

ANALYSIS OF COVID-19 DEATH TOTALS AS OF SATURDAY, 28 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	2,015	2,015	1.00x "The Gauge"	Better or Worse Than PE's 0%	1,266
Pennsylvania	12,700,000	10,357	16,074	.64x	36% Better	809
Rhode Island	1,000,000	1,346	1,266	1.06x	6% Worse	1,271
Connecticut	3,700,000	4,961	4,683	1.06x	6% Worse	1,391
Massachusetts	6,700,000	10,635	8,480	1.25x	25% Worse	1,543
New Jersey	9,200,000	17,078	11,644	1.47x	47% Worse	1,923
New York State	19,500,000	34,437	24,681	1.40x	40% Worse	1,770
New York City (all boroughs)	8,442,000	24,228	10,685	2.27x	127% Worse	2,870
Brooklyn	2,600,000	7,498	3,291	2.28x	128% Worse	2,884
Queens	2,297,000	7,353	2,907	2.53x	153% Worse	3,201
Bronx	1,440,000	5,028	1,823	2.76x	176% Worse	3,492
Manhattan	1,630,000	3,223	2,063	1.56x	56% Worse	1,977
Staten Island	475,000	1,126	601	1.87x	87% Worse	2,371

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

Ireland	4,938,000	2,043	6,250	.33x	67% Better	412
Netherlands	17,135,000	9,326	21,688	.43x	57% Better	544
France	65,274,000	51,914	82,618	.63x	37% Better	795
Italy	60,462,000	54,363	76,527	.71x	29% Better	900
United Kingdom	67,886,000	58,030	85,924	.68x	32% Better	853
Spain	46,755,000	44,668	59,178	.75x	25% Better	955
Belgium	11,590,000	16,339	14,670	1.11x	11% Worse	1,407

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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	2,015	2,015	1.00x "The Gauge"	Better or Worse Than PE's 0%	1,266
Portugal	10,197,000	4,363	12,906	.34x	66% Better	428
Austria	9,023,000	3,018	11,420	.26x	74% Better	334
Slovenia	2,079,000	1,336	2,631	.51x	49% Better	643
Germany	83,784,000	16,255	106,046	.15x	85% Better	194
Luxembourg	628,000	300	795	.38x	62% Better	476
Switzerland	8,655,000	4,621	10,955	.42x	58% Better	532

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	461	.06x	94% Better	76
Denmark	5,792,000	823	7,331	.11x	89% Better	142
Norway	5,415,000	328	6,854	.05x	95% Better	60
Sweden *(See Text Note)	10,090,000	6,681	12,711	.52x	48% Better	660
Finland	5,541,000	393	7,013	.06x	94% Better	71
Estonia	1,327,000	109	1,680	.06x	94% Better	82
Latvia	1,879,000	193	2,378	.08x	92% Better	103
Lithuania	2,709,000	482	3,429	.14x	86% Better	178
Kaliningrad, Russia	995,000	106	1,259	.08x	92% Better	107
Poland	37,833,000	16,746	47,885	.35x	65% Better	443
Czechia	10,716,000	8,003	13,563	.59x	41% Better	747
Slovakia	5,461,000	798	6,912	.12x	88% Better	146

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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	160	160	1.00x "The Gauge"	Better or Worse Than SFE's 0%	178
China (All Provinces)	1,438,510,000	4,634	255,735	.02x	98% Better	3
Hubei Province China	58,500,000	4,512 (97.4% of PRC)	10,400	.43x	57% Better	77
Beijing Province China	20,463,000	9	3,638	.002x	99.8% Better	.44
South Korea	51,262,000	522	9,113	.06x	94% Better	10
Japan	126,476,000	2,074	22,485	.09x	91% Better	16
Iran	82,914,000	47,486	14,740	3.22x	222% Worse	562
Russian Federation	145,934,000	39,068	25,943	1.51x	51% Worse	268

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

San Francisco, California	900,000	160	160	1.00x "The Gauge"	Better or Worse Than SFE's 0%	178
Oregon	4,220,000	885	750	1.18x	18% Worse	210
Multnomah County, OR	813,000	235	145	1.62x	62% Worse	289
California	40,000,000	19,099	7,111	2.69x	169% Worse	483
Los Angeles County, CA	10,079,000	7,605	1,792	4.25x	325% Worse	755
Washington State	7,615,000	2,723	1,354	2.01x	101% Worse	358
King County, WA	2,204,000	866	392	2.21x	121% Worse	393
Snohomish County, WA	822,000	276	146	1.89x	89% Worse	336
Pierce County, WA	905,000	273	161	1.70x	70% Worse	302
Yakima County, WA	251,000	295	45	6.56x	556% Worse	1,175
Benton County, WA	205,000	141	36	3.92x	292% Worse	688
Franklin County, WA	96,000	72	17	4.24x	324% Worse	750
Six Peninsula Counties of WA	900,000	116	160	.73x	27% Better	129
Hawaii	1,416,000	240	252	.95x	5% Better	170