

ANALYSIS OF COVID-19 DEATH TOTALS AS OF SATURDAY, 5 DECEMBER 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	2,106	2,106	1.00x "The Gauge"	Better or Worse Than PE's 0%	1,323
Pennsylvania	12,700,000	11,349	16,800	.68x	32% Better	887
Rhode Island	1,000,000	1,413	1,323	1.07x	7% Worse	1,334
Connecticut	3,700,000	5,146	4,895	1.05x	5% Worse	1,443
Massachusetts	6,700,000	10,910	8,863	1.23x	23% Worse	1,583
New Jersey	9,200,000	17,391	12,170	1.43x	43% Worse	1,958
New York State	19,500,000	34,886	25,796	1.35x	35% Worse	1,793
New York City (all boroughs)	8,442,000	24,290	11,168	2.17x	117% Worse	2,877
Brooklyn	2,600,000	7,519	3,439	2.19x	119% Worse	2,892
Queens	2,297,000	7,366	3,039	2.42x	142% Worse	3,207
Bronx	1,440,000	5,026	1,905	2.64x	164% Worse	3,490
Manhattan	1,630,000	3,232	2,156	1.50x	50% Worse	1,983
Staten Island	475,000	1,147	628	1.83x	83% Worse	2,415

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

Ireland	4,938,000	2,086	6,532	.32x	68% Better	420
Netherlands	17,135,000	9,662	22,667	.43x	57% Better	563
France	65,274,000	54,767	86,349	.63x	37% Better	838
Italy	60,462,000	58,852	79,983	.74x	26% Better	974
United Kingdom	67,886,000	61,014	89,804	.68x	32% Better	897
Spain	46,755,000	46,252	61,851	.75x	25% Better	989
Belgium	11,590,000	17,142	15,332	1.12x	12% Worse	1,476

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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	2,106	2,106	1.00x "The Gauge"	Better or Worse Than PE's 0%	1,323
Portugal	10,197,000	4,876	13,489	.36x	64% Better	479
Austria	9,023,000	3,757	11,936	.31x	69% Better	416
Slovenia	2,079,000	1,700	2,750	.62x	38% Better	818
Germany	83,784,000	18,778	110,834	.17x	83% Better	224
Luxembourg	628,000	350	831	.42x	58% Better	555
Switzerland	8,655,000	5,314	11,449	.46x	54% Better	612

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	27	482	.06x	94% Better	79
Denmark	5,792,000	878	7,662	.11x	89% Better	151
Norway	5,415,000	354	7,163	.05x	95% Better	65
Sweden *(See Text Note)	10,090,000	7,067	13,347	.53x	47% Better	698
Finland	5,541,000	415	7,330	.06x	94% Better	75
Estonia	1,327,000	126	1,755	.07x	93% Better	95
Latvia	1,879,000	253	2,486	.10x	90% Better	135
Lithuania	2,709,000	611	3,584	.17x	83% Better	226
Kaliningrad, Russia	995,000	111	1,316	.08x	92% Better	112
Poland	37,833,000	19,861	50,048	.40x	60% Better	525
Czechia	10,716,000	8,738	14,176	.62x	38% Better	815
Slovakia	5,461,000	981	7,224	.14x	86% Better	180

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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	162	162	1.00x "The Gauge"	Better or Worse Than SFE's 0%	180
China (All Provinces)	1,438,510,000	4,634	258,932	.02x	98% Better	3
Hubei Province China	58,500,000	4,512 (97.4% of PRC)	10,530	.43x	57% Better	77
Beijing Province China	20,463,000	9	3,683	.002x	99.8% Better	.44
South Korea	51,262,000	540	9,227	.06x	94% Better	11
Japan	126,476,000	2,283	22,766	.10x	90% Better	18
Iran	82,914,000	50,016	14,925	3.35x	235% Worse	592
Russian Federation	145,934,000	42,684	26,268	1.62x	62% Worse	292

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

San Francisco, California	900,000	162	162	1.00x "The Gauge"	Better or Worse Than SFE's 0%	180
Oregon	4,220,000	1,003	760	1.32x	32% Worse	238
Multnomah County, OR	813,000	263	146	1.80x	80% Worse	323
California	40,000,000	19,790	7,200	2.75x	175% Worse	501
Los Angeles County, CA	10,079,000	7,842	1,814	4.32x	332% Worse	778
Washington State	7,615,000	2,958	1,371	2.16x	116% Worse	388
King County, WA	2,204,000	914	397	2.30x	130% Worse	415
Snohomish County, WA	822,000	308	148	2.08x	108% Worse	375
Pierce County, WA	905,000	292	163	1.79x	79% Worse	323
Yakima County, WA	251,000	313	45	6.96x	596% Worse	1,247
Benton County, WA	205,000	147	37	3.97x	297% Worse	717
Franklin County, WA	96,000	75	17	4.41x	341% Worse	781
Six Peninsula Counties of WA	900,000	131	162	.81x	19% Better	146
Hawaii	1,416,000	256	255	1.00x	Essentially Equal	181