

## Diabetes

### Disclaimer

1. The data is provided by the Bermuda Health Council and must be authorized prior to publication or use and if authorized, must be cited when published or used.
2. Bermuda Health Council does not make any guarantees or provide third-party validation for the data sources.
3. The data provided is from claims data submitted to the Health Council by insurers for local and overseas claims (Note: this excludes local hospital, and subsidy claims but includes overseas hospitals). The original data is provided to the insurers by the health business submitting claims for the specified criteria outlined (i.e., conditions identified through diagnosis (ICD-9 or ICD-10) or procedure codes (CPT/HCPCS or local hospital charge codes)).
4. Fiscal year (FY) is from 1<sup>st</sup> April to 31<sup>st</sup> March.
5. Data included from Argus, BF&M, CG, GEHI, HIP and FTC.
6. Data submitted to the Health Council by insurers does not include out-of-pocket expenses.
7. Note: COVID-19 may have impacted the utilization of services from March 2020 to the present.

### Data

The following tables display local and overseas expenditure, claim count and unique claimants for diabetic conditions for the four (4) year period of the fiscal year ending March 2020 to the fiscal year ending March 2023.

NOTE:

- Expenditure: The total amount paid by local licensed health insurers.
- Claim Count: the number of claims submitted to local insurers by health service providers and health professionals.
- Claimants: the number of unique individuals who received care.
- The data consists of claims with primary diagnoses categorized by ICD-9/10 codes for diabetic conditions.
- The number of individuals may overlap across categories, as some may have multiple conditions. Additionally, some individuals may have received care both locally and overseas.

**Table 1.** The table displays the **local** number of expenditures, claims, and claimants for the fiscal years 2020-2023, based on diagnosis codes (ICD-9/10) for **diabetes in individuals aged <19**.

LOCAL DATA												
Age	<19											
Fiscal Year	FY2020			FY2021			FY2022			FY2023		
Data Type	Expenditure	Claim Count	Claimants	Expenditure	Claim Count	Claimants	Expenditure	Claim Count	Claimants	Expenditure	Claim Count	Claimants
Secondary Diabetes or Due to an Underlying Condition	\$236.00	<5	<5	\$125.00	<5	<5	\$979.04	7	<5	\$3,321.70	33	8
Drug or Chemical-Induced Diabetes	-	-	-	-	-	-	-	-	-	-	-	-
Type I Diabetes	\$19,806.40	46	12	\$17,259.70	75	13	\$37,018.10	282	28	\$109,337.00	417	<5
Type II Diabetes	\$1,537.00	23	<5	\$2,527.00	42	6	\$14,784.00	89	19	\$35,289.00	124	25
Other Specified Diabetes	-	-	-	\$511.00	5	<5	\$1,985.10	5	<5	\$403.00	<5	<5
Total	\$21,579.40	71	15	\$20,422.70	123	21	\$54,766.24	383	52	\$148,350.70	576	37

**Table 2.** The table displays the **local** number of expenditures, claims, and claimants for the fiscal years 2020-2023, based on diagnosis codes (ICD-9/10) for **diabetes** in individuals **aged 20 to 44**.

LOCAL DATA												
Age	20 to 44											
Fiscal Year	FY2020			FY2021			FY2022			FY2023		
Data Type	Expenditure	Claim Count	Claimants	Expenditure	Claim Count	Claimants	Expenditure	Claim Count	Claimants	Expenditure	Claim Count	Claimants
Secondary Diabetes or Due to an Underlying Condition	\$2,337.80	19	6	\$18,714.70	63	19	\$10,931.40	98	20	\$11,181.80	102	23
Drug or Chemical-Induced Diabetes	\$1,751.66	5	<5	\$593.00	5	<5	\$310.00	<5	<5	\$1,717.18	10	<5
Type I Diabetes	\$26,747.90	69	20	\$57,312.80	355	48	\$85,843.10	555	65	\$110,639.00	734	66
Type II Diabetes	\$72,221.10	780	79	\$205,963.00	2,504	263	\$323,307.00	3,843	360	\$325,597.00	3,527	379
Other Specified Diabetes	\$2,112.00	23	13	\$15,372.20	158	19	\$8,698.40	94	15	\$4,994.00	53	11
Total	\$105,170.46	896	120	\$297,955.70	3085	350	\$429,089.90	4591	461	\$454,128.98	4426	481

**Table 3.** The table displays the **local** number of expenditures, claims, and claimants for the fiscal years 2020-2023, based on diagnosis codes (ICD-9/10) for **diabetes** in individuals **aged 45 to 64**.

