

**ANALYSIS OF TOTAL COVID-19 DEATH TOTALS AS OF SATURDAY, 4 JULY 2020**

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**JURISDICTIONS IN THE AMERICAN NORTHEAST APPARENTLY AFFECTED BY THE MORE DEADLY WEST EUROPEAN VARIANT OF COVID-19 THAT INITIALLY IMPACTED ITALY.**

**TOTAL COVID-19 DEATHS TO DATE IN ALL JURISDICTIONS 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 MULTIPLIER	PE SCORE PERCENTAGE	DPM
Philadelphia, Pennsylvania	1,592,000	1,619	1,619	1.00x "The Gauge"	Better or Worse Than PE's 0%	1,017
Pennsylvania	12,700,000	6,797	12,915	.53x	47% Better	535
Rhode Island	1,000,000	960	1,017	.94x	6% Better	960
Connecticut	3,700,000	4,335	3,763	1.15x	15% Worse	1,172
Massachusetts	6,700,000	8,149	6,814	1.20x	20% Worse	1,216
New Jersey	9,200,000	15,270	9,356	1.63x	63% Worse	1,660
New York State	19,500,000	32,191	19,830	1.62x	62% Worse	1,651
New York City (all boroughs)	8,442,000	23,103	8,585	2.69x	169% Worse	2,737
Brooklyn	2,600,000	7,120	2,644	2.69x	169% Worse	2,738
Queens	2,297,000	7,070	2,336	3.03x	203% Worse	3,078
Bronx	1,440,000	4,768	1,464	3.26x	226% Worse	3,311
Manhattan	1,630,000	3,089	1,658	1.86x	86% Worse	1,895
Staten Island	475,000	1,056	483	2.19x	119% Worse	2,223

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**I. WEST EUROPEAN NATIONS COMPARED TO THEIR PHILADELPHIA EQUIVALENTS, ASSUMING THAT THE MOST AFFECTED WEST EUROPEAN JURISDICTIONS ARE ENDURING THE MORE DEADLY VARIANT OF COVID-19 THAT INITIALLY IMPACTED ITALY. TOTAL COVID-19 DEATHS TO DATE IN ALL JURISDICTIONS 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 MULIPLIER	PE SCORE PERCENTAGE	DPM
Philadelphia, Pennsylvania	1,592,000	1,619	1,619	1.00x "The Gauge"	Better or Worse Than PE's 0%	1,017
Portugal	10,197,000	1,605	10,818	.15x	85% Better	157
Switzerland	8,655,000	1,965	8,802	.22x	78% Better	227
Ireland	4,938,000	1,740	5,022	.35x	65% Better	352
Netherlands	17,135,000	6,113	17,426	.35x	65% Better	357
France	65,274,000	29,893	66,381	.45x	55% Better	458
Italy	60,462,000	34,833	61,487	.57x	43% Better	576
Spain	46,755,000	28,385	47,548	.60x	40% Better	607
United Kingdom	67,886,000	44,131	69,037	.64x	36% Better	650
Belgium	11,590,000	9,771	11,787	.83x	17% Better	843

**II. GERMANIC & SCANDINAVIAN NATIONS COMPARED TO PHILADELPHIA EQUIVALENTS**

JURISDICTION	POPULATION	TOTAL CV-19 DEATHS	PHILADELPHIA EQUIVALENT	PE SCORE MULIPLIER	PE SCORE PERCENTAGE	DPM
Philadelphia, Pennsylvania	1,592,000	1,619	1,619	1.00x "The Gauge"	Better or Worse Than PE's 0%	1,017
Iceland	364,000	10	370	.03x	97% Better	29
Norway	5,415,000	251	5,507	.05x	95% Better	46
Finland	5,541,000	329	5,635	.06x	94% Better	59
Denmark	5,792,000	606	5,890	.10x	90% Better	105
Germany	83,784,000	9,074	85,047	.11x	89% Better	108
Sweden	10,090,000	5,420	10,261	.53x	47% Better	537

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**I. EURASIAN & U.S. JURISDICTIONS APPARENTLY AFFECTED BY THE LESS DEADLY WUHAN VARIANT OF COVID-19 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 MULIPLIER	SFE SCORE PERCENTAGE	DPM
San Francisco, California	900,000	50	50	1.00x "The Gauge"	Better or Worse Than SFE's 0%	56
China (All Provinces)	1,438,510,000	4,634	79,917	.06x	94% Better	3
Hubei Province China	58,500,000	4,512 (97.4% of PRC)	3,250	1.39x	39% Worse	77
Beijing Province China	20,463,000	9	1,137	.01x	99% Better	.44
South Korea	51,262,000	283	2,848	.10x	90% Better	6
Japan	126,476,000	976	7,026	.14x	86% Better	8
Iran	82,914,000	11,408	4,606	2.48x	148% Worse	136
Russian Federation	145,934,000	10,027	8,107	1.27x	27% Worse	69

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

San Francisco, California	900,000	50	50	1.00x "The Gauge"	Better or Worse Than SFE's 0%	56
Oregon	4,220,000	209	234	.89x	11% Better	50
Multnomah County, OR	813,000	72	45	1.60x	60% Worse	89
California	40,000,000	6,314	2,222	2.84x	184% Worse	156
Washington	7,615,000	1,352	423	3.18x	218% Worse	178
King County, WA	2,204,000	618	122	5.07x	407% Worse	280
Snohomish County, WA	822,000	173	46	3.76x	276% Worse	210
Pierce County, WA	905,000	105	50	2.10x	110% Worse	116
Whatcom County, WA	222,000	41	12	3.42x	242% Worse	185
Yakima County, WA	251,000	160	14	11.43x	1,043% Worse	637
Benton County, WA	205,000	84	11	7.64x	664% Worse	410
Franklin County, WA	96,000	33	5	6.60x	560% Worse	344
Six Peninsula Counties of WA	850,000	11	47	.23x	77% Better	13
Hawaii	1,416,000	19	79	.24x	76% Better	13