

**ANALYSIS OF TOTAL COVID-19 DEATH TOTALS AS OF SATURDAY, 5 SEPTEMBER 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	1,771	1,771	1.00x "The Gauge"	Better or Worse Than PE's 0%	1,112
Pennsylvania	12,700,000	7,840	14,128	.55x	45% Better	612
Rhode Island	1,000,000	1,055	1,112	.95x	5% Better	996
Connecticut	3,700,000	4,468	4,116	1.09x	9% Worse	1,253
Massachusetts	6,700,000	9,100	7,453	1.22x	22% Worse	1,320
New Jersey	9,200,000	16,083	10,234	1.57x	57% Worse	1,811
New York State	19,500,000	33,065	21,693	1.52x	52% Worse	1,700
New York City (all boroughs)	8,442,000	23,695	9,391	2.52x	152% Worse	2,807
Brooklyn	2,600,000	7,290	2,892	2.52x	152% Worse	2,804
Queens	2,297,000	7,231	2,555	2.83x	183% Worse	3,148
Bronx	1,440,000	4,917	1,602	3.07x	207% Worse	3,415
Manhattan	1,630,000	3,172	1,813	1.75x	75% Worse	1,946
Staten Island	475,000	1,085	528	2.05x	105% Worse	2,284

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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 MULTIPLIER	PE SCORE PERCENTAGE	DPM
Philadelphia, Pennsylvania	1,592,000	1,771	1,771	1.00x "The Gauge"	Better or Worse Than PE's 0%	1,112
Portugal	10,197,000	1,833	11,344	.16x	84% Better	180
Switzerland	8,655,000	2,013	9,628	.21x	79% Better	232
Ireland	4,938,000	1,777	5,493	.32x	68% Better	359
Netherlands	17,135,000	6,237	19,062	.33x	67% Better	364
France	65,274,000	30,724	72,613	.42x	58% Better	471
Italy	60,462,000	35,518	67,260	.53x	47% Better	588
Spain	46,755,000	29,418	52,012	.57x	43% Better	629
United Kingdom	67,886,000	41,537	75,519	.55x	45% Better	611
Belgium	11,590,000	9,901	12,893	.77x	23% Better	854

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

JURISDICTION	POPULATION	TOTAL CV-19 DEATHS	PHILADELPHIA EQUIVALENT	PE SCORE MULTIPLIER	PE SCORE PERCENTAGE	DPM
Philadelphia, Pennsylvania	1,592,000	1,771	1,771	1.00x "The Gauge"	Better or Worse Than PE's 0%	1,112
Iceland	364,000	10	405	.02x	98% Better	29
Norway	5,415,000	264	6,024	.04x	96% Better	49
Finland	5,541,000	336	6,164	.05x	95% Better	61
Denmark	5,792,000	627	6,443	.10x	90% Better	108
Germany	83,784,000	9,401	93,204	.10x	90% Better	112
Sweden	10,090,000	5,835	11,224	.52x	48% Better	577

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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 MULIPLIER	SFE SCORE PERCENTAGE	DPM
San Francisco, California	900,000	84	84	1.00x "The Gauge"	Better or Worse Than SFE's 0%	93
China (All Provinces)	1,438,510,000	4,634	134,261	.03x	97% Better	3
Hubei Province China	58,500,000	4,512 (97.4% of PRC)	5,460	.83x	17% Better	77
Beijing Province China	20,463,000	9	1,910	.005x	99.5% Better	.44
South Korea	51,262,000	333	4,784	.07x	93% Better	6
Japan	126,476,000	1,330	11,804	.11x	89% Better	11
Iran	82,914,000	22,154	7,739	2.86x	186% Worse	263
Russian Federation	145,934,000	17,759	13,621	1.30x	30% Worse	122

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

San Francisco, California	900,000	84	84	1.00x "The Gauge"	Better or Worse Than SFE's 0%	93
Oregon	4,220,000	475	394	1.21x	21% Worse	113
Multnomah County, OR	813,000	126	76	1.66x	66% Worse	155
California	40,000,000	13,646	3,733	3.66x	266% Worse	345
Washington	7,615,000	1,953	711	2.75x	175% Worse	256
King County, WA	2,204,000	735	206	3.57x	257% Worse	333
Snohomish County, WA	822,000	207	77	2.69x	169% Worse	252
Pierce County, WA	905,000	177	84	2.11x	111% Worse	196
Whatcom County, WA	222,000	39	21	1.86x	86% Worse	176
Yakima County, WA	251,000	243	23	10.57x	957% Worse	968
Benton County, WA	205,000	125	19	6.58x	558% Worse	610
Franklin County, WA	96,000	58	9	6.44x	544% Worse	604
Six Peninsula Counties of WA	850,000	38	79	.48x	52% Better	45
Hawaii	1,416,000	81	132	.61x	39% Better	57