LOCAL DATA												
Age	45 to 64											
Fiscal Year	FY2020			FY2021			FY2022			FY2023		
Data Type	Expenditure	Claim Count	Claimants	Expenditure	Claim Count	Claimants	Expenditure	Claim Count	Claimants	Expenditure	Claim Count	Claimants
Secondary Diabetes or Due to an Underlying Condition	\$18,141.90	164	54	\$34,662.00	339	96	\$53,608.60	374	92	\$69,533.30	484	93
Drug or Chemical-Induced Diabetes	\$1,206.00	12	<5	\$717.00	6	<5	\$1,575.45	17	6	\$658.00	7	<5
Type I Diabetes	\$22,631.70	52	19	\$84,796.60	592	85	\$109,540.00	580	88	\$136,890.00	715	75
Type II Diabetes	\$316,331.00	3,417	396	\$982,589.00	12,452	1,316	\$1,545,185.00	16,490	1,458	\$1,875,312.00	17,430	1,579
Other Specified Diabetes	\$18,206.40	199	75	\$85,081.40	836	101	\$51,125.70	531	76	\$40,538.00	416	72
Total	\$376,517.00	3,844	547	\$1,187,846.00	14,225	1,601	\$1,761,034.75	17992	1,720	\$2,122,931.30	19,052	1,822

**Table 4.** The table displays the **local** number of expenditures, claims, and claimants for the fiscal years 2020-2023, based on diagnosis codes (ICD-9/10) for **diabetes** in individuals **aged 65+**.

LOCAL DATA												
Age	65+											
Fiscal Year	FY2020			FY2021			FY2022			FY2023		
Data Type	Expenditure	Claim Count	Claimants	Expenditure	Claim Count	Claimants	Expenditure	Claim Count	Claimants	Expenditure	Claim Count	Claimants
Secondary Diabetes or Due to an Underlying Condition	\$13,496.10	110	22	\$31,638.70	295	89	\$59,141.00	701	124	\$80,325.00	633	100
Drug or Chemical-Induced Diabetes	\$1,549.70	10	<5	\$2,912.23	14	<5	\$2,182.00	22	<5	\$6,631.00	25	5
Type I Diabetes	\$2,095.80	11	6	\$53,963.90	467	67	\$113,502.00	821	143	\$97,483.40	912	88
Type II Diabetes	\$139,436.00	1,507	295	\$1,144,017.00	15,927	2,098	\$3,208,942.00	37,871	3,963	\$3,297,001.00	37,028	3,579
Other Specified Diabetes	\$15,034.50	174	83	\$147,679.00	1,403	200	\$130,757.00	1,590	238	\$102,930.00	1,403	183
Total	\$171,612.10	1,812	410	\$1,380,210.83	18,106	2,458	\$3,514,524.00	41005	4,472	\$3,584,370.40	40,001	3,955

**Table 5.** The table displays the **overseas** number of expenditures, claims, and claimants for the fiscal years 2020-2023, based on diagnosis codes (ICD-9/10) for **diabetes** in individuals **aged <19**.

LOCAL DATA												
Age	<19											
Fiscal Year	FY2020			FY2021			FY2022			FY2023		
Data Type	Expenditure	Claim Count	Claimants	Expenditure	Claim Count	Claimants	Expenditure	Claim Count	Claimants	Expenditure	Claim Count	Claimants
Secondary Diabetes or Due to an Underlying Condition	-	-	-	-	-	-	-	-	-	-	-	-
Drug or Chemical-Induced Diabetes	-	-	-	-	-	-	-	-	-	-	-	-
Type I Diabetes	\$64,704.50	178	16	\$45,850.40	120	12	\$42,860.40	118	11	\$42,301.50	121	13
Type II Diabetes	\$52.83	<5	<5	-	-	-	\$38,337.00	20	<5	\$795.63	3	<5
Other Specified Diabetes	\$1,846.30	<5	<5	-	-	-	-	-	-	\$9,687.65	19	<5
Total	\$66,603.63	181	18	\$45,850.40	120	12	\$81,197.40	138	13	\$52,784.78	143	16

**Table 6.** The table displays the **overseas** number of expenditures, claims, and claimants for the fiscal years 2020-2023, based on diagnosis codes (ICD-9/10) for **diabetes in individuals aged 20 to 44.**

