

## Appendix

Supplemental Table 1: Department-specific standardized MS prevalence rates in metropolitan France, 2021.

Administrative 'department' of France	Number of MS cases	Number of people living in the 'department'	Overall		Women		Men	
			Standardized prevalence	95% CI	Standardized prevalence	95% CI	Standardized prevalence	95% CI
Total Metropolitan France	130,059	65,646,837	197.4	196.3-198.5	275.5	273.7-277.3	114.3	113.1-115.5
Ain	1,102	666,971	164.7	155.0-174.4	232.4	216.2-248.6	94.7	84.2-105.2
Aisne	1,238	524,723	233.8	220.8-246.8	333.6	311.8-355.4	130.1	116.2-144.0
Allier	778	333,500	221.5	205.9-237.1	324.4	298.2-350.6	112.9	96.9-128.9
Alpes-de-Haute- Provence	315	166,198	177.2	157.6-196.8	251.3	218.7-283.9	99.0	78.2-119.8
Alpes-Maritimes	2,086	1,106,233	184.3	176.4-192.2	263.5	250.5-276.5	96.1	87.8-104.4
Ardèche	544	331,214	157.9	144.6-171.2	220.3	198.4-242.2	93.7	79.0-108.4
Ardennes	643	266,690	235.0	216.8-253.2	323.8	293.9-353.7	142.7	122.5-162.9
Ariège	313	154,424	196.3	174.6-218.0	279.3	243.0-315.6	110.1	86.7-133.5
Aube	676	312,183	219.4	202.9-235.9	309.7	282.3-337.1	123.8	106.0-141.6
Aude	684	378,330	174.8	161.7-187.9	249.8	228.0-271.6	93.3	79.6-107.0
Aveyron	507	279,639	172.1	157.1-187.1	240.5	215.5-265.5	103.7	87.2-120.2
Bas-Rhin	2,939	1,161,777	249.4	240.4-258.4	348.5	333.6-363.4	145.3	135.5-155.1
Bouches-du-Rhône	3,893	2,061,919	189.0	183.1-194.9	251.9	242.4-261.4	119.4	112.6-126.2
Calvados	1,380	699,791	197.0	186.6-207.4	273.4	256.4-290.4	115.1	103.7-126.5
Cantal	308	143,803	196.5	174.6-218.4	286.9	249.4-324.4	106.2	83.4-129.0
Charente	618	351,283	166.7	153.6-179.8	241.5	219.3-263.7	87.9	74.4-101.4
Charente-Maritime	1,307	662,822	185.3	175.3-195.3	262.4	245.8-279.0	101.9	91.2-112.6
Cher	596	298,249	191.8	176.4-207.2	290.0	263.4-316.6	89.2	74.3-104.1
Corrèze	480	237,790	189.9	172.9-206.9	272.9	244.4-301.4	104.0	86.1-121.9
Corse	675	348,830	182.7	168.9-196.5	257.0	234.2-279.8	103.2	88.4-118.0
Côte-d'Or	1,292	535,786	241.4	228.2-254.6	350.6	328.5-372.7	125.4	111.8-139.0
Côtes-d'Armor	1,346	606,868	214.5	203.0-226.0	304.2	285.1-323.3	120.9	108.6-133.2
Creuse	262	114,142	203.5	178.9-228.1	321.5	278.0-365.0	83.7	61.0-106.4

