

## Data Analytics on Common Health Conditions

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### **Subject**

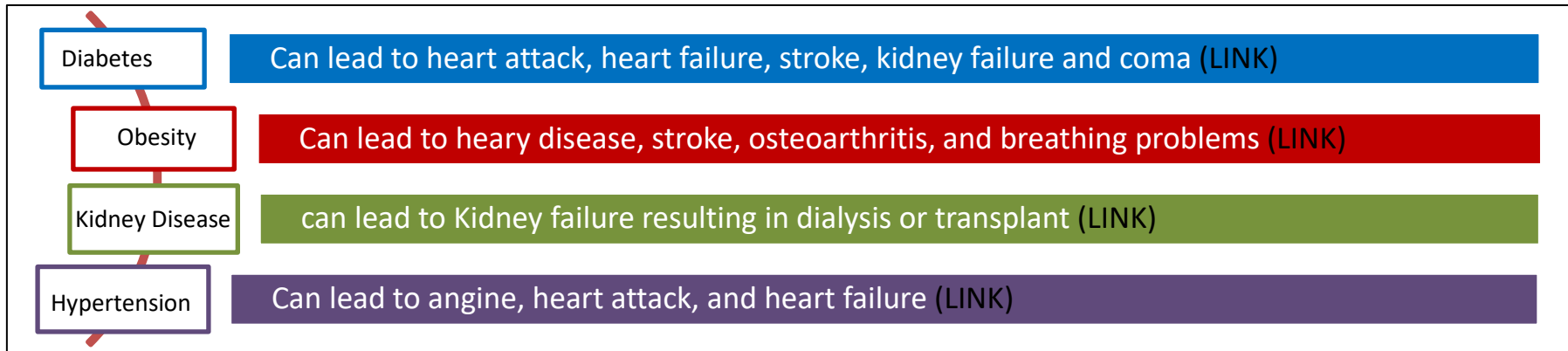
1. A suggestion was submitted for data analysis to be conducted on the expenditure and prevalence of common health conditions in Bermudians.

### **Disclaimer**

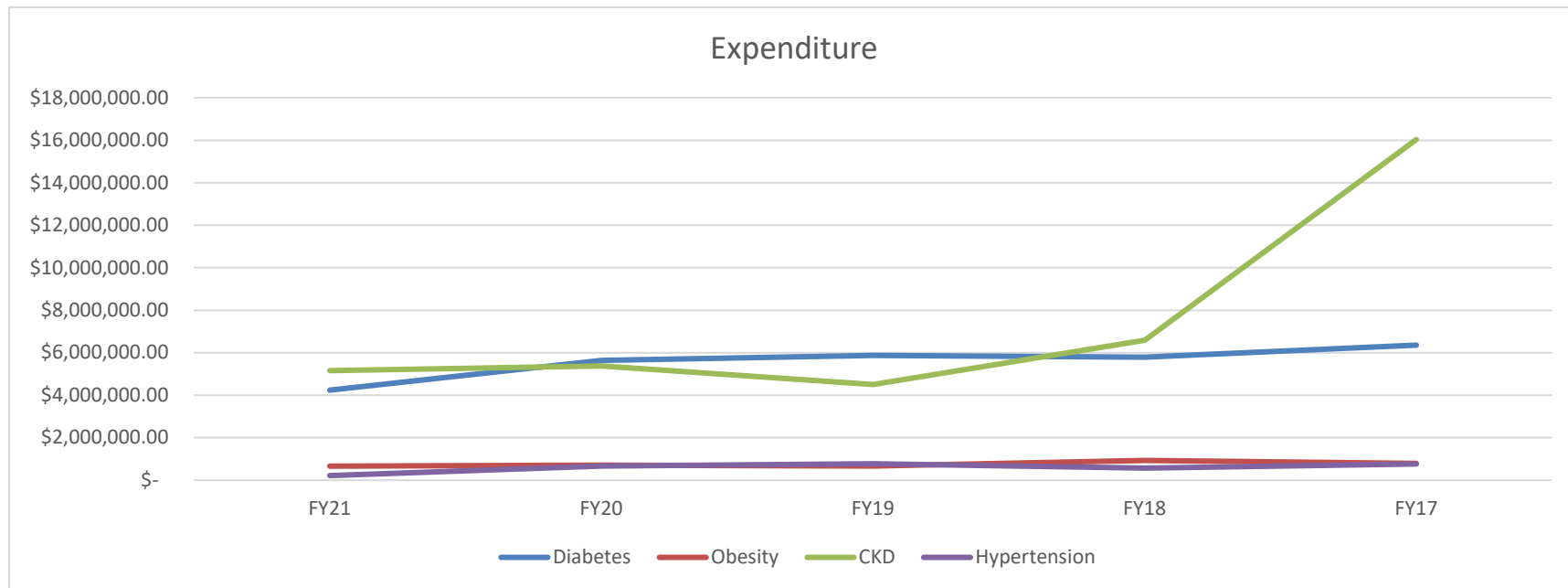
2. The data is provided by the Bermuda Health Council and must be authorized prior to publication or use and if authorized, must be cited when published or used.
3. Bermuda Health Council does not make any guarantees or provide third party validation for the data sources.
4. The data provided is from 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 or local hospital charge codes)). Claims expenditure does not include rejected claims.
5. Fiscal year (FY) is 1<sup>st</sup> April to 31<sup>st</sup> March.
6. Data included from Argus, BF&M, CG, GEHI, HIP and FTC.
7. Subsidy includes claims from: Youth, Age, Indigent
8. Data submitted to the Health Council by insurers does not include out-of-pocket expenses.
9. Note: Covid-19 may have impacted utilization of services from the time frame of March 2020, to current.

