

ANALYSIS OF COVID-19 DEATH TOTALS AS OF SATURDAY, 19 DECEMBER 2020

by Mark Warns ©2020, data via Worldometers.info

Page 1

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 THE CV-19 DEATHS PER MILLION PERSONS IN EACH JURISDICTION.

JURISDICTION	POPULATION	TOTAL CV-19 DEATHS	PHILADELPHIA EQUIVALENT	PE SCORE MULIPLIER	PE SCORE PERCENTAGE	DPM
Philadelphia, Pennsylvania	1,592,000	2,294	2,294	1.00x "The Gauge"	Better or Worse Than PE's 0%	1,441
Pennsylvania	12,700,000	13,705	18,300	.75x	25% Better	1,071
Rhode Island	1,000,000	1,625	1,405	1.16x	16% Worse	1,534
Connecticut	3,700,000	5,581	5,332	1.05x	5% Worse	1,565
Massachusetts	6,700,000	11,610	9,654	1.20x	20% Worse	1,684
New Jersey	9,200,000	18,247	13,257	1.38x	38% Worse	2,054
New York State	19,500,000	36,222	28,099	1.29x	29% Worse	1,862
New York City (all boroughs)	8,442,000	24,599	12,165	2.02x	102% Worse	2,914
Brooklyn	2,600,000	7,597	3,746	2.03x	103% Worse	2,922
Queens	2,297,000	7,450	3,310	2.25x	125% Worse	3,243
Bronx	1,440,000	5,079	2,075	2.45x	145% Worse	3,527
Manhattan	1,630,000	3,262	2,349	1.39x	39% Worse	2,001
Staten Island	475,000	1,211	684	1.77x	77% Worse	2,549

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

Ireland	4,938,000	2,149	7,115	.30x	70% Better	433
Netherlands	17,135,000	10,459	24,691	.42x	58% Better	610
France	65,274,000	60,229	94,057	.64x	36% Better	922
Italy	60,462,000	68,447	87,123	.79x	21% Better	1,133
United Kingdom	67,886,000	67,075	97,821	.69x	31% Better	986
Spain	46,755,000	48,926	67,372	.73x	27% Better	1,046
Belgium	11,590,000	18,455	16,701	1.11x	11% Worse	1,589

ANALYSIS OF COVID-19 DEATH TOTALS AS OF SATURDAY, 19 DECEMBER 2020

by Mark Warns ©2020, data via Worldometers.info

Page 2

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 THE CV-19 DEATHS PER MILLION PERSONS IN EACH JURISDICTION.

JURISDICTION	POPULATION	TOTAL CV-19 DEATHS	PHILADELPHIA EQUIVALENT	PE SCORE MULTIPLIER	PE SCORE PERCENTAGE	DPM
Philadelphia, Pennsylvania	1,592,000	2,294	2,294	1.00x "The Gauge"	Better or Worse Than PE's 0%	1,441
Portugal	10,197,000	6,063	14,693	.41x	59% Better	595
Austria	9,023,000	5,209	13,002	.40x	60% Better	577
Slovenia	2,079,000	2,314	2,996	.77x	23% Better	1,113
Germany	83,784,000	26,181	120,729	.22x	78% Better	312
Luxembourg	628,000	440	905	.49x	51% Better	698
Switzerland	8,655,000	6,582	12,471	.53x	47% Better	758

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

JURISDICTION	POPULATION	TOTAL CV-19 DEATHS	PHILADELPHIA EQUIVALENT	PE SCORE MULTIPLIER	PE SCORE PERCENTAGE	DPM
Iceland	364,000	28	525	.05x	95% Better	82
Denmark	5,792,000	1,019	8,346	.12x	88% Better	176
Norway	5,415,000	404	7,803	.05x	95% Better	74
Sweden *(See Text Note)	10,090,000	7,993	14,539	.55x	45% Better	789
Finland	5,541,000	489	7,984	.06x	94% Better	88
Estonia	1,327,000	170	1,912	.09x	91% Better	128
Latvia	1,879,000	427	2,708	.16x	84% Better	228
Lithuania	2,709,000	1,005	3,904	.26x	74% Better	372
Kaliningrad, Russia	995,000	142	1,434	.10x	90% Better	143
Poland	37,833,000	25,254	54,516	.46x	54% Better	668
Czechia	10,716,000	10,271	15,441	.67x	33% Better	958
Slovakia	5,461,000	1,510	7,869	.19x	81% Better	277

ANALYSIS OF COVID-19 DEATH TOTALS AS OF SATURDAY, 19 DECEMBER 2020

by Mark Warns ©2020, data via Worldometers.info

Page 3

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. THE "DPM" COLUMN RECORDS THE NUMBER OF CV-19 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	173	173	1.00x "The Gauge"	Better or Worse Than SFE's 0%	192
China (All Provinces)	1,438,510,000	4,634	276,514	.02x	98% Better	3
Hubei Province China	58,500,000	4,512 (97.4% of PRC)	11,245	.40x	60% Better	77
Beijing Province China	20,463,000	9	3,933	.002x	99.8% Better	.44
South Korea	51,262,000	659	9,854	.07x	93% Better	13
Japan	126,476,000	2,828	24,311	.12x	88% Better	22
Iran	82,914,000	53,448	15,938	3.35x	235% Worse	633
Russian Federation	145,934,000	50,347	28,052	1.79x	79% Worse	345

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

San Francisco, California	900,000	173	173	1.00x "The Gauge"	Better or Worse Than SFE's 0%	192
Oregon	4,220,000	1,304	811	1.61x	61% Worse	309
Multnomah County, OR	813,000	350	156	2.24x	124% Worse	431
California	40,000,000	22,437	7,689	2.92x	192% Worse	568
Los Angeles County, CA	10,079,000	8,757	1,937	4.52x	352% Worse	869
Washington State	7,615,000	3,200	1,464	2.19x	119% Worse	420
King County, WA	2,204,000	978	424	2.31x	131% Worse	444
Snohomish County, WA	822,000	345	158	2.18x	118% Worse	420
Pierce County, WA	905,000	305	174	1.75x	75% Worse	337
Yakima County, WA	251,000	305	48	6.35x	535% Worse	1,215
Benton County, WA	205,000	153	39	3.92x	292% Worse	746
Franklin County, WA	96,000	76	18	4.22x	322% Worse	792
Six Peninsula Counties of WA	900,000	134	173	.77x	23% Better	149
Hawaii	1,416,000	281	272	1.03x	3% Worse	198