

ANALYSIS OF TOTAL COVID-19 DEATH TOTALS AS OF SATURDAY, 20 JUNE 2020

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JURISDICTIONS IN THE AMERICAN NORTHEAST APPARENTLY AFFECTED BY THE MUCH 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	1,550	1,550	1.00x "The Gauge"	Better or Worse Than PE's 0%	974
Pennsylvania	12,700,000	6,456	12,365	.52x	48% Better	508
Rhode Island	1,000,000	894	974	.92x	8% Better	894
Connecticut	3,700,000	4,238	3,602	1.18x	18% Worse	1,145
Massachusetts	6,700,000	7,800	6,523	1.20x	20% Worse	1,164
New Jersey	9,200,000	12,960	8,957	1.45x	45% Worse	1,409
New York State	19,500,000	31,159	18,968	1.64x	64% Worse	1,598
New York City (all boroughs)	8,442,000	22,168	8,219	2.70x	170% Worse	2,626
Brooklyn	2,600,000	6,977	2,531	2.76x	176% Worse	2,683
Queens	2,297,000	6,487	2,236	2.90x	190% Worse	2,824
Bronx	1,440,000	4,628	1,402	3.30x	230% Worse	3,214
Manhattan	1,630,000	3,045	1,587	1.92x	92% Worse	1,868
Staten Island	475,000	1,031	462	2.23x	123% Worse	2,171

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I. WEST EUROPEAN NATIONS COMPARED TO THEIR PHILADELPHIA EQUIVALENTS, ASSUMING THAT THE MOST AFFECTED WEST EUROPEAN JURISDICTIONS ARE ENDURING THE MUCH 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	1,550	1,550	1.00x "The Gauge"	Better or Worse Than PE's 0%	974
Portugal	10,197,000	1,528	9,928	.15x	85% Better	150
Switzerland	8,655,000	1,956	8,427	.23x	77% Better	226
Ireland	4,938,000	1,714	4,808	.36x	64% Better	347
Netherlands	17,135,000	6,089	16,683	.36x	64% Better	355
France	65,274,000	29,617	63,552	.47x	53% Better	454
Italy	60,462,000	34,561	58,867	.59x	41% Better	572
Spain	46,755,000	28,315	45,522	.62x	38% Better	606
United Kingdom	67,886,000	42,589	66,095	.64x	36% Better	627
Belgium	11,590,000	9,696	11,284	.86x	14% Better	837

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	1,550	1,550	1.00x "The Gauge"	Better or Worse Than PE's 0%	974
Iceland	364,000	10	354	.03x	97% Better	27
Norway	5,415,000	244	5,272	.05x	95% Better	45
Finland	5,541,000	326	5,394	.06x	94% Better	59
Denmark	5,792,000	600	5,639	.11x	89% Better	104
Germany	83,784,000	8,960	81,574	.11x	89% Better	107
Sweden	10,090,000	5,053	9,824	.51x	49% Better	501

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I. EURASIAN - FOLLOWED BY U.S. - JURISDICTIONS APPARENTLY AFFECTED BY THE FAR 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 MULTIPLIER	SFE SCORE PERCENTAGE	DPM
San Francisco, California	900,000	47	47	1.00x "The Gauge"	Better or Worse Than SFE's 0%	52
China (All Provinces)	1,438,510,000	4,634	75,122	.06x	94% Better	3
Hubei Province China	58,500,000	4,512 (97.4% of PRC)	3,055	1.48x	48% Worse	77
Beijing Province China	20,463,000	9	1,069	.01x	99% Better	.44
South Korea	51,262,000	280	2,677	.10x	90% Better	5
Japan	126,476,000	935	6,605	.14x	86% Better	7
Iran	82,914,000	9,507	4,330	2.20x	120% Worse	115
Russian Federation	145,934,000	8,002	7,621	1.05x	5% Worse	55

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

San Francisco, California	900,000	47	47	1.00x "The Gauge"	Better or Worse Than SFE's 0%	52
Oregon	4,220,000	188	220	.85x	15% Better	45
Multnomah County, OR	813,000	68	42	1.62x	62% Worse	84
California	40,000,000	5,427	2,089	2.60x	160% Worse	136
Washington	7,615,000	1,248	398	3.14x	214% Worse	164
King County, WA	2,204,000	597	115	5.19x	419% Worse	271
Snohomish County, WA	822,000	160	43	3.72	272% Worse	195
Pierce County, WA	905,000	89	47	1.89x	89% Worse	98
Whatcom County, WA	222,000	39	12	3.25x	225% Worse	176
Benton County, WA	205,000	75	11	6.82x	582% Worse	366
Six Peninsula Counties of WA	850,000	9	44	.20x	80% Better	11
Hawaii	1,416,000	17	74	.23x	77% Better	12