

ANALYSIS OF TOTAL COVID-19 DEATH TOTALS AS OF SATURDAY, 24 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	1,874	1,874	1.00x "The Gauge"	Better or Worse Than PE's 0%	1,177
Pennsylvania	12,700,000	8,729	14,950	.58x	42% Better	687
Rhode Island	1,000,000	1,177	1,177	1.00x	Equals Philadelphia Equivalent	1,111
Connecticut	3,700,000	4,577	4,355	1.05x	5% Worse	1,284
Massachusetts	6,700,000	9,830	7,887	1.25x	25% Worse	1,426
New Jersey	9,200,000	16,405	10,830	1.51x	51% Worse	1,847
New York State	19,500,000	33,549	22,954	1.46x	46% Worse	1,725
New York City (all boroughs)	8,442,000	23,942	9,937	2.41x	141% Worse	2,836
Brooklyn	2,600,000	7,381	3,061	2.41x	141% Worse	2,839
Queens	2,297,000	7,290	2,704	2.70x	170% Worse	3,174
Bronx	1,440,000	4,985	1,695	2.94x	194% Worse	3,462
Manhattan	1,630,000	3,192	1,919	1.66x	66% Worse	1,958
Staten Island	475,000	1,094	559	1.96x	96% Worse	2,303

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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	1,874	1,874	1.00x "The Gauge"	Better or Worse Than PE's 0%	1,177
Portugal	10,197,000	2,297	12,003	.19x	81% Better	225
Switzerland	8,655,000	2,071	10,188	.20x	80% Better	239
Ireland	4,938,000	1,878	5,813	.32x	68% Better	379
Netherlands	17,135,000	7,019	20,170	.35x	65% Better	409
France	65,274,000	34,508	76,836	.45x	55% Better	528
Italy	60,462,000	37,210	71,172	.52x	48% Better	616
Spain	46,755,000	34,752	55,037	.63x	37% Better	743
United Kingdom	67,886,000	44,745	79,911	.56x	44% Better	658
Belgium	11,590,000	10,658	13,643	.78x	22% Better	918

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	1,874	1,874	1.00x "The Gauge"	Better or Worse Than PE's 0%	1,177
Iceland	364,000	11	428	.03x	97% Better	32
Norway	5,415,000	279	6,374	.04x	96% Better	51
Finland	5,541,000	353	6,523	.05x	95% Better	64
Denmark	5,792,000	700	6,818	.10x	90% Better	121
Germany	83,784,000	10,097	98,625	.10x	90% Better	120
Sweden	10,090,000	5,933	11,877	.50x	50% Better	586

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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	140	140	1.00x "The Gauge"	Better or Worse Than SFE's 0%	156
China (All Provinces)	1,438,510,000	4,634	223,768	.02x	98% Better	3
Hubei Province China	58,500,000	4,512 (97.4% of PRC)	9,100	.50x	50% Better	77
Beijing Province China	20,463,000	9	3,183	.003x	99.7% Better	.44
South Korea	51,262,000	457	7,974	.06x	94% Better	9
Japan	126,476,000	1,694	19,674	.09x	91% Better	13
Iran	82,914,000	32,320	12,898	2.51x	151% Worse	383
Russian Federation	145,934,000	25,821	22,701	1.14x	14% Worse	177

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

San Francisco, California	900,000	140	140	1.00x "The Gauge"	Better or Worse Than SFE's 0%	156
Oregon	4,220,000	649	656	.99x	1% Better	154
Multnomah County, OR	813,000	160	126	1.27x	27% Worse	197
California	40,000,000	17,317	6,222	2.78x	178% Worse	438
Washington	7,615,000	2,299	1,185	1.94x	94% Worse	302
King County, WA	2,204,000	798	343	2.33x	133% Worse	362
Snohomish County, WA	822,000	228	128	1.78x	78% Worse	277
Pierce County, WA	905,000	219	141	1.55x	55% Worse	242
Whatcom County, WA	222,000	49	35	1.40x	40% Worse	221
Yakima County, WA	251,000	271	39	6.95x	595% Worse	1,080
Benton County, WA	205,000	134	32	4.19x	319% Worse	654
Franklin County, WA	96,000	67	15	4.47x	347% Worse	698
Six Peninsula Counties of WA	900,000	72	140	.51x	49% Better	80
Hawaii	1,416,000	209	220	.95x	5% Better	148