

ANALYSIS OF TOTAL COVID-19 DEATH TOTALS AS OF SATURDAY, 17 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	1,866	1,866	1.00x "The Gauge"	Better or Worse Than PE's 0%	1,172
Pennsylvania	12,700,000	8,542	14,886	.57x	43% Better	667
Rhode Island	1,000,000	1,152	1,172	.98x	2% Better	1,087
Connecticut	3,700,000	4,542	4,337	1.05x	5% Worse	1,274
Massachusetts	6,700,000	9,702	7,853	1.24x	24% Worse	1,408
New Jersey	9,200,000	16,330	10,783	1.51x	51% Worse	1,839
New York State	19,500,000	33,451	22,856	1.46x	46% Worse	1,720
New York City (all boroughs)	8,442,000	23,897	9,895	2.41x	141% Worse	2,831
Brooklyn	2,600,000	7,365	3,047	2.42x	142% Worse	2,833
Queens	2,297,000	7,282	2,692	2.71x	171% Worse	3,170
Bronx	1,440,000	4,973	1,688	2.95x	195% Worse	3,453
Manhattan	1,630,000	3,188	1,910	1.67x	67% Worse	1,956
Staten Island	475,000	1,089	557	1.96x	96% Worse	2,293

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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	1,866	1,866	1.00x "The Gauge"	Better or Worse Than PE's 0%	1,172
Portugal	10,197,000	2,162	11,952	.18x	82% Better	212
Switzerland	8,655,000	2,122	10,145	.21x	79% Better	245
Ireland	4,938,000	1,841	5,788	.32x	68% Better	372
Netherlands	17,135,000	6,737	20,084	.34x	66% Better	393
France	65,274,000	33,303	76,508	.44x	56% Better	510
Italy	60,462,000	36,474	70,868	.51x	49% Better	604
Spain	46,755,000	33,775	54,802	.62x	38% Better	722
United Kingdom	67,886,000	43,579	79,570	.55x	45% Better	641
Belgium	11,590,000	10,359	13,585	.76x	24% Better	893

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	1,866	1,866	1.00x "The Gauge"	Better or Worse Than PE's 0%	1,172
Iceland	364,000	11	427	.03x	97% Better	32
Norway	5,415,000	278	6,347	.04x	96% Better	51
Finland	5,541,000	351	6,495	.05x	95% Better	63
Denmark	5,792,000	679	6,789	.10x	90% Better	117
Germany	83,784,000	9,845	98,204	.10x	90% Better	117
Sweden	10,090,000	5,918	11,827	.50x	50% Better	585

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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	130	130	1.00x "The Gauge"	Better or Worse Than SFE's 0%	144
China (All Provinces)	1,438,510,000	4,634	207,785	.02x	98% Better	3
Hubei Province China	58,500,000	4,512 (97.4% of PRC)	8,450	.53x	47% Better	77
Beijing Province China	20,463,000	9	2,956	.003x	99.7% Better	.44
South Korea	51,262,000	443	7,405	.06x	94% Better	9
Japan	126,476,000	1,161	18,269	.09x	91% Better	13
Iran	82,914,000	30,123	11,976	2.52x	152% Worse	357
Russian Federation	145,934,000	24,002	21,079	1.14x	14% Worse	164

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

San Francisco, California	900,000	130	130	1.00x "The Gauge"	Better or Worse Than SFE's 0%	144
Oregon	4,220,000	617	610	1.01x	1% Worse	146
Multnomah County, OR	813,000	152	117	1.30x	30% Worse	187
California	40,000,000	16,905	5,778	2.93x	193% Worse	428
Washington	7,615,000	2,244	1,100	2.04x	104% Worse	295
King County, WA	2,204,000	792	318	2.49x	149% Worse	359
Snohomish County, WA	822,000	220	119	1.84x	84% Worse	268
Pierce County, WA	905,000	217	131	1.65x	65% Worse	240
Whatcom County, WA	222,000	49	32	1.53x	53% Worse	221
Yakima County, WA	251,000	267	36	7.42x	642% Worse	1,064
Benton County, WA	205,000	132	30	4.40x	340% Worse	644
Franklin County, WA	96,000	67	14	4.79x	379% Worse	698
Six Peninsula Counties of WA	900,000	65	130	.50x	50% Better	72
Hawaii	1,416,000	185	205	.90x	10% Better	131