

ANALYSIS OF TOTAL COVID-19 DEATH TOTALS AS OF SATURDAY, 18 JULY 2020

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JURISDICTIONS IN THE AMERICAN NORTHEAST APPARENTLY AFFECTED BY THE 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	1,665	1,665	1.00x "The Gauge"	Better or Worse Than PE's 0%	1,046
Pennsylvania	12,700,000	7,068	13,282	.53x	47% Better	557
Rhode Island	1,000,000	990	1,046	.95x	5% Better	990
Connecticut	3,700,000	4,396	3,870	1.14x	14% Worse	1,188
Massachusetts	6,700,000	8,402	7,007	1.20x	20% Worse	1,254
New Jersey	9,200,000	15,756	9,622	1.64x	64% Worse	1,713
New York State	19,500,000	32,535	20,394	1.60x	60% Worse	1,668
New York City (all boroughs)	8,442,000	23,340	8,829	2.64x	164% Worse	2,765
Brooklyn	2,600,000	7,195	2,719	2.65x	165% Worse	2,767
Queens	2,297,000	7,124	2,402	2.97x	197% Worse	3,101
Bronx	1,440,000	4,812	1,506	3.20x	220% Worse	3,342
Manhattan	1,630,000	3,135	1,705	1.84x	84% Worse	1,923
Staten Island	475,000	1,074	497	2.16x	116% Worse	2,261

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**I. WEST EUROPEAN NATIONS COMPARED TO THEIR PHILADELPHIA EQUIVALENTS,
ASSUMING THAT THE MOST AFFECTED WEST EUROPEAN JURISDICTIONS ARE ENDURING THE
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	1,665	1,665	1.00x "The Gauge"	Better or Worse Than PE's 0%	1,046
Portugal	10,197,000	1,684	10,665	.16x	84% Better	165
Switzerland	8,655,000	1,969	9,052	.22x	78% Better	227
Ireland	4,938,000	1,752	5,164	.34x	66% Better	355
Netherlands	17,135,000	6,136	17,921	.34x	66% Better	358
France	65,274,000	30,152	68,267	.44x	56% Better	462
Italy	60,462,000	35,028	63,234	.55x	45% Better	579
Spain	46,755,000	28,420	48,899	.58x	42% Better	608
United Kingdom	67,886,000	45,233	70,999	.64x	36% Better	666
Belgium	11,590,000	9,800	12,121	.81x	19% Better	845

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	1,665	1,665	1.00x "The Gauge"	Better or Worse Than PE's 0%	1,046
Iceland	364,000	10	381	.03x	97% Better	29
Norway	5,415,000	255	5,663	.05x	95% Better	47
Finland	5,541,000	328	5,795	.06x	94% Better	59
Denmark	5,792,000	611	6,058	.10x	90% Better	105
Germany	83,784,000	9,162	87,626	.10x	90% Better	109
Sweden	10,090,000	5,619	10,553	.53x	47% Better	556

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I. EURASIAN & U.S. JURISDICTIONS APPARENTLY AFFECTED BY THE 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	52	52	1.00x "The Gauge"	Better or Worse Than SFE's 0%	58
China (All Provinces)	1,438,510,000	4,634	79,917	.06x	94% Better	3
Hubei Province China	58,500,000	4,512 (97.4% of PRC)	3,250	1.39x	39% Worse	77
Beijing Province China	20,463,000	9	1,137	.01x	99% Better	.44
South Korea	51,262,000	294	2,962	.10x	90% Better	6
Japan	126,476,000	985	7,308	.13x	87% Better	8
Iran	82,914,000	13,979	4,791	2.92x	192% Worse	166
Russian Federation	145,934,000	12,247	8,431	1.45x	45% Worse	84

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

San Francisco, California	900,000	52	52	1.00x "The Gauge"	Better or Worse Than SFE's 0%	58
Oregon	4,220,000	254	244	1.04x	4% Worse	60
Multnomah County, OR	813,000	76	47	1.62x	62% Worse	93
California	40,000,000	7,611	2,311	3.29x	229% Worse	190
Washington	7,615,000	1,442	440	3.28x	228% Worse	189
King County, WA	2,204,000	631	127	4.97x	397% Worse	286
Snohomish County, WA	822,000	181	47	3.85x	285% Worse	220
Pierce County, WA	905,000	110	52	2.12x	112% Worse	122
Whatcom County, WA	222,000	37	13	2.85x	185% Worse	167
Yakima County, WA	251,000	191	15	12.73x	1,173% Worse	761
Benton County, WA	205,000	98	12	8.17x	717% Worse	478
Franklin County, WA	96,000	41	6	6.83x	583% Worse	427
Six Peninsula Counties of WA	850,000	11	49	.22x	78% Better	13
Hawaii	1,416,000	24	82	.29x	71% Better	17