

**ANALYSIS OF TOTAL COVID-19 DEATH TOTALS AS OF SATURDAY, 27 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	1,587	1,587	1.00x "The Gauge"	Better or Worse Than PE's 0%	997
Pennsylvania	12,700,000	6,640	12,660	.52x	48% Better	523
Rhode Island	1,000,000	927	997	.93x	7% Better	927
Connecticut	3,700,000	4,307	3,677	1.17x	17% Worse	1,164
Massachusetts	6,700,000	8,013	6,679	1.20x	20% Worse	1,196
New Jersey	9,200,000	15,057	9,171	1.64x	64% Worse	1,637
New York State	19,500,000	31,421	19,439	1.62x	62% Worse	1,611
New York City (all boroughs)	8,442,000	22,371	8,415	2.66x	166% Worse	2,650
Brooklyn	2,600,000	7,011	2,592	2.70x	170% Worse	2,697
Queens	2,297,000	6,589	2,290	2.88x	188% Worse	2,869
Bronx	1,440,000	4,667	1,435	3.25x	225% Worse	3,241
Manhattan	1,630,000	3,065	1,625	1.89x	89% Worse	1,880
Staten Island	475,000	1,039	474	2.19x	119% Worse	2,187

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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	1,587	1,587	1.00x "The Gauge"	Better or Worse Than PE's 0%	997
Portugal	10,197,000	1,561	10,165	.15x	85% Better	153
Switzerland	8,655,000	1,962	8,628	.23x	77% Better	227
Ireland	4,938,000	1,730	4,922	.35x	65% Better	350
Netherlands	17,135,000	6,105	17,081	.36x	64% Better	356
France	65,274,000	29,778	65,069	.46x	54% Better	456
Italy	60,462,000	34,708	58,411	.59x	41% Better	574
Spain	46,755,000	28,338	46,608	.61x	39% Better	606
United Kingdom	67,886,000	43,414	67,673	.64x	36% Better	640
Belgium	11,590,000	9,732	11,554	.84x	16% Better	840

**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	1,587	1,587	1.00x "The Gauge"	Better or Worse Than PE's 0%	997
Iceland	364,000	10	363	.03x	97% Better	27
Norway	5,415,000	249	5,398	.05x	95% Better	46
Finland	5,541,000	328	5,524	.06x	94% Better	59
Denmark	5,792,000	604	5,774	.10x	90% Better	104
Germany	83,784,000	9,026	83,521	.11x	89% Better	108
Sweden	10,090,000	5,280	10,058	.52x	48% Better	523

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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	48	48	1.00x "The Gauge"	Better or Worse Than SFE's 0%	53
China (All Provinces)	1,438,510,000	4,634	76,721	.06x	94% Better	3
Hubei Province China	58,500,000	4,512 (97.4% of PRC)	3,120	1.45x	45% Worse	77
Beijing Province China	20,463,000	9	978	.01x	99% Better	.44
South Korea	51,262,000	282	2,734	.10x	90% Better	6
Japan	126,476,000	969	6,745	.14x	86% Better	8
Iran	82,914,000	10,364	4,635	2.24x	124% Worse	125
Russian Federation	145,934,000	8,969	7,783	1.15x	15% Worse	61

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

San Francisco, California	900,000	48	48	1.00x "The Gauge"	Better or Worse Than SFE's 0%	53
Oregon	4,220,000	188	225	.84x	16% Better	45
Multnomah County, OR	813,000	70	43	1.63x	63% Worse	86
California	40,000,000	5,872	2,133	2.75x	175% Worse	147
Washington	7,615,000	1,305	406	3.21x	221% Worse	171
King County, WA	2,204,000	607	118	5.14x	414% Worse	275
Snohomish County, WA	822,000	167	44	3.80x	280% Worse	203
Pierce County, WA	905,000	97	48	2.02x	102% Worse	107
Whatcom County, WA	222,000	40	12	3.33x	233% Worse	180
Benton County, WA	205,000	76	11	6.91x	591% Worse	370
Six Peninsula Counties of WA	850,000	11	45	.24x	76% Better	13
Hawaii	1,416,000	17	76	.22x	78% Better	12