

PREFACE

The Ministry of Health & Wellness completed the first “Jamaica Population Health Status Report”. This indicator data sheet presents data from 2000 – 2022 for over 100 indicators included in the inaugural report. These indicators are categorized into five health domains - health status, risk factors, service coverage, health system, and sociodemographic- further grouped into health topics (e.g., fertility, morbidity, nutrition, health financing, etc.). The data points for these indicators were compiled using routinely collected data by the Ministry of Health and Wellness and data obtained from sources such as population-based surveys and publications. Policymakers and healthcare professionals can gain insights into the overall health and well-being of the Jamaican population using this datasheet.

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SOCIODEMOGRAPHIC INDICATORS 2000 - 2022

DEMOGRAPHICS

	Unit of Measurement	2000								2008								2016								2022									
		2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2000	2001	2002	2003	2004	2005	2006	2007			
Population	Total Population	2861990	2861336	2861222	2861222	2861222	2861222	2861222	2861222	2871441	2861441	2861222	2861222	2861222	2861222	2861222	2861222	2861222	2861222	2861222	2861222	2861222	2861222	2861222	2861222	2861222	2861222	2861222	2861222	2861222	2861222	2861222			
	Male Population	1315317	1315247	1315245	1315245	1315159	1315566	1315756	1314780	1315470	1315203	1315621	1316034	1316400	1316740	1316879	1317027	1317260	1317564	1317860	1317979	1317954	1318023	1318053	1318053	1318053	1318053	1318053	1318053	1318053	1318053	1318053			
	Male Population	1274676	1272269	1272848	1273176	1270959	1310345	1310712	1311468	1311861	1321165	1310497	1310343	1310304	1310304	1310304	1310304	1310304	1310304	1310304	1310304	1310304	1310304	1310304	1310304	1310304	1310304	1310304	1310304	1310304	1310304	1310304			
	Per 1000 population	21.7	19.0	18.1	17.4	17.0	17.5	16.3	16.3	16.1	16.0	15.1	14.7	14.6	14.2	13.6	13.9	13.3	12.6	12.3	12.7	12.4	12.1	11.4	16.1	16.0	15.1	14.7	14.6	14.2	13.6	13.9	13.3		
Population	Per 1000 population	6.7	6.8	6.4	6.6	6.2	6.6	7.1	7.7	7.5	7.0	8.0	6.3	6.3	6.4	7.2	7.1	7.3	7.2	7.2	7.7	7.4	6.9	7.8	6.3	6.4	6.5	6.3	6.4	7.2	7.1	7.3			
	Per 100 working-age population	72.7	73.3	71.8	71.8	72.1	72.1	69.5	66.4	63.6	64.1	64.5	51.9	56.5	56.0	56.5	57.7	56.3	47.6	44.6	48.1	48.1	47.6	48.1	47.6	48.1	48.1	48.1	48.1	48.1	48.1	48.1			
	Per 100 working-age population	37.3	37.2	36.0	36.2	36.6	35.1	32.5	31.3	47.6	48.9	48.0	39.6	41.6	41.3	41.1	42.1	40.3	31.6	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0			
	Per 100 working-age population	15.4	16.1	15.8	15.6	15.3	17.0	16.9	15.3	16.0	15.2	16.4	12.3	14.9	14.7	15.2	15.6	15.8	13.0	13.6	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5		
Population	Crude Birth Rate	844957	840910	827221	813029	798815	784601	770407	756212	741988	727784	715089	697454	680321	663294	648975	629429	612860	598214	576794	557078	539841	523261	507294	491988	476841	461841	446988	432294	417841	403494	389294	375194	361194	
	Crude Birth Rate	32.6	32.5	31.6	31.0	30.3	29.7	29.0	28.4	27.8	27.1	26.5	25.8	25.1	24.5	23.9	23.2	22.5	22.0	21.5	21.1	20.7	20.3	19.9	19.5	19.1	18.7	18.3	17.9	17.5	17.1	16.7	16.3	15.9	
	Crude Birth Rate	107573	106837	20358	20473	20591	20739	20825	21141	21309	21087	20895	22820	22894	22906	23191	23947	24574	24924	25494	261750	26850	27526	28202	28878	29554	30230	30906	31582	32258	32934	33610	34286	34962	35638
	Crude Birth Rate	7.6	7.7	7.8	7.8	7.8	7.8	7.8	7.9	7.9	8.0	8.0	8.1	8.2	8.2	8.3	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
Population	Per cent	50.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	
	Per cent	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.5	0.5	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
	Per cent	56134	49490	47654	43599	41843	46370	43243	43385	43112	42782	40598	39673	39553	38480	36996	36996	36996	36996	36996	36996	36996	36996	36996	36996	36996	36996	36996	36996	36996	36996	36996	36996	36996	
	Thousands	17423	17325	16728	17267	16332	17413	16960	20350	19966	18835	21503	16926	16998	17350	19357	19249	19761	19661	19762	20057	20238	20428	20618	20808	20998	21188	21378	21568	21758	21948	22138	22328	22518	22708