**Data**

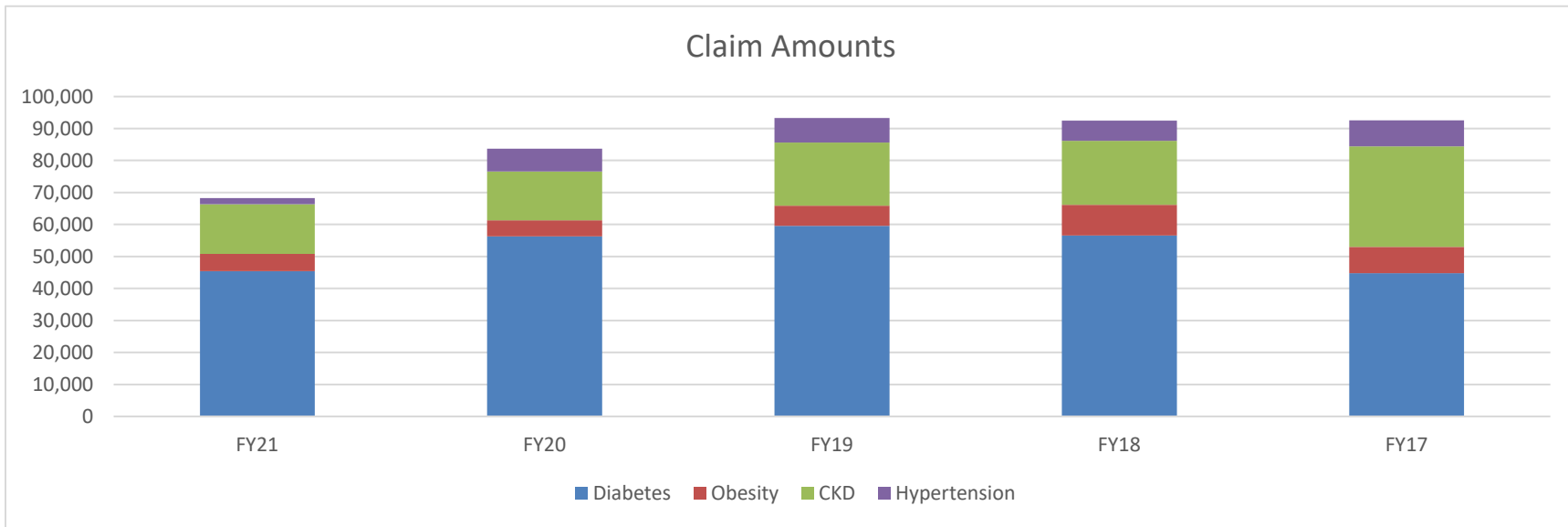
Common health conditions in Bermuda are diabetes, obesity, kidney disease and hypertension. These conditions can have negative health consequences and can impact the health system.



