

ANALYSIS OF TOTAL COVID-19 DEATH TOTALS AS OF SATURDAY, 23 MAY 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	1,233	1,233	1.00x "The Gauge"	Better or Worse Than PE's 0%	774
Pennsylvania	12,700,000	5,143	9,836	.52x	48% Better	405
Rhode Island	1,000,000	597	774	.77x	23% Better	597
Connecticut	6,700,000	6,304	5,189	1.21x	21% Worse	941
Massachusetts	3,700,000	3,675	2,866	1.28x	28% Worse	993
New Jersey	9,200,000	11,083	7,125	1.56x	56% Worse	1,205
New York State	19,500,000	29,111	15,103	1.93x	93% Worse	1,493
New York City (all boroughs)	8,442,000	20,850	6,538	3.19x	219% Worse	2,470
Brooklyn	2,600,000	6,568	2,014	3.26x	226% Worse	2,526
Queens	2,297,000	6,106	1,779	3.43x	243% Worse	2,658
Bronx	1,440,000	4,368	1,115	3.92x	292% Worse	3,033
Manhattan	1,630,000	2,844	1,262	2.25x	125% Worse	1,745
Staten Island	475,000	964	368	2.62x	162% Worse	2,029

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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 "PHILADELPIA 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	1,233	1,233	1.00x "The Gauge"	Better or Worse Than PE's 0%	774
Portugal	10,197,000	1,302	7,898	.16x	84% Better	128
Switzerland	8,655,000	1,905	6,703	.28x	72% Better	220
Ireland	4,938,000	1,604	3,824	.42x	58% Better	325
Netherlands	17,135,000	5,811	13,271	.44x	56% Better	339
France	65,274,000	28,332	50,555	.56x	44% Better	434
Italy	60,462,000	32,735	46,828	.70x	30% Better	541
Spain	46,755,000	28,678	36,212	.79x	21% Better	613
United Kingdom	67,886,000	36,675	52,578	.70x	30% Better	540
Belgium	11,590,000	9,237	8,976	1.03x	3% Worse	797

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	1,233	1,233	1.00x "The Gauge"	Better or Worse Than PE's 0%	774
Iceland	364,000	10	282	.04x	96% Better	27
Norway	5,415,000	235	4,194	.06x	94% Better	43
Finland	5,541,000	306	4,291	.07x	93% Better	55
Denmark	5,792,000	561	4,486	.13x	87% Better	97
Germany	83,784,000	8,366	83,784	.10x	90% Better	100
Sweden	10,090,000	3,992	7,815	.51x	49% Better	396

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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	40	40	1.00x "The Gauge"	Better or Worse Than SFE's 0%	44
China (All Provinces)	1,438,510,000	4,634	63,934	.07x	93% Better	3
Hubei Province China	58,500,000	4,512 (97.4% of PRC)	2,600	1.74x	74% Worse	77
Beijing Province China	20,463,000	9	909	.01	99% Better	.44
South Korea	51,262,000	266	2,278	.12x	88% Better	5
Japan	126,476,000	808	5,621	.14x	86% Better	6
Iran	82,914,000	7,359	3,685	2.00x	100% Worse	89
* Russian Federation	145,934,000	3,388	6,486	.52x	48% Better	23

* Early in outbreak of disease. Daily deaths still increasing.

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

San Francisco, California	900,000	40	40	1.00x "The Gauge"	Better or Worse Than SFE's 0%	44
Oregon	4,220,000	147	188	.78X	22% Better	35
Multnomah County, OR	813,000	55	36	1.53x	53% Worse	68
California	40,000,000	3,750	1,778	2.11x	111% Worse	94
Washington	7,615,000	1,076	338	3.18x	218% Worse	141
King County, WA	2,204,000	542	98	5.53x	453% Worse	246
Snohomish County, WA	822,000	142	37	4.00x	300% Worse	173
Pierce County, WA	905,000	73	40	1.83x	83% Worse	81
Whatcom County, WA	222,000	34	10	3.40x	240% Worse	153
Six Peninsula Counties of WA	900,000	5	40	.13x	87% Better	6
Hawaii	1,416,000	17	63	.27x	73% Better	12