TECHNICAL NOTES

Sociodemographic Indicators

Total Population Estimates At the time of the publication of this report, the 2019 population estimates were the latest available data produced by the Statistical Institute of Jamaica (STATIN). Therefore, indicators that were calculated for years beyond 2019 were done using the 2019 mid-year population estimates.

The Crude Birth Rate and Crude Death Rate estimates were calculated using total birth and death data obtained from the Statistical Institute of Jamaica (STATIN). STATIN is the official data reporting agent for births and deaths. These data are adjusted for undercoverage and therefore may differ from those published by the Registrar General's Department.

Annual GDP Growth The data source for these estimates were obtained from the Economic and Social Survey Jamaica (ESSJ). Notes from ESSJ 2021 and 2022 data "Due to the unavailability of real GDP data at the time of writing, Total Gross Value Added in Basic Values at Constant Prices is used as a proxy for real GDP".

Youth Unemployment Rate This is the percentage of unemployed individuals aged 14-24 years compared to the total labour force (the sum of employed and unemployed) within the same age range. However, it should be noted that a significant portion of individuals in this age group may be outside the labour market, such as youths who are studying full-time and therefore are not actively seeking employment.

Poverty Incidence: Poverty incidence data was obtained from Jamaica's Survey of Living Conditions (JSLC); the survey was not filed in 2011 or 2020. The last publication was in 2019. In the order publication region is disaggregated into the following regions (KMA, Other Urban, and Rural), while in the latest publications, the region is disaggregated into (KMA, Other Urban, and Rural).

Health Status Indicators

Number of Deaths, missing persons & Persons Affected by Disaster: The data points corresponds with specific disaster events: 2002, Flood Rains; 2004, Hurricane Ivan; 2007, Hurricane Dean; 2008, Tropical Storm Gustav; 2010, Tropical Storm Nicole; 2012, Hurricane Sandy and 2017, March to June rains.

AIDS-Related Mortality Ratio: Data used to calculate AIDS mortality were obtained from the National Surveillance Unit and the population data from STATIN. The AIDS mortality rates for 2019 and 2020 include deaths for which the date of death was unknown and were assigned to these reporting periods pending further investigation. Therefore, these estimates were excluded.

Disease-Specific Mortality Rates: The definition and ICD-10 codes used to calculate these estimates were obtained from: <https://opendata.paho.org/en/core-indicators/technical-specifications>. Additionally, mortality rates were adjusted for age by direct standardization by the applying estimated age-specific mortality rates to the World Health Organization (WHO) World Standard Population.

HIV prevalence and HIV incidence: Estimates were produced by UNAIDS. These estimates were calculated using local Data.

Cancer Incidence by Type: The 2020 estimates were produced by GLOBOCAN using data obtained from the University of the West Indies (UWI) Cancer Registry.