Deux-Sèvres	609	374,142	158.0	145.5-170.5	234.1	212.7-255.5	79.1	66.4-91.8
Dordogne	812	411,988	180.1	167.7-192.5	253.8	233.3-274.3	102.1	88.7-115.5
Doubs	1,289	548,458	239.5	226.4-252.6	341.1	319.2-363.0	133.7	119.8-147.6
Drôme	942	521,319	178.1	166.7-189.5	246.3	227.7-264.9	105.5	92.9-118.1
Essonne	2,417	1,312,419	193.0	185.3-200.7	269.1	256.4-281.8	112.7	104.3-121.1
Eure	1,136	597,425	188.0	177.1-198.9	271.9	253.6-290.2	99.4	88.0-110.8
Eure-et-Loir	954	429,570	219.5	205.6-233.4	313.0	289.7-336.3	121.9	107.1-136.7
Finistère	2,059	923,400	217.3	207.9-226.7	317.3	301.4-333.2	114.2	104.5-123.9
Gard	1,403	755,497	182.1	172.6-191.6	252.9	237.3-268.5	105.3	94.8-115.8
Gers	342	192,553	163.2	145.9-180.5	239.4	210.1-268.7	83.8	66.1-101.5
Gironde	3,096	1,673,755	184.9	178.4-191.4	260.4	249.7-271.1	102.8	95.8-109.8
Haute-Garonne	2,535	1,452,541	178.6	171.6-185.6	251.4	239.9-262.9	101.6	94.1-109.1
Haute-Loire	429	227,097	179.6	162.6-196.6	270.7	241.2-300.2	87.8	71.1-104.5
Haute-Marne	487	168,881	276.1	251.6-300.6	408.2	366.3-450.1	142.3	117.2-167.4
Hautes-Alpes	294	140,078	198.7	176.0-221.4	274.9	237.5-312.3	120.5	95.2-145.8
Haute-Saône	603	232,619	249.0	229.1-268.9	361.2	327.6-394.8	134.6	113.7-155.5
Haute-Savoie	1,412	853,015	163.9	155.4-172.4	229.9	215.7-244.1	94.9	85.6-104.2
Hautes-Pyrénées	422	230,404	174.0	157.4-190.6	251.1	223.4-278.8	91.5	74.2-108.8
Haute-Vienne	737	370,726	194.2	180.2-208.2	271.9	248.8-295.0	111.3	96.0-126.6
Haut-Rhin	1,806	768,496	227.8	217.3-238.3	319.8	302.4-337.2	132.3	120.9-143.7
Hauts-de-Seine	2,988	1,637,090	184.9	178.3-191.5	240.0	229.6-250.4	122.6	114.7-130.5
Hérault	2,213	1,218,474	182.5	174.9-190.1	248.9	236.6-261.2	109.3	100.8-117.8
Ille-et-Vilaine	1,990	1,108,972	184.2	176.1-192.3	256.1	242.7-269.5	109.4	100.5-118.3
Indre	481	216,241	212.1	193.1-231.1	299.7	268.2-331.2	121.7	101.1-142.3
Indre-et-Loire	1,261	616,107	205.4	194.1-216.7	277.6	259.3-295.9	128.1	115.2-141.0
Isère	2,239	1,288,501	176.1	168.8-183.4	237.5	225.6-249.4	111.7	103.4-120.0
Jura	597	257,304	225.2	207.1-243.3	340.1	309.0-371.2	106.4	88.7-124.1
Landes	796	425,229	175.5	163.3-187.7	249.3	229.1-269.5	97.6	84.5-110.7
Loire	1,548	770,678	203.0	192.9-213.1	284.6	267.9-301.3	116.8	105.8-127.8
Loire-Atlantique	2,743	1,480,188	188.2	181.2-195.2	273.3	261.5-285.1	98.4	91.1-105.7
Loiret	1,512	685,081	223.6	212.3-234.9	316.4	297.7-335.1	125.5	113.4-137.6

