

**ANALYSIS OF TOTAL COVID-19 DEATH TOTALS AS OF SATURDAY, 1 AUGUST 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	1,690	1,690	1.00x "The Gauge"	Better or Worse Than PE's 0%	1,062
Pennsylvania	12,700,000	7,281	13,482	.54x	46% Better	569
Rhode Island	1,000,000	1,007	1,062	.95x	5% Better	951
Connecticut	3,700,000	4,432	3,928	1.13x	13% Worse	1,243
Massachusetts	6,700,000	8,609	7,112	1.21x	21% Worse	1,249
New Jersey	9,200,000	15,897	9,766	1.63x	63% Worse	1,790
New York State	19,500,000	32,765	20,700	1.58x	58% Worse	1,684
New York City (all boroughs)	8,442,000	23,497	8,962	2.62x	162% Worse	3,157
Brooklyn	2,600,000	7,247	2,760	2.63x	163% Worse	2,787
Queens	2,297,000	7,175	2,438	2.94x	194% Worse	3,124
Bronx	1,440,000	4,853	1,529	3.17x	217% Worse	3,370
Manhattan	1,630,000	3,146	1,730	1.89x	89% Worse	1,930
Staten Island	475,000	1,076	504	2.13x	113% Worse	2,265

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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	1,690	1,690	1.00x "The Gauge"	Better or Worse Than PE's 0%	1,062
Portugal	10,197,000	1,735	10,825	.16x	84% Better	170
Switzerland	8,655,000	1,981	9,188	.22x	78% Better	229
Ireland	4,938,000	1,763	5,242	.34x	66% Better	357
Netherlands	17,135,000	6,148	18,190	.34x	66% Better	359
France	65,274,000	30,265	69,292	.44x	56% Better	464
Italy	60,462,000	35,141	64,184	.55x	45% Better	581
Spain	46,755,000	28,445	49,633	.57x	43% Better	608
United Kingdom	67,886,000	46,119	72,065	.64x	36% Better	679
Belgium	11,590,000	9,841	12,303	.80x	20% Better	849

**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	1,690	1,690	1.00x "The Gauge"	Better or Worse Than PE's 0%	1,062
Iceland	364,000	10	386	.03x	97% Better	29
Norway	5,415,000	255	5,748	.04x	96% Better	47
Finland	5,541,000	329	5,882	.06x	94% Better	59
Denmark	5,792,000	615	6,149	.10x	90% Better	106
Germany	83,784,000	9,224	88,942	.10x	90% Better	110
Sweden	10,090,000	5,743	10,711	.54x	46% Better	568

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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	59	59	1.00x "The Gauge"	Better or Worse Than SFE's 0%	66
China (All Provinces)	1,438,510,000	4,634	94,302	.05x	95% Better	3
Hubei Province China	58,500,000	4,512 (97.4% of PRC)	3,835	1.18x	18% Worse	77
Beijing Province China	20,463,000	9	1,341	.01x	99% Better	.44
South Korea	51,262,000	301	3,361	.09x	91% Better	6
Japan	126,476,000	1,006	8,291	.12x	88% Better	8
Iran	82,914,000	16,990	5,435	3.13x	213% Worse	202
Russian Federation	145,934,000	14,058	9,567	1.47x	47% Worse	96

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

San Francisco, California	900,000	59	59	1.00x "The Gauge"	Better or Worse Than SFE's 0%	66
Oregon	4,220,000	322	277	1.16x	16% Worse	76
Multnomah County, OR	813,000	94	53	1.77x	77% Worse	116
California	40,000,000	9,194	2,622	3.51x	251% Worse	233
Washington	7,615,000	1,573	499	3.15x	215% Worse	207
King County, WA	2,204,000	649	144	4.51x	351% Worse	294
Snohomish County, WA	822,000	186	54	3.44x	244% Worse	226
Pierce County, WA	905,000	125	59	2.12x	112% Worse	138
Whatcom County, WA	222,000	37	15	2.47x	147% Worse	167
Yakima County, WA	251,000	204	16	12.75x	1,175% Worse	813
Benton County, WA	205,000	107	13	8.23x	723% Worse	522
Franklin County, WA	96,000	46	6	7.67x	667% Worse	479
Six Peninsula Counties of WA	850,000	16	56	.29x	71% Better	19
Hawaii	1,416,000	26	93	.28x	72% Better	18