RISK FACTOR INDICATORS 2000-2022

INJURIES/HARMFUL TRADITIONAL PRACTICES

Unit of Measurement	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Intimate Partner Violence Prevalence ¹²	Per cent	–	–	–	–	–	–	–	16.9	–	–	–	–	–	–	–	–	–	–	–	–	17.1	–
Non-partner Sexual Violence Prevalence ²²	Per cent	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3.0	–	–	–	–	–	–
Seat-belt Wearing Rate (15-74 Years) ²³	Per cent	–	53.0	–	–	–	–	–	39.8	–	–	–	–	–	–	–	44.6	–	–	–	–	–	–
Front seat passenger	Per cent	–	–	–	–	–	–	–	40.1	–	–	–	–	–	–	–	37.8	–	–	–	–	–	–
Motorcycle Helmet Wearing Rate (15-74 Years) ²³	Per cent	–	6.0	–	–	–	–	–	4.0	–	–	–	–	–	–	–	8.4	–	–	–	–	–	–
Rider	Per cent	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Prevalence of Unintentional Injuries (15+ years) ²³	Per cent	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2.3	–	–	–	–	–	–
Male	Per cent	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3.2	–	–	–	–	–	–
Female	Per cent	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1.4	–	–	–	–	–	–

SERVICE COVERAGE INDICATORS 2000-2022

REPRODUCTIVE, MATERNAL, NEWBORN, CHILD & ADOLESCENT

Unit of Measurement	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Unmet Need for Family Planning (15-49) ¹⁰	Per cent	–	–	8.5	–	–	–	–	7.2	–	–	–	–	–	–	–	–	–	–	–	–	7.2	–
Contraceptive Prevalence Rate (15-49) ¹¹	Per cent	–	–	69.1	–	–	–	–	72.5	–	–	–	–	–	–	–	–	–	–	–	–	60.6	–
Antenatal Care Coverage (at least 4 visits) ^{10,11}	Per cent	–	–	–	–	–	–	–	87.0	–	–	–	85.6	–	–	–	–	–	–	–	–	83.6	–
Proportion of Births Attended by Skilled Health Personnel (%) ⁹	Per cent	–	–	–	97.2	99.8	98.7	99.4	98.4	98.4	95.3	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	–	–
Women (15-49) Accessing Prenatal Care in the First Trimester ¹²	Per cent	–	–	–	–	–	96.9	98.4	60.6	–	–	–	–	–	–	–	–	–	–	–	–	47.2	–

IMMUNIZATION

Unit of Measurement	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Immunization Coverage Rate by Vaccine for each Vaccine in the National Schedule	Per cent	88.1	84.6	85.8	79.2	80.4	80.0	87.2	87.5	88.0	95.0	86.5	92.3	94.0	91.5	83.0	91.0	95.0	89.0	93.0	93.0	88.0	–
Immunization coverage of 1 year old (%), MM1 ¹	Per cent	93.6	96.4	97.8	90.2	84.7	94.5	89.0	92.7	92.5	100.0	95.0	92.7	92.5	100.0	95.0	97.0	96.0	96.0	96.0	96.0	90.0	–
Immunization coverage of under-1 year old (%), DTP ¹	Per cent	86.1	90.4	93.7	83.1	76.8	87.5	85.3	87.0	90.1	100.2	91.4	95.6	93.1	94.4	91.0	97.0	95.0	97.0	96.0	96.0	90.0	–
Immunization coverage of under-1 year old (%), DTP ¹	Per cent	86.1	91.0	93.0	82.2	71.3	83.6	85.6	84.8	87.0	90.0	100.0	92.3	95.8	86.0	96.4	91.0	97.0	93.0	98.0	96.0	95.0	90.0

