

ANALYSIS OF TOTAL COVID-19 DEATH TOTALS AS OF SATURDAY, 19 SEPTEMBER 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	1,803	1,803	1.00x "The Gauge"	Better or Worse Than PE's 0%	1,133
Pennsylvania	12,700,000	8,022	14,383	.56x	44% Better	627
Rhode Island	1,000,000	1,088	1,133	.96x	4% Better	1,027
Connecticut	3,700,000	4,492	4,190	1.07x	7% Worse	1,260
Massachusetts	6,700,000	9,269	7,588	1.22x	22% Worse	1,345
New Jersey	9,200,000	16,184	10,419	1.55x	55% Worse	1,822
New York State	19,500,000	33,172	22,084	1.50x	50% Worse	1,705
New York City (all boroughs)	8,442,000	23,756	9,561	2.48x	148% Worse	2,814
Brooklyn	2,600,000	7,314	2,945	2.48x	148% Worse	2,813
Queens	2,297,000	7,239	2,601	2.78x	178% Worse	3,152
Bronx	1,440,000	4,940	1,631	3.03x	203% Worse	3,431
Manhattan	1,630,000	3,178	1,846	1.72x	72% Worse	1,950
Staten Island	475,000	1,085	538	2.02x	102% Worse	2,284

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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	1,803	1,803	1.00x "The Gauge"	Better or Worse Than PE's 0%	1,133
Portugal	10,197,000	1,899	11,548	.16x	84% Better	186
Switzerland	8,655,000	2,045	9,802	.21x	79% Better	236
Ireland	4,938,000	1,792	5,592	.32x	68% Better	362
Netherlands	17,135,000	6,275	19,406	.32x	68% Better	366
France	65,274,000	31,249	73,925	.42x	58% Better	479
Italy	60,462,000	35,668	68,475	.52x	48% Better	590
Spain	46,755,000	30,495	52,952	.58x	42% Better	652
United Kingdom	67,886,000	41,732	76,883	.54x	46% Better	614
Belgium	11,590,000	9,937	13,126	.76x	24% Better	857

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	1,803	1,803	1.00x "The Gauge"	Better or Worse Than PE's 0%	1,133
Iceland	364,000	10	412	.02x	98% Better	29
Norway	5,415,000	267	6,133	.04x	96% Better	49
Finland	5,541,000	339	6,275	.05x	95% Better	61
Denmark	5,792,000	635	6,560	.10x	90% Better	110
Germany	83,784,000	9,466	94,889	.10x	90% Better	113
Sweden	10,090,000	5,865	11,427	.51x	49% Better	580

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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	96	96	1.00x "The Gauge"	Better or Worse Than SFE's 0%	107
China (All Provinces)	1,438,510,000	4,634	153,441	.03x	97% Better	3
Hubei Province China	58,500,000	4,512 (97.4% of PRC)	6,240	.72x	28% Better	77
Beijing Province China	20,463,000	9	2,183	.004x	99.6% Better	.44
South Korea	51,262,000	378	5,468	.07x	93% Better	7
Japan	126,476,000	1,482	13,491	.11x	89% Better	12
Iran	82,914,000	24,118	8,844	2.73x	173% Worse	286
Russian Federation	145,934,000	19,339	15,566	1.24x	24% Worse	133

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

San Francisco, California	900,000	96	96	1.00x "The Gauge"	Better or Worse Than SFE's 0%	107
Oregon	4,220,000	521	450	1.16x	16% Worse	124
Multnomah County, OR	813,000	132	87	1.52x	52% Worse	162
California	40,000,000	14,912	4,267	3.49x	249% Worse	377
Washington	7,615,000	2,037	812	2.51x	151% Worse	268
King County, WA	2,204,000	751	235	3.20x	220% Worse	341
Snohomish County, WA	822,000	210	88	2.39x	139% Worse	255
Pierce County, WA	905,000	192	97	1.98x	98% Worse	212
Whatcom County, WA	222,000	40	24	1.67x	67% Worse	180
Yakima County, WA	251,000	256	27	9.48x	848% Worse	1,020
Benton County, WA	205,000	127	22	5.77x	477% Worse	620
Franklin County, WA	96,000	63	10	6.30x	530% Worse	656
Six Peninsula Counties of WA	900,000	43	96	.45x	55% Better	48
Hawaii	1,416,000	120	151	.79x	21% Better	85