

Supplementary Table 3. The estimated annual percentage change of endometriosis age-standardized prevalence from 1990 to 2019.

location	measure	cause	Percentage
Sweden	Prevalence	Endometriosis	154.02% (118.46%to189.69%)
Iceland	Prevalence	Endometriosis	59.07% (39.27%to78.9%)
Austria	Prevalence	Endometriosis	49.54% (36.43%to62.67%)
Russian Federation	Prevalence	Endometriosis	27.02% (12.64%to41.41%)
Georgia	Prevalence	Endometriosis	16.58% (5.78%to27.4%)
Kyrgyzstan	Prevalence	Endometriosis	11.39% (-6.26%to29.06%)
Belarus	Prevalence	Endometriosis	10.92% (-2.92%to24.78%)
Belgium	Prevalence	Endometriosis	7.26% (-16.13%to30.71%)
Kazakhstan	Prevalence	Endometriosis	6.95% (-9.98%to23.91%)
Seychelles	Prevalence	Endometriosis	4.97% (-1.18%to11.11%)
Bulgaria	Prevalence	Endometriosis	2.02% (-5.55%to9.59%)
Niger	Prevalence	Endometriosis	1.98% (-2.41%to6.38%)
Romania	Prevalence	Endometriosis	-0.44% (-7.81%to6.94%)
Estonia	Prevalence	Endometriosis	-1.66% (-14.81%to11.5%)
Slovenia	Prevalence	Endometriosis	-3.73% (-10.56%to3.1%)
Greece	Prevalence	Endometriosis	-3.93% (-6.47%to-1.4%)
Chad	Prevalence	Endometriosis	-4.65% (-9.63%to0.33%)

location	measure	cause	Percentage
Switzerland	Prevalence	Endometriosis	-5.81% (-13.18%to1.57%)
Montenegro	Prevalence	Endometriosis	-9.14% (-11.72%to-6.56%)
Ukraine	Prevalence	Endometriosis	-9.9% (-23.76%to3.98%)
Bosnia and Herzegovina	Prevalence	Endometriosis	-10.11% (-21.4%to1.19%)
United Kingdom	Prevalence	Endometriosis	-10.2% (-14.66%to-5.73%)
Andorra	Prevalence	Endometriosis	-12.53% (-16.2%to-8.87%)
France	Prevalence	Endometriosis	-13.13% (-18.65%to-7.61%)
South Sudan	Prevalence	Endometriosis	-14.05% (-18.68%to-9.42%)
Kiribati	Prevalence	Endometriosis	-15.81% (-21.74%to-9.89%)
Spain	Prevalence	Endometriosis	-17.65% (-19.84%to-15.46%)
New Zealand	Prevalence	Endometriosis	-18.56% (-79.09%to42.35%)
Latvia	Prevalence	Endometriosis	-18.78% (-38.15%to0.63%)
Israel	Prevalence	Endometriosis	-20.53% (-25.3%to-15.75%)
Northern Mariana Islands	Prevalence	Endometriosis	-21.14% (-25.24%to-17.04%)
Mongolia	Prevalence	Endometriosis	-21.89% (-49.38%to5.67%)
Republic of Moldova	Prevalence	Endometriosis	-22.26% (-36.05%to-8.46%)
Guam	Prevalence	Endometriosis	-22.89% (-30.08%to-15.71%)
Czechia	Prevalence	Endometriosis	-24.63% (-38.33%to-10.91%)