OVERSEAS DATA												
Age	20 to 44											
Fiscal Year	FY2020			FY2021			FY2022			FY2023		
Data Type	Expenditure	Claim Count	Claimants	Expenditure	Claim Count	Claimants	Expenditure	Claim Count	Claimants	Expenditure	Claim Count	Claimants
Secondary Diabetes or Due to an Underlying Condition	\$2,711.72	6	<5	\$2,240.70	<5	<5	\$5,022.50	8	<5	\$2,398.30	4	<5
Drug or Chemical-Induced Diabetes	-	-	-	-	-	-	-	-	-	-	-	-
Type I Diabetes	\$80,265.20	214	26	\$86,903.50	178	19	\$43,024.40	181	17	\$41,957.40	146	19
Type II Diabetes	\$57,787.80	100	11	\$2,887.14	10	<5	\$53,630.90	129	11	\$4,750.52	35	10
Other Specified Diabetes	-	-	-	-	-	-	-	-	-	-	-	-
Total	\$140,764.72	320	39	\$92,031.34	191	23	\$101,677.80	318	29	\$49,106.22	185	30

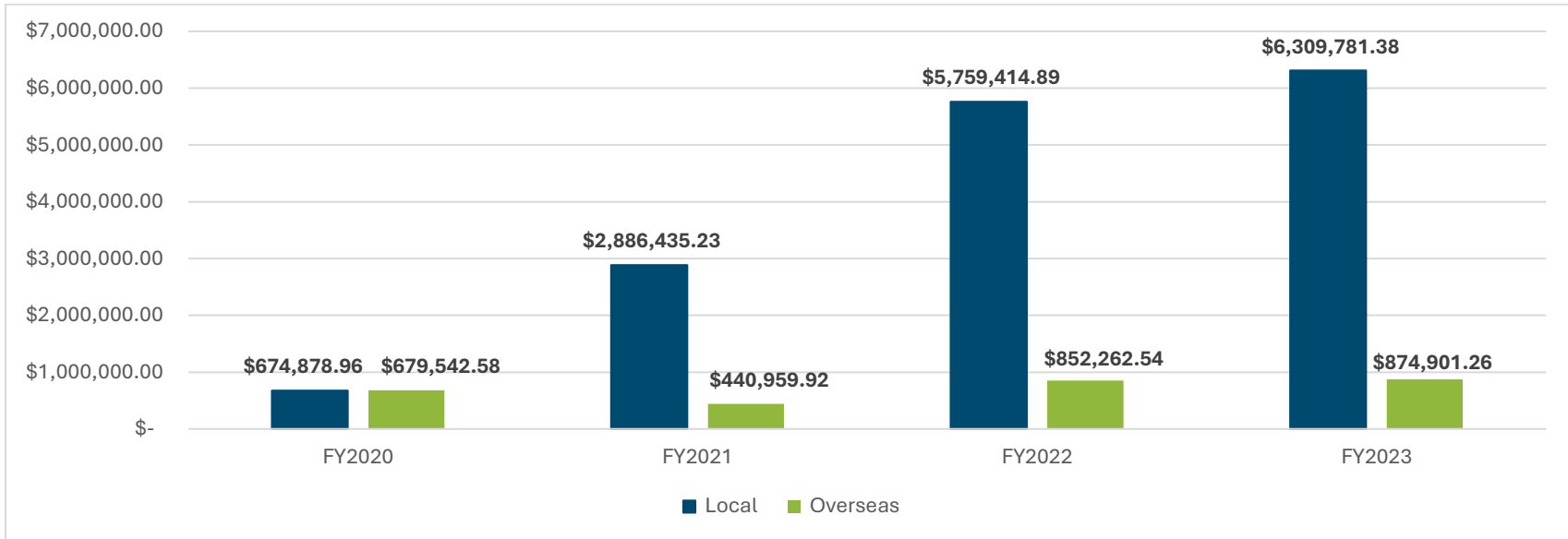
**Table 7.** The table displays the **overseas** number of expenditures, claims, and claimants for the fiscal years 2020-2023, based on diagnosis codes (ICD-9/10) for **diabetes in individuals aged 45 to 64.**

OVERSEAS DATA												
Age	45 to 64											
Fiscal Year	FY2020			FY2021			FY2022			FY2023		
Data Type	Expenditure	Claim Count	Claimants	Expenditure	Claim Count	Claimants	Expenditure	Claim Count	Claimants	Expenditure	Claim Count	Claimants
Secondary Diabetes or Due to an Underlying Condition	-	-	-	\$325.00	<5	<5	\$244.39	<5	<5	\$573.49	<5	<5
Drug or Chemical-Induced Diabetes	-	-	-	-	-	-	-	-	-	-	-	-
Type I Diabetes	\$64,143.30	200	17	\$40,017.50	95	12	\$38,130.20	142	13	\$34,811.60	125	14
Type II Diabetes	\$248,232.00	384	49	\$72,860.60	218	30	\$106,442.00	401	43	\$234,055.00	358	39
Other Specified Diabetes	\$2,200.63	19	6	\$12,784.70	25	<5	-	-	-	\$511.36	5	<5
Total	\$314,575.93	603	72	\$125,987.80	341	45	\$144,816.59	546	58	\$269,951.45	492	57

