

ANALYSIS OF COVID-19 DEATH TOTALS AS OF SATURDAY, 14 NOVEMBER 2020

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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	1,934	1,934	1.00x "The Gauge"	Better or Worse Than PE's 0%	1,215
Pennsylvania	12,700,000	9,364	15,428	.63x	37% Better	731
Rhode Island	1,000,000	1,254	1,215	1.03x	3% Worse	1,184
Connecticut	3,700,000	4,737	4,495	1.05x	5% Worse	1,329
Massachusetts	6,700,000	10,265	8,139	1.26x	26% Worse	1,489
New Jersey	9,200,000	16,651	11,176	1.49x	49% Worse	1,875
New York State	19,500,000	33,955	23,689	1.43x	43% Worse	1,745
New York City (all boroughs)	8,442,000	24,086	10,255	2.35x	135% Worse	2,853
Brooklyn	2,600,000	7,445	3,159	2.36x	136% Worse	2,863
Queens	2,297,000	7,319	2,790	2.62x	162% Worse	3,186
Bronx	1,440,000	5,017	1,749	2.87x	187% Worse	3,484
Manhattan	1,630,000	3,201	1,980	1.62x	62% Worse	1,963
Staten Island	475,000	1,104	577	1.91x	91% Worse	2,324

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

Ireland	4,938,000	1,972	5,999	.33x	67% Better	398
Netherlands	17,135,000	8,443	20,816	.41x	59% Better	492
France	65,274,000	43,892	79,293	.55x	45% Better	672
Italy	60,462,000	44,683	73,451	.61x	39% Better	739
United Kingdom	67,886,000	51,766	82,470	.63x	37% Better	761
Spain	46,755,000	40,769	56,799	.72x	28% Better	872
Belgium	11,590,000	14,106	14,080	1.00x	Same As Philadelphia	1,215

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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	1,934	1,934	1.00x "The Gauge"	Better or Worse Than PE's 0%	1,215
Portugal	10,197,000	3,305	12,388	.27x	73% Better	324
Austria	9,023,000	1,746	10,961	.16x	84% Better	193
Slovenia	2,079,000	765	2,526	.30x	70% Better	368
Germany	83,784,000	12,558	101,783	.12x	88% Better	150
Luxembourg	628,000	222	764	.29x	71% Better	353
Switzerland	8,655,000	3,342	10,514	.32x	68% Better	385

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	25	420	.06x	94% Better	73
Denmark	5,792,000	757	7,036	.11x	89% Better	131
Norway	5,415,000	294	6,578	.04x	96% Better	54
Sweden *(See Text Note)	10,090,000	6,164	12,258	.50x	50% Better	609
Finland	5,541,000	369	6,731	.05x	95% Better	67
Estonia	1,327,000	80	1,612	.05x	95% Better	60
Latvia	1,879,000	121	2,283	.05x	95% Better	64
Lithuania	2,709,000	266	3,291	.08x	92% Better	98
Kaliningrad, Russia	995,000	100	1,209	.08x	92% Better	100
Poland	37,833,000	10,045	45,960	.22x	78% Better	266
Czechia	10,716,000	5,926	13,018	.46x	54% Better	553
Slovakia	5,461,000	510	6,634	.08x	92% Better	93

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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 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	153	153	1.00x "The Gauge"	Better or Worse Than SFE's 0%	170
China (All Provinces)	1,438,510,000	4,634	244,547	.02x	98% Better	3
Hubei Province China	58,500,000	4,512 (97.4% of PRC)	9,945	.45x	55% Better	77
Beijing Province China	20,463,000	9	3,479	.003x	99.7% Better	.44
South Korea	51,262,000	492	8,715	.06x	94% Better	10
Japan	126,476,000	1,880	21,501	.09x	91% Better	15
Iran	82,914,000	41,034	14,095	2.91x	191% Worse	486
Russian Federation	145,934,000	32,834	24,809	1.32x	32% Worse	225

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

San Francisco, California	900,000	153	153	1.00x "The Gauge"	Better or Worse Than SFE's 0%	170
Oregon	4,220,000	753	717	1.05x	5% Worse	179
Multnomah County, OR	813,000	195	138	1.41x	41% Worse	240
California	40,000,000	18,221	6,800	2.68x	168% Worse	461
Los Angeles County, CA	10,079,000	7,246	1,713	4.23x	323% Worse	719
Washington State	7,615,000	2,530	1,295	1.95x	95% Worse	332
King County, WA	2,204,000	836	375	2.23x	123% Worse	379
Snohomish County, WA	822,000	247	140	1.76x	76% Worse	300
Pierce County, WA	905,000	247	154	1.60x	60% Worse	273
Yakima County, WA	251,000	283	43	6.58x	558% Worse	1,127
Benton County, WA	205,000	140	35	4.00x	300% Worse	683
Franklin County, WA	96,000	69	16	4.31x	331% Worse	719
Six Peninsula Counties of WA	900,000	101	153	.66x	34% Better	112
Hawaii	1,416,000	222	241	.92x	8% Better	157