location	measure	cause	Percentage
Viet Nam	Prevalence	Endometriosis	-28.1% (-32.96%to-23.25%)
Papua New Guinea	Prevalence	Endometriosis	-28.19% (-31.19%to-25.18%)
Portugal	Prevalence	Endometriosis	-29.06% (-31.66%to-26.47%)
Bermuda	Prevalence	Endometriosis	-29.27% (-34.36%to-24.17%)
Taiwan (Province of China)	Prevalence	Endometriosis	-29.34% (-46.16%to-12.5%)
Hungary	Prevalence	Endometriosis	-29.6% (-35.91%to-23.29%)
Fiji	Prevalence	Endometriosis	-29.68% (-32.11%to-27.25%)
Malta	Prevalence	Endometriosis	-31.22% (-40.45%to-21.99%)
San Marino	Prevalence	Endometriosis	-31.56% (-34.62%to-28.5%)
Germany	Prevalence	Endometriosis	-31.79% (-61.98%to-1.51%)
Uzbekistan	Prevalence	Endometriosis	-34.11% (-47.29%to-20.91%)
Azerbaijan	Prevalence	Endometriosis	-35.39% (-47.14%to-23.62%)
Monaco	Prevalence	Endometriosis	-36.9% (-39.08%to-34.72%)
Netherlands	Prevalence	Endometriosis	-37.58% (-42.46%to-32.69%)
Serbia	Prevalence	Endometriosis	-37.64% (-51.29%to-23.97%)
Tonga	Prevalence	Endometriosis	-37.71% (-42.16%to-33.25%)
North Macedonia	Prevalence	Endometriosis	-38.14% (-44.17%to-32.1%)
Armenia	Prevalence	Endometriosis	-38.51% (-54.56%to-22.43%)

location	measure	cause	Percentage
Australia	Prevalence	Endometriosis	-38.51% (-45.03%to-31.99%)
Palau	Prevalence	Endometriosis	-38.92% (-40.4%to-37.44%)
Mali	Prevalence	Endometriosis	-39.43% (-43.33%to-35.54%)
Cuba	Prevalence	Endometriosis	-39.47% (-43.53%to-35.4%)
Sri Lanka	Prevalence	Endometriosis	-40.97% (-45.6%to-36.34%)
Algeria	Prevalence	Endometriosis	-41.27% (-64.23%to-18.24%)
Indonesia	Prevalence	Endometriosis	-42.34% (-48.34%to-36.33%)
Slovakia	Prevalence	Endometriosis	-43.09% (-51.85%to-34.31%)
Uruguay	Prevalence	Endometriosis	-43.84% (-46.11%to-41.58%)
Ireland	Prevalence	Endometriosis	-43.85% (-48.32%to-39.38%)
Lithuania	Prevalence	Endometriosis	-44.25% (-67.85%to-20.59%)
Somalia	Prevalence	Endometriosis	-45.66% (-50%to-41.33%)
Norway	Prevalence	Endometriosis	-45.99% (-50.96%to-41.02%)
Poland	Prevalence	Endometriosis	-46.47% (-65.03%to-27.87%)
Mauritius	Prevalence	Endometriosis	-46.78% (-49.75%to-43.81%)
Mozambique	Prevalence	Endometriosis	-47.35% (-55.47%to-39.22%)
Samoa	Prevalence	Endometriosis	-48.06% (-50.41%to-45.71%)
Denmark	Prevalence	Endometriosis	-48.09% (-58.61%to-37.55%)
Albania	Prevalence	Endometriosis	-48.94% (-59.26%to-38.62%)

location	measure	cause	Percentage
Italy	Prevalence	Endometriosis	-49.11% (-53.33%to-44.89%)
Argentina	Prevalence	Endometriosis	-50.66% (-55.94%to-45.38%)
Suriname	Prevalence	Endometriosis	-51.22% (-55.07%to-47.37%)
Cook Islands	Prevalence	Endometriosis	-51.47% (-52.76%to-50.17%)
Barbados	Prevalence	Endometriosis	-52.54% (-56.52%to-48.56%)
Burundi	Prevalence	Endometriosis	-53.43% (-55.45%to-51.41%)
Thailand	Prevalence	Endometriosis	-55.85% (-57.58%to-54.13%)
Central African Republic	Prevalence	Endometriosis	-56.99% (-65.93%to-48.04%)
Afghanistan	Prevalence	Endometriosis	-58.28% (-65.62%to-50.93%)
Philippines	Prevalence	Endometriosis	-60.85% (-68.63%to-53.06%)
Tuvalu	Prevalence	Endometriosis	-61.1% (-63%to-59.19%)
Turkmenistan	Prevalence	Endometriosis	-61.39% (-81.92%to-40.82%)
Singapore	Prevalence	Endometriosis	-61.85% (-69.53%to-54.16%)
United Republic of Tanzania	Prevalence	Endometriosis	-61.88% (-67.74%to-56.01%)
Trinidad and Tobago	Prevalence	Endometriosis	-62.71% (-69.1%to-56.32%)
Niue	Prevalence	Endometriosis	-64.02% (-65.55%to-62.5%)
Egypt	Prevalence	Endometriosis	-64.2% (-71.14%to-57.25%)
Zimbabwe	Prevalence	Endometriosis	-64.53% (-73.19%to-55.86%)

