

**ANALYSIS OF TOTAL COVID-19 DEATH TOTALS AS OF SATURDAY, 12 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	1,784	1,784	1.00x "The Gauge"	Better or Worse Than PE's 0%	1,121
Pennsylvania	12,700,000	7,932	14,232	.56x	44% Better	620
Rhode Island	1,000,000	1,071	1,121	.96x	4% Better	1,011
Connecticut	3,700,000	4,480	4,146	1.08x	8% Worse	1,257
Massachusetts	6,700,000	9,180	7,508	1.22x	22% Worse	1,332
New Jersey	9,200,000	16,148	10,310	1.57x	57% Worse	1,818
New York State	19,500,000	33,109	21,852	1.52x	52% Worse	1,702
New York City (all boroughs)	8,442,000	23,724	9,460	2.51x	151% Worse	2,810
Brooklyn	2,600,000	7,299	2,914	2.50x	150% Worse	2,807
Queens	2,297,000	7,231	2,574	2.81x	181% Worse	3,148
Bronx	1,440,000	4,931	1,614	3.06x	206% Worse	3,424
Manhattan	1,630,000	3,179	1,827	1.74x	74% Worse	1,950
Staten Island	475,000	1,084	532	2.04x	104% Worse	2,282

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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	1,784	1,784	1.00x "The Gauge"	Better or Worse Than PE's 0%	1,121
Portugal	10,197,000	1,860	11,427	.16x	84% Better	183
Switzerland	8,655,000	2,020	9,699	.21x	79% Better	233
Ireland	4,938,000	1,783	5,534	.32x	68% Better	360
Netherlands	17,135,000	6,253	19,202	.33x	67% Better	365
France	65,274,000	30,893	73,146	.42x	58% Better	473
Italy	60,462,000	35,603	67,754	.53x	47% Better	589
Spain	46,755,000	29,747	52,394	.57x	43% Better	636
United Kingdom	67,886,000	41,623	76,073	.55x	45% Better	612
Belgium	11,590,000	9,919	12,988	.76x	24% Better	855

**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	1,784	1,784	1.00x "The Gauge"	Better or Worse Than PE's 0%	1,121
Iceland	364,000	10	408	.02x	98% Better	29
Norway	5,415,000	265	6,068	.04x	96% Better	49
Finland	5,541,000	337	6,209	.05x	95% Better	61
Denmark	5,792,000	630	6,491	.10x	90% Better	109
Germany	83,784,000	9,424	93,889	.10x	90% Better	112
Sweden	10,090,000	5,846	11,307	.52x	48% Better	578

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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 MULTIPLIER	SFE SCORE PERCENTAGE	DPM
San Francisco, California	900,000	89	89	1.00x "The Gauge"	Better or Worse Than SFE's 0%	99
China (All Provinces)	1,438,510,000	4,634	142,253	.03x	97% Better	3
Hubei Province China	58,500,000	4,512 (97.4% of PRC)	5,785	.78x	22% Better	77
Beijing Province China	20,463,000	9	2,024	.004x	99.6% Better	.44
South Korea	51,262,000	355	5,069	.07x	93% Better	7
Japan	126,476,000	1,412	12,507	.11x	89% Better	11
Iran	82,914,000	23,029	8,199	2.81x	181% Worse	278
Russian Federation	145,934,000	18,484	14,431	1.28x	28% Worse	127

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

San Francisco, California	900,000	89	89	1.00x "The Gauge"	Better or Worse Than SFE's 0%	99
Oregon	4,220,000	499	417	1.20x	20% Worse	118
Multnomah County, OR	813,000	126	80	1.58x	58% Worse	155
California	40,000,000	14,270	3,956	3.61x	261% Worse	361
Washington	7,615,000	1,991	753	2.64x	164% Worse	261
King County, WA	2,204,000	744	218	3.41x	241% Worse	338
Snohomish County, WA	822,000	205	81	2.53x	153% Worse	249
Pierce County, WA	905,000	185	89	2.08x	108% Worse	204
Whatcom County, WA	222,000	39	22	1.77x	77% Worse	176
Yakima County, WA	251,000	251	25	10.04x	904% Worse	1,000
Benton County, WA	205,000	126	20	6.30x	530% Worse	615
Franklin County, WA	96,000	59	9	6.55x	555% Worse	615
Six Peninsula Counties of WA	850,000	41	84	.49x	51% Better	48
Hawaii	1,416,000	96	140	.69x	31% Better	68