JAMAICA ENERGY STATISTICS 2021

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May 2022

TABLE 1. TOTAL PETROLEUM IMPORTS

2017-2021

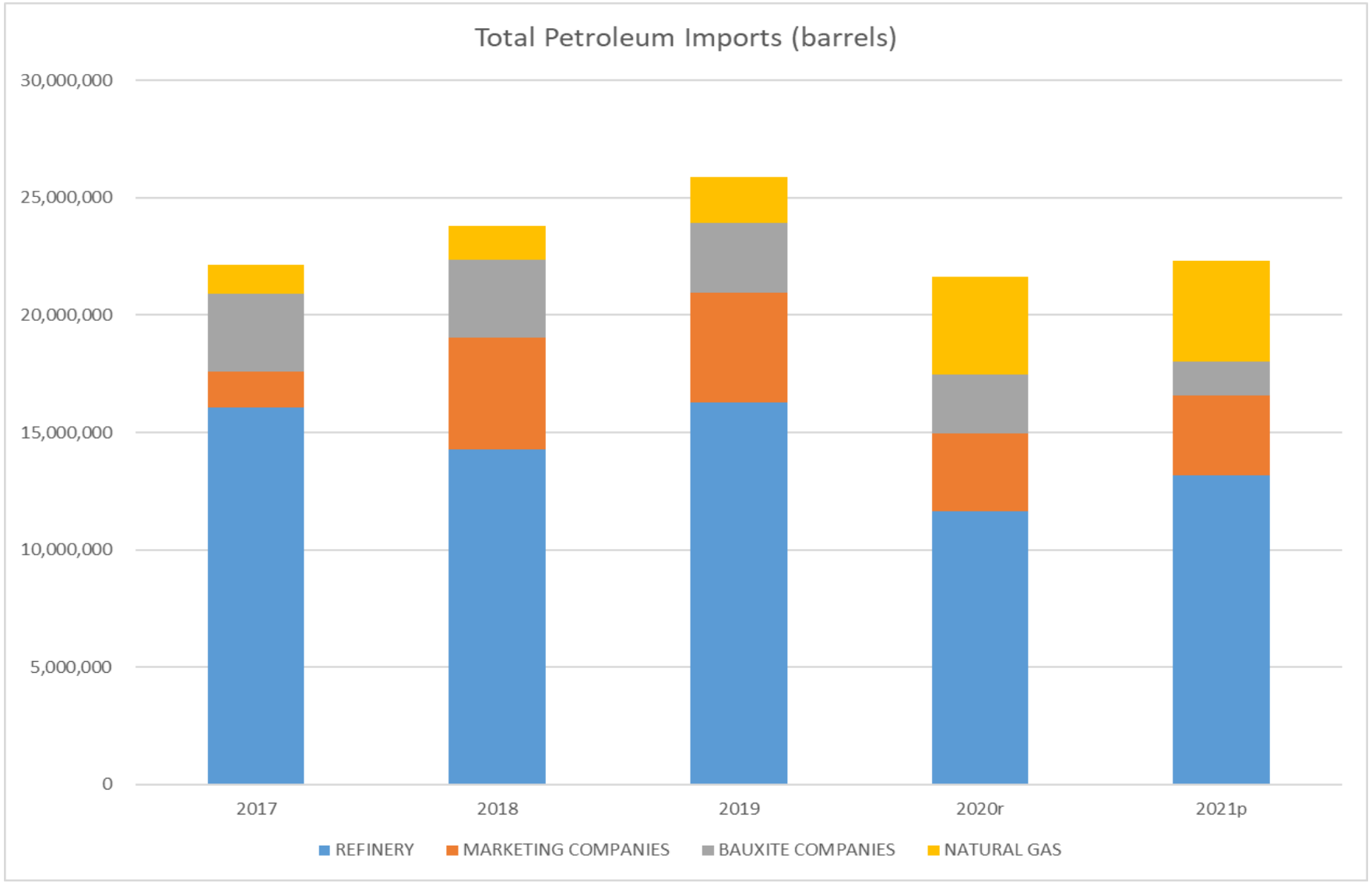
Importer Grouping	2017		2018		2019		2020r		2021p	
	Volume (Bls)	Value (US$)	Volume (Bls)	Value (US$)	Volume (Bls)	Value (US$)	Volume (Bls)	Value (US$)	Volume (Bls)	Value (US$)
Crude	7,334,365	392,680,911	7,452,579	516,496,439	9,568,843	617,574,942	7,977,310	380,099,717	8,186,366	580,889,967
Refined Products	8,340,690	508,427,204	6,494,156	510,040,175	6,330,528	457,805,461	3,349,146	168,693,852	4,614,523	386,173,118
Anhydrous	381,904	29,189,973	333,758	23,834,719	391,658	30,057,211	336,755	22,128,278	352,277	36,977,637
Sub - Total	16,056,959	930,298,088	14,280,493	1,050,371,333	16,291,029	1,105,437,614	11,663,211	570,921,848	13,153,166	1,004,040,721
MARKETING COMPANIES										
Refined Products	1,550,630	121,075,464	4,702,409	397,800,724	4,643,855	352,830,328	3,225,661	214,705,877	3,174,467	266,216,120
Anhydrous	-	-	65,079	8,877,534	22,704	2,582,022	88,435	9,280,209	229,491	28,110,304