location	measure	cause	Percentage
Chile	Prevalence	Endometriosis	-65.25% (-83.03%to-47.45%)
Croatia	Prevalence	Endometriosis	-67.33% (-74.15%to-60.5%)
Greenland	Prevalence	Endometriosis	-67.68% (-70.94%to-64.43%)
Marshall Islands	Prevalence	Endometriosis	-67.73% (-72.18%to-63.27%)
Cyprus	Prevalence	Endometriosis	-67.99% (-72.86%to-63.11%)
Antigua and Barbuda	Prevalence	Endometriosis	-68.31% (-71.13%to-65.48%)
Burkina Faso	Prevalence	Endometriosis	-69.23% (-73.3%to-65.15%)
Republic of Korea	Prevalence	Endometriosis	-69.36% (-73.95%to-64.76%)
Brazil	Prevalence	Endometriosis	-70.27% (-78.2%to-62.34%)
Turkey	Prevalence	Endometriosis	-70.42% (-74.28%to-66.56%)
Jordan	Prevalence	Endometriosis	-70.61% (-83.14%to-58.06%)
Benin	Prevalence	Endometriosis	-71.54% (-76.22%to-66.86%)
Guyana	Prevalence	Endometriosis	-72.32% (-74.95%to-69.7%)
Japan	Prevalence	Endometriosis	-74.15% (-87.8%to-60.48%)
Tunisia	Prevalence	Endometriosis	-74.38% (-82.65%to-66.09%)
Saint Vincent and the Grenadines	Prevalence	Endometriosis	-75.05% (-79.08%to-71.02%)
Saint Kitts and Nevis	Prevalence	Endometriosis	-76.3% (-78.63%to-73.97%)
Malaysia	Prevalence	Endometriosis	-76.96% (-83.35%to-70.56%)

location	measure	cause	Percentage
Bahrain	Prevalence	Endometriosis	-77.34% (-87.09%to-67.58%)
Jamaica	Prevalence	Endometriosis	-78.05% (-81.42%to-74.67%)
American Samoa	Prevalence	Endometriosis	-78.32% (-79.82%to-76.81%)
Bahamas	Prevalence	Endometriosis	-79.09% (-84.31%to-73.87%)
Iran (Islamic Republic of)	Prevalence	Endometriosis	-79.51% (-94.84%to-64.16%)
Grenada	Prevalence	Endometriosis	-79.62% (-90.19%to-69.03%)
United States Virgin Islands	Prevalence	Endometriosis	-80.37% (-83.54%to-77.2%)
United Arab Emirates	Prevalence	Endometriosis	-80.72% (-89.64%to-71.79%)
Kuwait	Prevalence	Endometriosis	-80.9% (-99.44%to-62.32%)
Congo	Prevalence	Endometriosis	-82.3% (-89.43%to-75.17%)
Maldives	Prevalence	Endometriosis	-83.06% (-100.3%to-65.8%)
Puerto Rico	Prevalence	Endometriosis	-83.37% (-87.14%to-79.6%)
Angola	Prevalence	Endometriosis	-85.4% (-94.33%to-76.46%)
Panama	Prevalence	Endometriosis	-85.59% (-91.84%to-79.33%)
Peru	Prevalence	Endometriosis	-85.94% (-91.76%to-80.12%)
Côte d'Ivoire	Prevalence	Endometriosis	-87.91% (-91.56%to-84.27%)
Dominican Republic	Prevalence	Endometriosis	-88.45% (-91.29%to-85.61%)
Myanmar	Prevalence	Endometriosis	-89.51% (-94.75%to-84.26%)