HIV

	Unit of Measurement	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
People Living with HIV who Know their Status ¹⁴	Per cent	–	–	–	–	–	–	–	–	–	–	69.0	73.0	77.0	79.0	82.0	84.0	87.0	89.0	90.0	93.0	95.0
Males (15+)	Per cent	–	–	–	–	–	–	–	–	–	–	69.0	73.0	76.0	79.0	82.0	85.0	88.0	88.0	91.0	94.0	94.0
Females (15+)	Per cent	–	–	–	–	–	–	–	–	–	–	79.0	83.0	83.0	87.0	89.0	91.0	93.0	93.0	96.0	96.0	96.0
Prevention of Mother-to-Child Transmission ¹⁴	Per cent	–	–	–	–	47.0	65.0	85.0	85.0	–	83.0	86.3	49.9	87.8	88.2	86.4	90.0	–	97.0	97.9	97.8	96.0
Antiretroviral Therapy (ART) Coverage ¹⁴	Per cent	–	–	–	–	–	6.0	7.0	11.0	14.0	19.0	21.0	25.0	28.0	32.0	34.0	36.0	39.0	42.0	44.0	49.0	44.0
Males (15+)	Per cent	–	–	–	–	–	–	–	–	–	–	24.0	27.0	28.0	31.0	33.0	36.0	37.0	39.0	43.0	40.0	40.0
Females (15+)	Per cent	–	–	–	–	–	–	–	–	–	–	24.0	27.0	36.0	37.0	39.0	42.0	46.0	49.0	54.0	49.0	54.0
HIV Viral Load Suppression ¹⁴	Per cent	–	–	–	–	–	–	–	–	–	–	12.0	14.0	16.0	19.0	22.0	23.0	24.0	28.0	32.0	38.0	37.0
Males (15+)	Per cent	–	–	–	–	–	–	–	–	–	–	14.0	16.0	17.0	20.0	21.0	23.0	25.0	29.0	34.0	33.0	33.0
Females (15+)	Per cent	–	–	–	–	–	–	–	–	–	–	14.0	16.0	22.0	24.0	25.0	27.0	32.0	36.0	43.0	41.0	41.0
95-95 Target ²⁴	Per cent	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
95% PLHIV who know their status	Per cent	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
95% of PLHIV who know their status to be on ART	Per cent	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
95% of PLHIV on ART to be virally suppressed	Per cent	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

SERVICE COVERAGE INDICATORS 2000-2022

HIV/TB

Unit of Measurement	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Per cent TB Patient with Known HIV Status ²⁵	Per cent	–	–	–	–	–	–	–	–	–	–	–	–	–	87.2	64.1	54.4	82.6	79.3	66.7	29.5	100.0	69.9
Per cent of all Registered TB Patients who had Documented HIV Status Recorded who are HIV-positive ²⁵	Per cent	–	–	–	–	–	–	–	–	–	–	–	–	–	25.3	22.7	50.0	20.0	15.4	14.0	77.8	14.0	17.2
Per cent of HIV-positive TB Patients on ART (antiretroviral therapy) ²⁵	Per cent	–	–	–	–	–	–	–	–	–	–	–	–	–	94.7	100.0	89.3	55.0	–	100.0	–	100.0	100.0

SCREENING & PREVENTATIVE CARE

Unit of Measurement	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Cervical Cancer Screening (30-49 years) ²³	Per cent	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	70.0	–	–	–	–	–	–
Less than 3 years ago	Per cent	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	51.9	–	–	–	–	–	–
More than 3 years ago	Per cent	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	34.2	–	–	–	–	–	–
Breast Cancer Screening (40 years and older) ²³	Per cent	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	31.0	–	–	–	–	–	–
less than 1 year	Per cent	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7.9	–	–	–	–	–	–
1 year or more	Per cent	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	28.1	–	–	–	–	–	–
Prostate Cancer Screening (40 years and older) ²³	Per cent	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	78.7	–	–	–	–	–	–
Prostate Specific Antigen Test	Per cent	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Digital Rectal Exam (DRE)	Per cent	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Less than 1 year	Per cent	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1 year a or more	Per cent	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	27.4	–	–	–	–	–	–

HEALTH SYSTEMS INDICATORS 2000-2022

QUALITY & SAFETY OF CARE

		Unit of Measurement								2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	
ART Retention Rate ²⁶																								
ART at 12 months	Per cent		75.0	–	–	–	–	–	–	–	–	–	–	–	–	87.6	–	91.0	–	–	–	–	–	60.1
UTILIZATION & ACCESS																								
		Unit of Measurement								2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	
Outpatient Service Utilization ¹⁶	Per 10 000 population		1776.1	1796.3	1705.1	1455.0	1913.6	1805.1	1833.2	1836.2							2102.3	2209.0	2108.4	2328.7	2453.7	2470.8		
Hospital Bed Density ¹⁶	Per 10 000 population		–	–	–	–	–	–	–	18.7	18.3						17.3	17.4	18.5	18.4	17.5	17.2		
Bed Occupancy Rate ^{5, 27}	Per cent		74.9	81.8	76.6	87.8	73.3	54.6	51.3	53.0							61.1	67.2	61.0	61.9	67.8	73.6		
Mean Length of Stay ²⁷	Days		–	–	–	–	–	–	–	6.6	5.6						5.5	5.4	–	5.8	5.0	3.5		