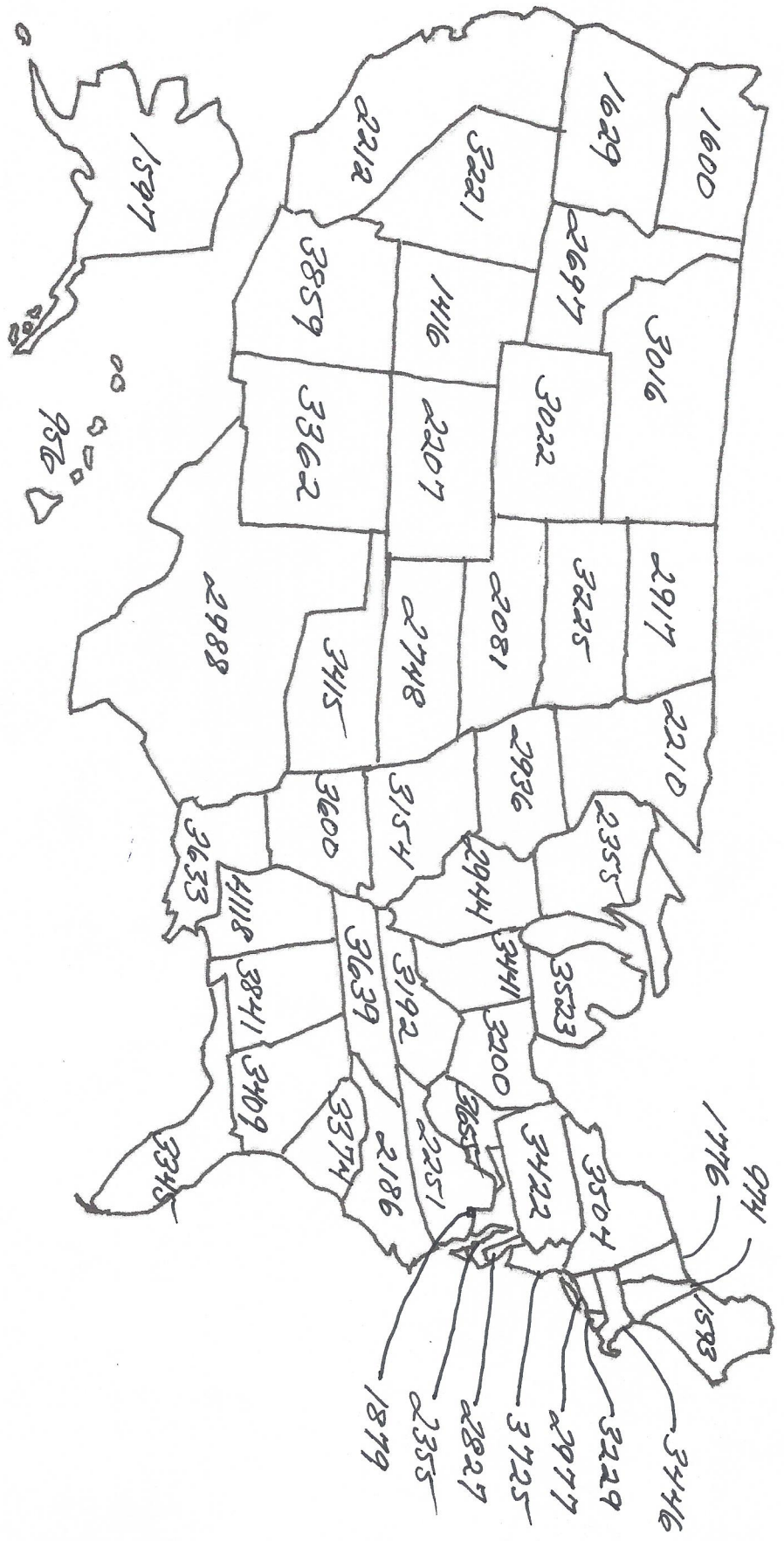


DPM TOTALS FOR THE FOUR COUNTIES OBSCURED BY THE MAP:

SAN JUAN COUNTY = 0  
 ISLAND COUNTY = 1.66  
 KITSAP COUNTY = 3.15  
 WAHKIAKUM 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 3/12/2022  
 (IN-DEATHS - PER-MILLION RESIDENTS / APR)  
 CURRENT US W-19 DEATH-RATE ON 3/12/22 = 2971 APR



US STATES WITH W-19 DEATH-RATES BELOW 1000 APR:

- MAINE = 956
- VERMONT = 974

APR Data via CLOSUREMETERS. INFO MAP @2022 MARK SHEETS

CUMULATIVE COVID-19 DEATHS PER MILLION RESIDENTS IN EUROPEAN JURISDICTIONS ON 3/12/2022



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