location	measure	cause	Percentage
Mauritania	Prevalence	Endometriosis	-89.68% (-99.35%to-80.01%)
Lesotho	Prevalence	Endometriosis	-90.3% (-95.79%to-84.81%)
Vanuatu	Prevalence	Endometriosis	-90.44% (-93.09%to-87.79%)
Saint Lucia	Prevalence	Endometriosis	-90.44% (-96.58%to-84.3%)
Tokelau	Prevalence	Endometriosis	-90.78% (-92.79%to-88.76%)
Dominica	Prevalence	Endometriosis	-91.3% (-94.43%to-88.17%)
Cameroon	Prevalence	Endometriosis	-94.43% (-107.93%to-80.91%)
Namibia	Prevalence	Endometriosis	-94.85% (-99.54%to-90.15%)
South Africa	Prevalence	Endometriosis	-97.1% (-99.7%to-94.5%)
Lebanon	Prevalence	Endometriosis	-97.44% (-106.1%to-88.77%)
Togo	Prevalence	Endometriosis	-101.76% (-108.87%to-94.65%)
Finland	Prevalence	Endometriosis	-102.36% (-126.65%to-78%)
Morocco	Prevalence	Endometriosis	-103.59% (-107.18%to-100.01%)
Tajikistan	Prevalence	Endometriosis	-103.68% (-118.45%to-88.88%)
Nauru	Prevalence	Endometriosis	-104.16% (-106.5%to-101.82%)
Brunei Darussalam	Prevalence	Endometriosis	-104.42% (-110.95%to-97.88%)
Sierra Leone	Prevalence	Endometriosis	-104.54% (-110.67%to-98.4%)
Guinea	Prevalence	Endometriosis	-104.86% (-107.5%to-102.22%)
Nigeria	Prevalence	Endometriosis	-105.06% (-112.58%to-97.53%)

location	measure	cause	Percentage
Solomon Islands	Prevalence	Endometriosis	-105.25% (-108.17%to-102.32%)
Botswana	Prevalence	Endometriosis	-109.67% (-120.05%to-99.28%)
Luxembourg	Prevalence	Endometriosis	-110.06% (-130.3%to-89.78%)
Micronesia (Federated States of)	Prevalence	Endometriosis	-112.25% (-118.21%to-106.28%)
Qatar	Prevalence	Endometriosis	-112.33% (-117.11%to-107.55%)
Ghana	Prevalence	Endometriosis	-112.47% (-117.07%to-107.87%)
Bolivia (Plurinational State of)	Prevalence	Endometriosis	-113.2% (-126.78%to-99.59%)
Cabo Verde	Prevalence	Endometriosis	-114.72% (-119.5%to-109.94%)
Democratic Republic of the Congo	Prevalence	Endometriosis	-114.93% (-127.45%to-102.4%)
Gabon	Prevalence	Endometriosis	-115.2% (-119.52%to-110.87%)
Ecuador	Prevalence	Endometriosis	-115.43% (-118.66%to-112.19%)
Uganda	Prevalence	Endometriosis	-115.49% (-126.24%to-104.72%)
Madagascar	Prevalence	Endometriosis	-116.52% (-121.39%to-111.64%)
Zambia	Prevalence	Endometriosis	-117.95% (-124.86%to-111.04%)
Democratic People's Republic of Korea	Prevalence	Endometriosis	-118.83% (-125.73%to-111.91%)
Ethiopia	Prevalence	Endometriosis	-119.06% (-123.62%to-114.49%)
Libya	Prevalence	Endometriosis	-119.47% (-133.5%to-105.43%)