Sub - Total	1,550,630	121,075,464	4,767,488	406,678,258	4,666,559	355,412,350	3,314,096	223,986,086	3,403,958	294,326,425
BAUXITE COMPANIES										
Bunker C	1,176,915	59,367,993	1,253,126	80,329,056	902,596	46,499,679	1,248,180	38,583,484	858,899	46,843,164
Low Vanadium	2,023,098	95,470,447	1,973,188	122,777,034	2,079,050	111,642,032	1,252,695	47,764,731	599,189	33,079,091
Sub - Total	3,318,995	163,686,958	3,310,465	211,075,149	2,981,646	158,141,711	2,500,875	86,348,215	1,458,088	79,922,255
NON - BAUXITE TOTAL	17,607,588	1,051,373,551	19,047,981	1,457,049,591	20,957,588	1,460,849,964	14,977,307	794,907,934	16,557,124	1,298,367,145
TOTAL Petroleum	**20,926,583**	**1,215,060,509**	**22,358,446**	**1,668,124,740**	**23,939,234**	**1,618,991,674**	**17,478,182**	**881,256,149**	**18,015,213**	**1,378,289,400**
Natural Gas	**1,196,063**	**73,983,849**	**1,438,710**	**88,378,360**	**1,930,682**	**108,533,877**	**4,163,508**	**192,731,825**	**4,284,843**	**241,493,696**
Grand Total	**22,122,646**	**1,289,044,358**	**23,797,157**	**1,756,503,100**	**25,869,916**	**1,727,525,551**	**21,641,689**	**1,073,987,974**	**22,300,056**	**1,619,783,096**