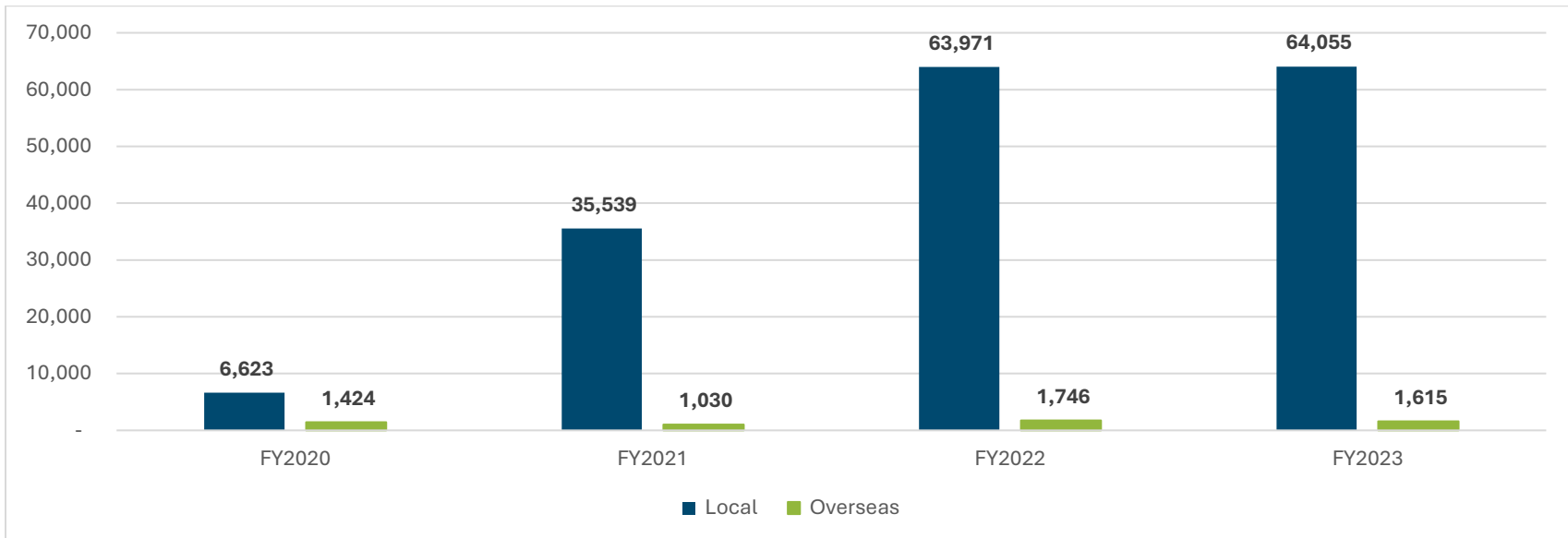
**Table 8.** The table displays the **overseas** number of expenditures, claims, and claimants for the fiscal years 2020-2023, based on diagnosis codes (ICD-9/10) for **diabetes in individuals aged 65+.**

OVERSEAS DATA												
Age	65+											
Fiscal Year	FY2020			FY2021			FY2022			FY2023		
Data Type	Expenditure	Claim Count	Claimants	Expenditure	Claim Count	Claimants	Expenditure	Claim Count	Claimants	Expenditure	Claim Count	Claimants
Secondary Diabetes or Due to an Underlying Condition	-	-	-	-	-	-	-	-	-	\$4,608.91	<5	<5
Drug or Chemical-Induced Diabetes	-	-	-	-	-	-	-	-	-	-	-	-
Type I Diabetes	\$3,398.30	13	<5	\$10,480.00	27	6	\$66,796.50	164	10	\$44,862.80	84	6
Type II Diabetes	\$154,200.00	307	42	\$165,063.00	335	34	\$457,465.00	578	61	\$452,893.00	705	67
Other Specified Diabetes	-	-	-	\$1,547.38	16	<5	\$309.25	<5	<5	\$694.10	<5	<5
Total	\$157,598.30	320	45	\$177,090.38	378	42	\$524,570.75	744	73	\$503,058.81	795	76

**Chart 1. Total Local Expenditure for Diabetes vs Total Overseas Expenditure for Diabetes**



**Chart 2. Total Local Claim Count for Diabetes vs Total Overseas Claim Count for Diabetes**



**Chart 3. Total Local Claimants Count for Diabetes Locally vs Total Overseas Claimants Count for Diabetes**

