

**Table S1. Cases and incidence (per 100,000 person-time,  $\pm$  95% CI) of overall Lyme borreliosis notified by year and by 9 German States  
Territorial Units NUTS1, yearly 2016–2020.**

State/ NUTS1	2016		2017		2018		2019		2020	
	Cases (population)	Incidence [95% CI]	Cases (population)	Incidence [95% CI]	Cases (population)	Incidence [95% CI]	Cases (population)	Incidence [95% CI]	Cases (population)	Incidence [95% CI]
Bavaria	4,592(12,931,569)	35.51 [ 34.5;36.55]	3,538(12,997,796)	27.22 [ 26.34;28.13]	5,014(13,077,726)	38.34 [ 37.29;39.42]	4,255(13,124,614)	32.42 [ 31.46;33.41]	6,231(13,123,420)	47.48 [ 46.32;48.67]
Berlin	900 ( 3,574,265)	25.18 [ 23.59;26.88]	763 ( 3,711,089)	20.56 [ 19.15;22.07]	755 ( 3,748,759)	20.14 [ 18.75;21.63]	851 ( 3,669,685)	23.19 [ 21.68;24.8]	943 ( 3,669,261)	25.7 [ 24.11;27.39]
Brandenburg	1,673 ( 2,494,781)	67.06 [ 63.92;70.35]	1,743 ( 2,503,951)	69.61 [ 66.42;72.95]	1,556 ( 2,512,108)	61.94 [ 58.94;65.09]	1,535 ( 2,521,768)	60.87 [ 57.9;63.99]	1,608 ( 2,521,957)	63.76 [ 60.72;66.95]
Mecklenburg-Vorpommern	973 ( 1,610,660)	60.41 [ 56.73;64.33]	1,087 ( 1,611,086)	67.47 [ 63.58;71.6]	852 ( 1,609,673)	52.93 [ 49.49;56.6]	802 ( 1,608,181)	49.87 [ 46.54;53.44]	649 ( 1,608,028)	40.36 [ 37.37;43.59]
Rhineland-Palatinate	1,471 ( 4,065,782)	36.18 [ 34.38;38.08]	1,084 ( 4,073,657)	26.61 [ 25.07;28.24]	1,580 ( 4,084,798)	38.68 [ 36.82;40.63]	1,185 ( 4,093,264)	28.95 [ 27.35;30.65]	1,510 ( 4,094,360)	36.88 [ 35.07;38.79]
Saarland	197 ( 996,459)	19.77 [ 17.2;22.73]	196 ( 994,419)	19.71 [ 17.14;22.67]	375 ( 990,491)	37.86 [ 34.22;41.89]	288 ( 986,977)	29.18 [ 26;32.75]	332 ( 986,920)	33.64 [ 30.21;37.46]
Saxony	2,057 ( 4,082,159)	50.39 [ 48.26;52.61]	1,867 ( 4,080,874)	45.75 [ 43.72;47.87]	2,146 ( 4,078,297)	52.62 [ 50.44;54.89]	2,309 ( 4,072,310)	56.7 [ 54.43;59.06]	1,809 ( 4,071,573)	44.43 [ 42.43;46.52]
Saxony-Anhalt	506 ( 2,235,970)	22.63 [ 20.74;24.69]	573 ( 2,222,653)	25.78 [ 23.75;27.98]	530 ( 2,208,333)	24 [ 22.04;26.13]	503 ( 2,194,590)	22.92 [ 21;25.01]	502 ( 2,195,015)	22.87 [ 20.96;24.96]
Thuringia	567 ( 2,158,356)	26.27 [ 24.2;28.52]	450 ( 2,151,052)	20.92 [ 19.07;22.94]	565 ( 2,143,399)	26.36 [ 24.27;28.62]	535 ( 2,133,174)	25.08 [ 23.04;27.3]	483 ( 2,133,392)	22.64 [ 20.71;24.75]
Total	12,936(34,150,001)	37.88 [ 37.23;38.54]	11,301(34,346,577)	32.9 [ 32.3;33.51]	13,373(34,453,585)	38.81 [ 38.16;39.48]	12,263(34,404,564)	35.64 [ 35.02;36.28]	14,067(34,403,927)	40.89 [ 40.22;41.57]