

ANALYSIS OF TOTAL COVID-19 DEATH TOTALS AS OF SATURDAY, 15 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	1,732	1,732	1.00x "The Gauge"	Better or Worse Than PE's 0%	1,088
Pennsylvania	12,700,000	7,543	13,817	.55x	45% Better	589
Rhode Island	1,000,000	1,021	1,088	.94x	6% Better	964
Connecticut	3,700,000	4,453	4,025	1.11x	11% Worse	1,249
Massachusetts	6,700,000	8,810	7,289	1.21x	21% Worse	1,278
New Jersey	9,200,000	15,973	10,009	1.60x	60% Worse	1,798
New York State	19,500,000	32,895	21,215	1.55x	55% Worse	1,691
New York City (all boroughs)	8,442,000	23,585	9,184	2.57x	157% Worse	2,794
Brooklyn	2,600,000	7,266	2,829	2.57x	157% Worse	2,795
Queens	2,297,000	7,207	2,499	2.88x	188% Worse	3,138
Bronx	1,440,000	4,876	1,567	3.11x	211% Worse	3,386
Manhattan	1,630,000	3,159	1,773	1.78x	78% Worse	1,983
Staten Island	475,000	1,077	517	2.08x	108% Worse	2,267

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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	1,732	1,732	1.00x "The Gauge"	Better or Worse Than PE's 0%	1,088
Portugal	10,197,000	1,775	11,094	.16x	84% Better	174
Switzerland	8,655,000	1,991	9,416	.21x	79% Better	230
Ireland	4,938,000	1,774	5,372	.33x	67% Better	359
Netherlands	17,135,000	6,169	18,642	.33x	67% Better	360
France	65,274,000	30,406	71,014	.43x	57% Better	466
Italy	60,462,000	35,392	65,779	.54x	46% Better	585
Spain	46,755,000	28,617	50,867	.56x	44% Better	612
United Kingdom	67,886,000	41,361	73,856	.56x	44% Better	609
Belgium	11,590,000	9,924	12,609	.79x	21% Better	856

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	1,732	1,732	1.00x "The Gauge"	Better or Worse Than PE's 0%	1,088
Iceland	364,000	10	396	.03x	97% Better	29
Norway	5,415,000	261	5,891	.04x	96% Better	48
Finland	5,541,000	333	6,028	.06x	94% Better	60
Denmark	5,792,000	621	6,301	.10x	90% Better	107
Germany	83,784,000	9,289	91,152	.10x	90% Better	111
Sweden	10,090,000	5,783	10,977	.53x	47% Better	572

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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	69	69	1.00x "The Gauge"	Better or Worse Than SFE's 0%	77
China (All Provinces)	1,438,510,000	4,634	110,286	.04x	96% Better	3
Hubei Province China	58,500,000	4,512 (97.4% of PRC)	4,485	1.01x	1% Worse	77
Beijing Province China	20,463,000	9	1,569	.01x	99% Better	.44
South Korea	51,262,000	305	3,930	.08x	99% Better	6
Japan	126,476,000	1,073	9,696	.11x	89% Better	8
Iran	82,914,000	19,492	6,357	3.07x	207% Worse	232
Russian Federation	145,934,000	15,617	11,188	1.40x	40% Worse	107

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

San Francisco, California	900,000	69	69	1.00x "The Gauge"	Better or Worse Than SFE's 0%	77
Oregon	4,220,000	385	324	1.19x	19% Worse	91
Multnomah County, OR	813,000	103	62	1.66x	66% Worse	127
California	40,000,000	11,149	3,067	3.64x	264% Worse	282
Washington	7,615,000	1,757	584	3.01x	201% Worse	231
King County, WA	2,204,000	689	169	4.08x	308% Worse	313
Snohomish County, WA	822,000	202	63	3.21x	221% Worse	246
Pierce County, WA	905,000	146	69	2.16x	116% Worse	161
Whatcom County, WA	222,000	39	17	2.29x	129% Worse	176
Yakima County, WA	251,000	218	19	11.47x	1,047% Worse	869
Benton County, WA	205,000	121	16	7.56x	656% Worse	590
Franklin County, WA	96,000	51	7	7.29x	629% Worse	531
Six Peninsula Counties of WA	850,000	24	65	.37x	63% Better	28
Hawaii	1,416,000	40	109	.37x	63% Better	28