

**ANALYSIS OF COVID-19 DEATH TOTALS AS OF SATURDAY, 2 JANUARY 2021**

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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 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	2,493	2,493	1.00x "The Gauge"	Better or Worse Than PE's 0%	1,566
Pennsylvania	12,700,000	16,286	19,888	.82x	18% Better	1,272
Rhode Island	1,000,000	1,777	1,566	1.13x	13% Worse	1,677
Connecticut	3,700,000	5,995	5,794	1.03x	3% Worse	1,681
Massachusetts	6,700,000	12,423	10,492	1.18x	18% Worse	1,802
New Jersey	9,200,000	19,297	14,407	1.34x	34% Worse	2,173
New York State	19,500,000	38,145	30,536	1.25x	25% Worse	1,961
New York City (all boroughs)	8,442,000	25,099	13,220	1.90x	90% Worse	2,973
Brooklyn	2,600,000	7,745	4,071	1.90x	90% Worse	2,979
Queens	2,297,000	7,578	3,597	2.11x	111% Worse	3,299
Bronx	1,440,000	5,140	2,255	2.28x	128% Worse	3,569
Manhattan	1,630,000	3,348	2,553	1.31x	31% Worse	2,054
Staten Island	475,000	1,288	744	1.73x	73% Worse	2,712

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

Ireland	4,938,000	2,248	7,733	.29x	71% Better	453
Netherlands	17,135,000	11,565	26,833	.43x	57% Better	674
France	65,274,000	64,765	102,216	.63x	37% Better	991
Italy	60,462,000	74,985	94,680	.79x	21% Better	1,241
United Kingdom	67,886,000	74,570	106,306	.70x	30% Better	1,096
Spain	46,755,000	50,837	73,216	.69x	31% Better	1,087
Belgium	11,590,000	19,581	18,149	1.08x	8% Worse	1,686

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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 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	2,493	2,493	1.00x "The Gauge"	Better or Worse Than PE's 0%	1,566
Portugal	10,197,000	7,045	15,968	.44x	56% Better	692
Austria	9,023,000	6,275	14,129	.44x	56% Better	695
Slovenia	2,079,000	2,774	3,256	.85x	15% Better	1,334
Germany	83,784,000	34,658	131,202	.26x	74% Better	413
Luxembourg	628,000	503	983	.51x	49% Better	797
Switzerland	8,655,000	7,725	13,553	.57x	43% Better	889

**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	29	570	.05x	95% Better	85
Denmark	5,792,000	1,345	9,070	.15x	85% Better	232
Norway	5,415,000	436	8,480	.05x	95% Better	80
Sweden *(See Text Note)	10,090,000	8,727	15,800	.55x	45% Better	861
Finland	5,541,000	561	8,677	.06x	94% Better	101
Estonia	1,327,000	241	2,078	.12x	88% Better	182
Latvia	1,879,000	668	2,942	.23x	77% Better	356
Lithuania	2,709,000	1,614	4,242	.38x	62% Better	597
Kaliningrad, Russia	995,000	178	1,558	.11x	89% Better	179
Poland	37,833,000	29,058	59,245	.49x	51% Better	768
Czechia	10,716,000	11,827	16,781	.70x	30% Better	1,103
Slovakia	5,461,000	2,250	8,552	.26x	74% Better	412

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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. 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	189	189	1.00x "The Gauge"	Better or Worse Than SFE's 0%	210
China (All Provinces)	1,438,510,000	4,634	302,087	.02x	98% Better	3
Hubei Province China	58,500,000	4,512 (97.4% of PRC)	12,285	.37x	63% Better	77
Beijing Province China	20,463,000	9	4,297	.002x	99.8% Better	.44
South Korea	51,262,000	942	10,765	.09x	91% Better	18
Japan	126,476,000	3,514	26,560	.13x	87% Better	28
Iran	82,914,000	55,438	17,412	3.18x	218% Worse	656
Russian Federation	145,934,000	58,002	30,646	1.89x	89% Worse	397

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

San Francisco, California	900,000	189	189	1.00x "The Gauge"	Better or Worse Than SFE's 0%	210
Oregon	4,220,000	1,490	886	1.68x	68% Worse	353
Multnomah County, OR	813,000	400	171	2.34x	134% Worse	492
California	40,000,000	26,294	8,400	3.13x	213% Worse	665
Los Angeles County, CA	10,079,000	10,552	2,117	4.98x	398% Worse	1,047
Washington State	7,615,000	3,573	1,599	2.23x	123% Worse	469
King County, WA	2,204,000	1,091	463	2.36x	136% Worse	495
Snohomish County, WA	822,000	394	173	2.28x	128% Worse	479
Pierce County, WA	905,000	348	190	1.83x	83% Worse	385
Yakima County, WA	251,000	317	53	5.98x	498% Worse	1,263
Benton County, WA	205,000	164	43	3.81x	281% Worse	800
Franklin County, WA	96,000	83	20	4.15x	315% Worse	865
Six Peninsula Counties of WA	900,000	157	189	.83x	17% Better	174
Hawaii	1,416,000	289	297	.97x	3% Better	204