location	measure	cause	Percentage
Eswatini	Prevalence	Endometriosis	-120.02% (-123.5%to-116.53%)
Eritrea	Prevalence	Endometriosis	-122.07% (-126.57%to-117.58%)
Timor-Leste	Prevalence	Endometriosis	-122.27% (-135.4%to-109.12%)
Senegal	Prevalence	Endometriosis	-122.52% (-128.29%to-116.75%)
China	Prevalence	Endometriosis	-122.8% (-139.09%to-106.48%)
Venezuela (Bolivarian Republic of)	Prevalence	Endometriosis	-126.76% (-135.18%to-118.33%)
Kenya	Prevalence	Endometriosis	-128.13% (-132.04%to-124.21%)
Paraguay	Prevalence	Endometriosis	-133.84% (-137.33%to-130.35%)
Gambia	Prevalence	Endometriosis	-134.94% (-143.52%to-126.37%)
Syrian Arab Republic	Prevalence	Endometriosis	-135.01% (-153.6%to-116.39%)
Costa Rica	Prevalence	Endometriosis	-135.19% (-143.52%to-126.86%)
Djibouti	Prevalence	Endometriosis	-135.87% (-146.49%to-125.24%)
Belize	Prevalence	Endometriosis	-136.18% (-141.06%to-131.31%)
Lao People's Democratic Republic	Prevalence	Endometriosis	-137.75% (-144.51%to-130.98%)
Haiti	Prevalence	Endometriosis	-138.78% (-142.91%to-134.65%)
India	Prevalence	Endometriosis	-139.41% (-143.79%to-135.02%)
Canada	Prevalence	Endometriosis	-139.52% (-178.07%to-100.81%)
Colombia	Prevalence	Endometriosis	-139.72% (-143.58%to-135.87%)

location	measure	cause	Percentage
Bangladesh	Prevalence	Endometriosis	-140.23% (-149.2%to-131.26%)
Guinea-Bissau	Prevalence	Endometriosis	-140.74% (-142.65%to-138.83%)
Sao Tome and Principe	Prevalence	Endometriosis	-142.76% (-146.89%to-138.63%)
El Salvador	Prevalence	Endometriosis	-143.49% (-158.63%to-128.32%)
Cambodia	Prevalence	Endometriosis	-144.19% (-157.1%to-131.26%)
Rwanda	Prevalence	Endometriosis	-145.61% (-153.98%to-137.23%)
Liberia	Prevalence	Endometriosis	-149.2% (-152.93%to-145.47%)
Saudi Arabia	Prevalence	Endometriosis	-150.25% (-157.72%to-142.77%)
Sudan	Prevalence	Endometriosis	-153.2% (-157.52%to-148.88%)
Bhutan	Prevalence	Endometriosis	-156.84% (-162.63%to-151.05%)
Comoros	Prevalence	Endometriosis	-157.88% (-159.62%to-156.14%)
Nicaragua	Prevalence	Endometriosis	-160.81% (-178.11%to-143.48%)
Pakistan	Prevalence	Endometriosis	-165.16% (-175.2%to-155.11%)
Malawi	Prevalence	Endometriosis	-168.74% (-178.15%to-159.32%)
United States of America	Prevalence	Endometriosis	-171.81% (-188.01%to-155.57%)
Honduras	Prevalence	Endometriosis	-181.56% (-195.21%to-167.89%)
Iraq	Prevalence	Endometriosis	-182.34% (-189.66%to-175.01%)
Mexico	Prevalence	Endometriosis	-182.96% (-191.07%to-174.85%)
Palestine	Prevalence	Endometriosis	-183.83% (-191.26%to-176.39%)

location	measure	cause	Percentage
Nepal	Prevalence	Endometriosis	-192.95% (-201.64%to-184.26%)
Yemen	Prevalence	Endometriosis	-194.56% (-204.23%to-184.88%)
Equatorial Guinea	Prevalence	Endometriosis	-196.36% (-202.97%to-189.74%)
Oman	Prevalence	Endometriosis	-225.05% (-247.14%to-202.92%)
Guatemala	Prevalence	Endometriosis	-243.71% (-260.76%to-226.64%)