

ANALYSIS OF TOTAL COVID-19 DEATH TOTALS AS OF SATURDAY, 10 OCTOBER 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	1,854	1,854	1.00x "The Gauge"	Better or Worse Than PE's 0%	1,165
Pennsylvania	12,700,000	8,427	14,790	.57x	43% Better	658
Rhode Island	1,000,000	1,130	1,165	.97x	3% Better	1,067
Connecticut	3,700,000	4,530	4,309	1.05x	5% Worse	1,271
Massachusetts	6,700,000	9,577	7,803	1.23x	23% Worse	1,389
New Jersey	9,200,000	16,287	10,714	1.52x	52% Worse	1,834
New York State	19,500,000	33,376	22,709	1.47x	47% Worse	1,716
New York City (all boroughs)	8,442,000	23,861	9,831	2.43x	143% Worse	2,826
Brooklyn	2,600,000	7,350	3,028	2.43x	143% Worse	2,827
Queens	2,297,000	7,275	2,675	2.72x	172% Worse	3,167
Bronx	1,440,000	4,966	1,677	2.96x	196% Worse	3,449
Manhattan	1,630,000	3,182	1,898	1.68x	68% Worse	1,952
Staten Island	475,000	1,088	553	1.97x	97% Worse	2,291

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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	1,854	1,854	1.00x "The Gauge"	Better or Worse Than PE's 0%	1,165
Portugal	10,197,000	2,067	11,875	.17x	83% Better	203
Switzerland	8,655,000	2,088	9,971	.21x	79% Better	241
Ireland	4,938,000	1,824	5,751	.32x	68% Better	368
Netherlands	17,135,000	6,567	19,955	.33x	67% Better	383
France	65,274,000	32,583	76,016	.43x	57% Better	499
Italy	60,462,000	36,140	70,412	.51x	49% Better	598
Spain	46,755,000	32,929	54,450	.60x	40% Better	704
United Kingdom	67,886,000	42,679	79,058	.54x	46% Better	628
Belgium	11,590,000	10,151	13,497	.75x	25% Better	875

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	1,854	1,854	1.00x "The Gauge"	Better or Worse Than PE's 0%	1,165
Iceland	364,000	10	424	.02x	98% Better	29
Norway	5,415,000	275	6,306	.04x	96% Better	51
Finland	5,541,000	346	6,453	.05x	95% Better	62
Denmark	5,792,000	667	6,745	.10x	90% Better	115
Germany	83,784,000	9,690	97,573	.10x	90% Better	116
Sweden	10,090,000	5,894	11,751	.50x	50% Better	583

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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	121	121	1.00x "The Gauge"	Better or Worse Than SFE's 0%	134
China (All Provinces)	1,438,510,000	4,634	193,400	.02x	98% Better	3
Hubei Province China	58,500,000	4,512 (97.4% of PRC)	7,865	.57x	43% Better	77
Beijing Province China	20,463,000	9	2,751	.003x	99.7% Better	.44
South Korea	51,262,000	430	6,892	.06x	94% Better	8
Japan	126,476,000	1,624	17,004	.10x	90% Better	13
Iran	82,914,000	28,293	11,147	2.54x	154% Worse	336
Russian Federation	145,934,000	22,454	19,620	1.14x	114% Worse	154

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

San Francisco, California	900,000	121	121	1.00x "The Gauge"	Better or Worse Than SFE's 0%	134
Oregon	4,220,000	597	567	1.05x	5% Worse	142
Multnomah County, OR	813,000	146	109	1.34x	34% Worse	180
California	40,000,000	16,509	5,378	3.07x	207% Worse	418
Washington	7,615,000	2,193	1,024	2.14x	114% Worse	288
King County, WA	2,204,000	784	296	2.65x	165% Worse	356
Snohomish County, WA	822,000	218	111	1.96x	96% Worse	265
Pierce County, WA	905,000	210	122	1.72x	72% Worse	232
Whatcom County, WA	222,000	48	30	1.60x	60% Worse	216
Yakima County, WA	251,000	263	34	7.74x	674% Worse	1,048
Benton County, WA	205,000	132	28	4.71x	371% Worse	644
Franklin County, WA	96,000	66	13	5.08x	408% Worse	688
Six Peninsula Counties of WA	850,000	60	121	.50x	50% Better	67
Hawaii	1,416,000	166	190	.87x	13% Better	117