Loir-et-Cher	711	327,388	209.3	193.9-224.7	301.3	275.4-327.2	112.9	96.9-128.9
Lot	341	175,196	177.8	158.9-196.7	271.0	238.1-303.9	81.1	63.4-98.8
Lot-et-Garonne	594	329,180	172.4	158.5-186.3	233.3	210.9-255.7	106.9	91.2-122.6
Lozère	155	76,572	188.5	158.8-218.2	288.9	236.6-341.2	89.5	61.0-118.0
Maine-et-Loire	1,387	825,814	172.5	163.4-181.6	248.9	233.7-264.1	92.5	83.0-102.0
Manche	907	493,646	176.6	165.1-188.1	248.7	229.5-267.9	103.0	90.5-115.5
Marne	1,321	565,024	236.6	223.8-249.4	336.1	314.9-357.3	130.4	116.8-144.0
Mayenne	492	305,719	161.4	147.1-175.7	241.3	216.7-265.9	81.1	66.8-95.4
Meurthe-et-Moselle	1,783	730,393	246.0	234.6-257.4	347.2	328.3-366.1	138.8	126.5-151.1
Meuse	454	179,626	244.4	221.9-266.9	361.6	322.9-400.3	126.9	104.1-149.7
Morbihan	1,360	772,967	171.7	162.6-180.8	246.4	231.1-261.7	93.1	83.5-102.7
Moselle	2,875	1,050,548	263.7	254.1-273.3	366.9	351.0-382.8	156.0	145.4-166.6
Nièvre	470	199,379	225.1	204.7-245.5	333.8	299.0-368.6	112.0	91.6-132.4
Nord	5,717	2,607,165	226.8	220.9-232.7	302.0	292.6-311.4	145.4	138.6-152.2
Oise	1,829	831,729	222.2	212.0-232.4	315.4	298.4-332.4	124.4	113.5-135.3
Orne	545	274,595	196.1	179.6-212.6	274.7	247.3-302.1	115.0	97.2-132.8
Paris	4,137	2,117,702	195.9	189.9-201.9	255.4	246.0-264.8	129.3	122.3-136.3
Pas-de-Calais	3,514	1,456,588	241.8	233.8-249.8	330.2	317.2-343.2	148.2	139.2-157.2
Puy-de-Dôme	1,237	666,796	183.5	173.3-193.7	270.7	253.3-288.1	92.6	82.2-103.0
Pyrénées-Atlantiques	1,175	694,659	160.8	151.6-170.0	230.9	215.6-246.2	85.3	75.7-94.9
Pyrénées-Orientales	969	488,379	193.2	181.0-205.4	267.2	247.5-286.9	110.9	97.5-124.3
Rhône	3,531	1,908,625	194.8	188.4-201.2	258.9	248.6-269.2	125.3	117.9-132.7
Saône-et-Loire	1,073	548,526	187.5	176.3-198.7	269.8	251.0-288.6	101.9	90.0-113.8
Sarthe	1,147	567,053	202.2	190.5-213.9	292.7	273.0-312.4	107.9	95.6-120.2
Savoie	821	444,872	179.9	167.6-192.2	256.4	235.8-277.0	100.4	87.3-113.5
Seine-et-Marne	2,693	1,444,389	191.6	184.4-198.8	264.7	252.9-276.5	113.0	105.0-121.0
Seine-Maritime	2,456	1,254,286	198.1	190.3-205.9	272.2	259.4-285.0	118.4	109.7-127.1
Seine-Saint-Denis	2,587	1,673,645	165.6	159.2-172.0	223.0	212.6-233.4	106.1	98.9-113.3
Somme	1,374	565,278	244.0	231.1-256.9	352.2	330.6-373.8	130.0	116.5-143.5
Tarn	735	393,436	180.4	167.4-193.4	255.9	234.3-277.5	100.4	86.3-114.5
Tarn-et-Garonne	495	264,886	185.0	168.7-201.3	266.5	239.1-293.9	99.9	82.8-117.0

Territoire de Belfort	422	137,917	304.0	275.0-333.0	444.1	395.0-493.2	159.5	129.4-189.6
Val-d'Oise	2,230	1,266,471	185.3	177.6-193.0	258.5	245.9-271.1	106.4	98.0-114.8
Val-de-Marne	2,626	1,420,404	191.1	183.8-198.4	255.2	243.5-266.9	121.0	112.6-129.4
Var	2,061	1,102,074	179.9	172.1-187.7	249.3	236.6-262.0	104.6	96.0-113.2
Vaucluse	1,141	563,315	200.4	188.8-212.0	278.3	259.3-297.3	115.6	102.9-128.3
Vendée	1,318	704,121	183.8	173.9-193.7	267.1	250.3-283.9	97.5	87.2-107.8
Vienne	805	440,868	185.1	172.3-197.9	267.7	246.3-289.1	97.4	84.1-110.7
Vosges	848	357,864	227.6	212.3-242.9	330.4	304.5-356.3	121.8	105.9-137.7
Yonne	706	331,017	204.0	189.0-219.0	301.5	275.9-327.1	102.6	87.3-117.9
Yvelines	2,883	1,457,312	203.2	195.8-210.6	279.4	267.3-291.5	121.5	113.2-129.8

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