

ANALYSIS OF COVID-19 DEATH TOTALS AS OF SATURDAY, 21 NOVEMBER 2020

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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	1,978	1,978	1.00x "The Gauge"	Better or Worse Than PE's 0%	1,242
Pennsylvania	12,700,000	9,872	15,779	.63x	37% Better	771
Rhode Island	1,000,000	1,294	1,242	1.04x	4% Worse	1,221
Connecticut	3,700,000	4,828	4,597	1.05x	5% Worse	1,354
Massachusetts	6,700,000	10,469	8,324	1.26x	26% Worse	1,519
New Jersey	9,200,000	16,842	11,431	1.47x	47% Worse	1,896
New York State	19,500,000	34,186	24,228	1.41x	41% Worse	1,757
New York City (all boroughs)	8,442,000	24,170	10,489	2.30x	130% Worse	2,863
Brooklyn	2,600,000	7,472	3,230	2.31x	131% Worse	2,874
Queens	2,297,000	7,335	2,854	2.57x	157% Worse	3,193
Bronx	1,440,000	5,029	1,789	2.81x	181% Worse	3,492
Manhattan	1,630,000	3,218	2,025	1.59x	59% Worse	1,974
Staten Island	475,000	1,116	590	1.89x	89% Worse	2,349

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

Ireland	4,938,000	2,018	6,135	.33x	67% Better	407
Netherlands	17,135,000	8,870	21,290	.42x	58% Better	517
France	65,274,000	48,265	81,100	.60x	40% Better	739
Italy	60,462,000	49,261	75,122	.66x	34% Better	815
United Kingdom	67,886,000	54,626	84,346	.65x	35% Better	803
Spain	46,755,000	42,619	58,091	.73x	27% Better	911
Belgium	11,590,000	15,352	14,400	1.07x	7% Worse	1,322

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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	1,978	1,978	1.00x "The Gauge"	Better or Worse Than PE's 0%	1,242
Portugal	10,197,000	3,824	12,669	.30x	70% Better	375
Austria	9,023,000	2,328	11,211	.21x	79% Better	258
Slovenia	2,079,000	1,026	2,583	.40x	60% Better	493
Germany	83,784,000	14,147	104,098	.14x	86% Better	169
Luxembourg	628,000	262	780	.34x	66% Better	416
Switzerland	8,655,000	3,992	10,754	.37x	63% Better	460

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	26	452	.06x	94% Better	76
Denmark	5,792,000	781	7,196	.11x	89% Better	135
Norway	5,415,000	306	6,728	.05x	95% Better	56
Sweden *(See Text Note)	10,090,000	6,406	12,536	.51x	49% Better	633
Finland	5,541,000	375	6,884	.05x	95% Better	68
Estonia	1,327,000	87	1,649	.05x	95% Better	66
Latvia	1,879,000	153	2,335	.07x	93% Better	81
Lithuania	2,709,000	374	3,366	.11x	89% Better	138
Kaliningrad, Russia	995,000	105	1,236	.08x	92% Better	106
Poland	37,833,000	13,288	47,006	.28x	72% Better	351
Czechia	10,716,000	7,067	13,314	.53x	47% Better	659
Slovakia	5,461,000	644	6,785	.09x	91% Better	118

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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	156	156	1.00x "The Gauge"	Better or Worse Than SFE's 0%	173
China (All Provinces)	1,438,510,000	4,634	249,342	.02x	98% Better	3
Hubei Province China	58,500,000	4,512 (97.4% of PRC)	10,140	.44x	56% Better	77
Beijing Province China	20,463,000	9	3,547	.003x	99.7% Better	.44
South Korea	51,262,000	503	8,885	.06x	94% Better	10
Japan	126,476,000	1,963	21,923	.09x	91% Better	16
Iran	82,914,000	44,327	14,372	3.08x	208% Worse	525
Russian Federation	145,934,000	35,778	25,295	1.41x	41% Worse	245

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

San Francisco, California	900,000	156	156	1.00x "The Gauge"	Better or Worse Than SFE's 0%	173
Oregon	4,220,000	812	731	1.11x	11% Worse	193
Multnomah County, OR	813,000	211	141	1.50x	50% Worse	260
California	40,000,000	18,645	6,933	2.67x	167% Worse	472
Los Angeles County, CA	10,079,000	7,396	1,747	4.23x	323% Worse	734
Washington State	7,615,000	2,636	1,320	2.00x	100% Worse	346
King County, WA	2,204,000	847	382	2.22x	122% Worse	384
Snohomish County, WA	822,000	261	142	1.84x	84% Worse	318
Pierce County, WA	905,000	261	157	1.66x	66% Worse	288
Yakima County, WA	251,000	292	44	6.64x	564% Worse	1,163
Benton County, WA	205,000	140	36	3.89x	289% Worse	683
Franklin County, WA	96,000	70	17	4.12x	312% Worse	729
Six Peninsula Counties of WA	900,000	112	156	.72x	28% Better	124
Hawaii	1,416,000	224	245	.91x	9% Better	158