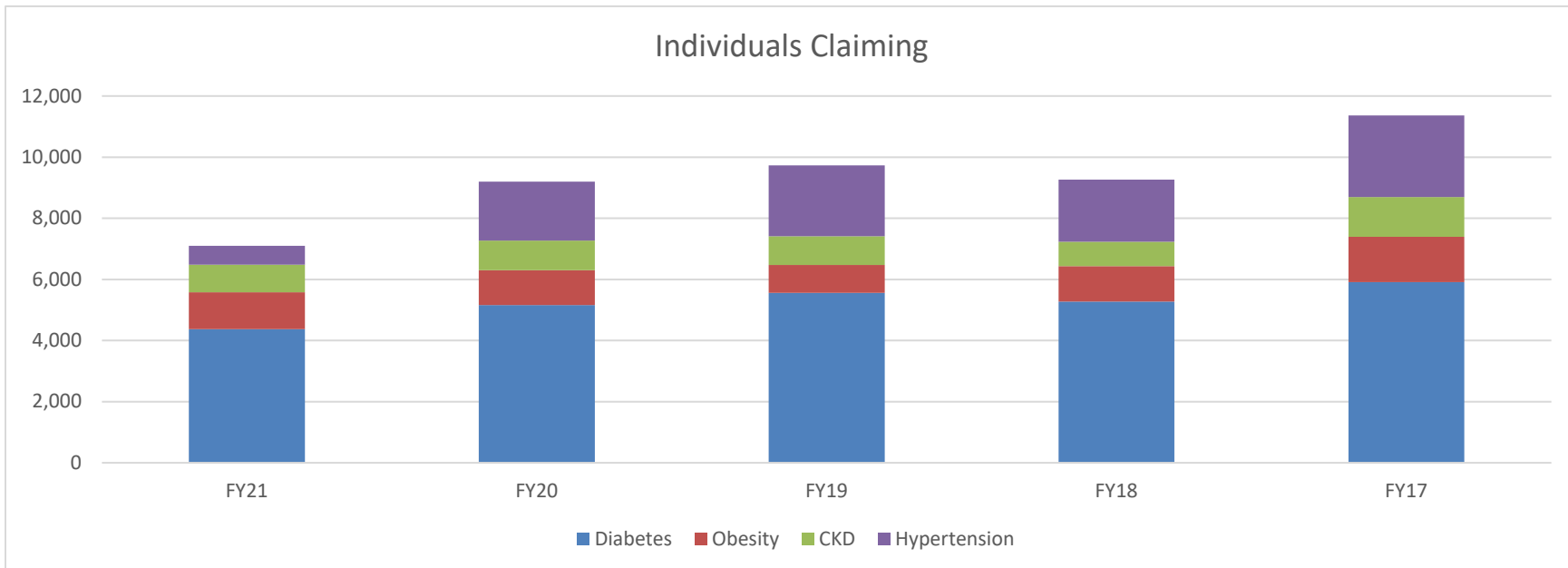
The following table looks at local and overseas expenditure on health conditions over the last few years.



The following table looks at local and overseas claim amounts on health conditions over the last few years.



The following table looks at how many individuals are submitting claim on health conditions over the last few years.



Raw Data

**CLAIM AMOUNT**

	<i>FY21</i>	<i>FY20</i>	<i>FY19</i>	<i>FY18</i>	<i>FY17</i>
<b>DIABETES</b>	45,417	56,290	59,575	56,577	44,730
<b>OBESITY</b>	5,421	5,058	6,278	9,556	8,305
<b>CKD</b>	15,478	15,229	19,778	20,023	31,417
<b>HYPERTENSION</b>	1,982	7,141	7,673	6,332	8,094

**EXPENDITURE**

	<i>FY21</i>	<i>FY20</i>	<i>FY19</i>	<i>FY18</i>	<i>FY17</i>
<b>DIABETES</b>	\$4,239,495.43	\$5,641,495.81	\$5,877,985.08	\$5,792,720.50	\$6,357,631.04
<b>OBESITY</b>	\$661,552.75	\$709,287.73	\$668,822.42	\$930,403.83	\$787,727.26
<b>CKD</b>	\$5,158,559.66	\$5,374,403.42	\$4,503,726.18	\$6,593,036.69	\$16,034,708.50
<b>HYPERTENSION</b>	\$217,461.88	\$669,477.59	\$774,258.23	\$575,878.64	\$757,622.41

**INDIVIDUALS CLAIMING**

	<i>FY21</i>	<i>FY20</i>	<i>FY19</i>	<i>FY18</i>	<i>FY17</i>
<b>DIABETES</b>	4,372	5,160	5,561	5,277	5,912
<b>OBESITY</b>	1,204	1,140	915	1,154	1,481
<b>CKD</b>	901	966	940	805	1,299
<b>HYPERTENSION</b>	620	1,928	2,319	2,029	2,676