SOURCE: Petrojam, Marketing Companies and Bauxite Companies

Note:
p - preliminary
r= revised

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TABLE 2. PETROLEUM CONSUMPTION BY ACTIVITY
2017 - 2021 (BLS)

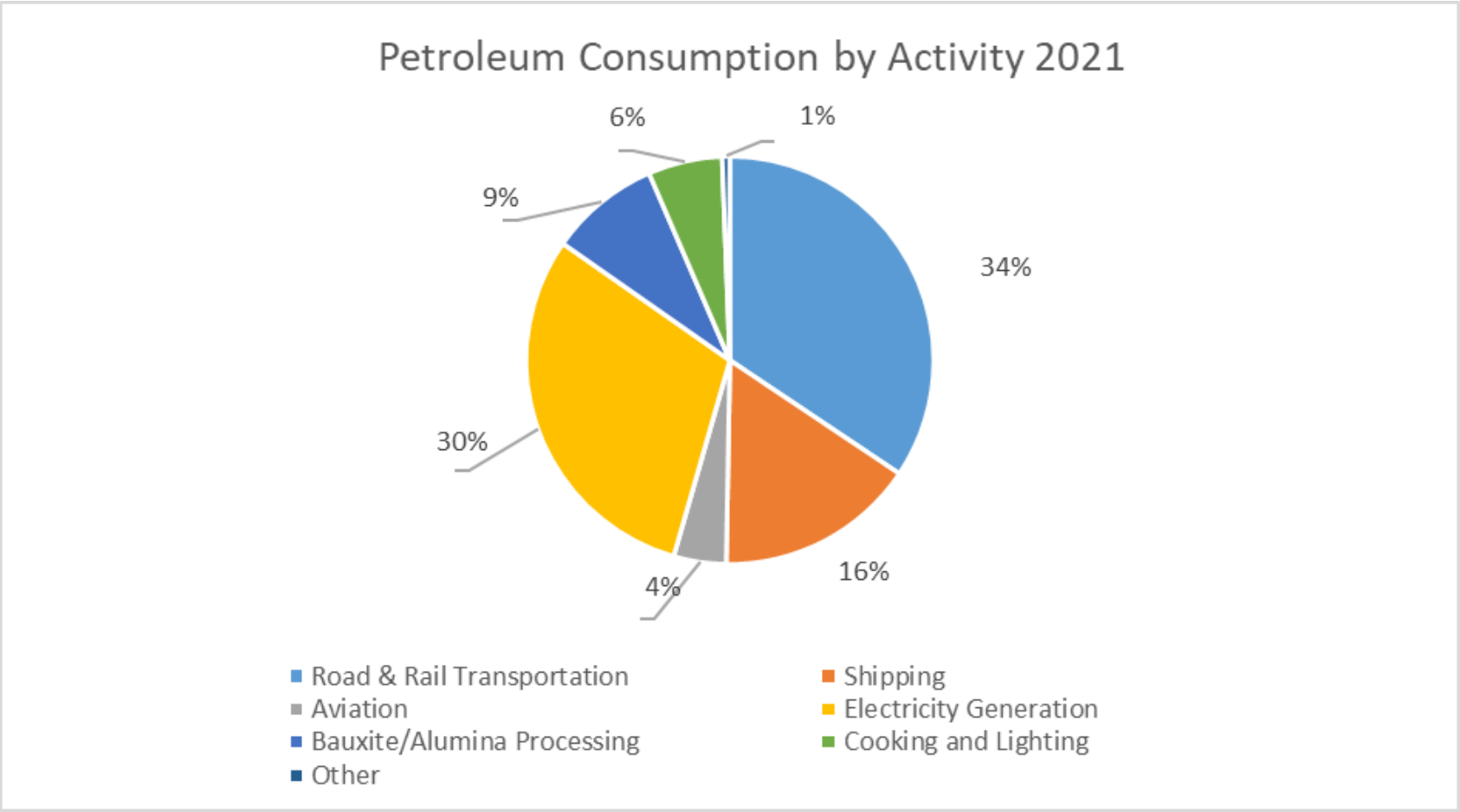
Activities	2017	2018	2019	2020r	2021p
Road & Rail Transportation	6,238,758	6,782,276	7,117,870	6,391,072	6,782,464
Shipping	2,038,265	3,026,620	3,870,101	4,049,863	3,138,038
Aviation	1,707,883	1,757,129	1,724,051	612,512	821,528
Cement Manufacturing	44,199	34,874	12,483	15,952	13,458
Electricity Generation	6,242,217	6,149,338	6,400,280	5,963,625	5,969,066
Bauxite/Alumina Processing	2,868,898	3,034,335	2,915,147	2,372,704	1,735,385
Sugar Manufacturing	16,576	27,734	20,040	14,223	16,609
Cooking and Lighting	1,160,873	1,158,915	1,200,400	1,097,230	1,162,067
Other Manufacturing	20,829	22,589	52,262	38,558	17,002
Other	124,629	136,132	94,299	43,999	72,273
TOTAL	**20,463,127**	**22,129,943**	**23,406,935**	**20,599,737**	**19,727,888**
Petroleum Refinery	364,419	333,307	**346,477**	**317,698**	**241,819**
GRAND TOTAL	**20,827,546**	**22,463,250**	**23,753,412**	**20,917,435**	**19,969,707**

SOURCE: Bauxite/Alumina Companies, Caribbean Cement Company, Jamaica Public Service Company, Independent Private Power Companies, Refinery Statistics, Marketing Companies' Sales

Notes: (1) p - preliminary
(2)* Totals do not include figures for lubricants and asphalts which are non energy products.

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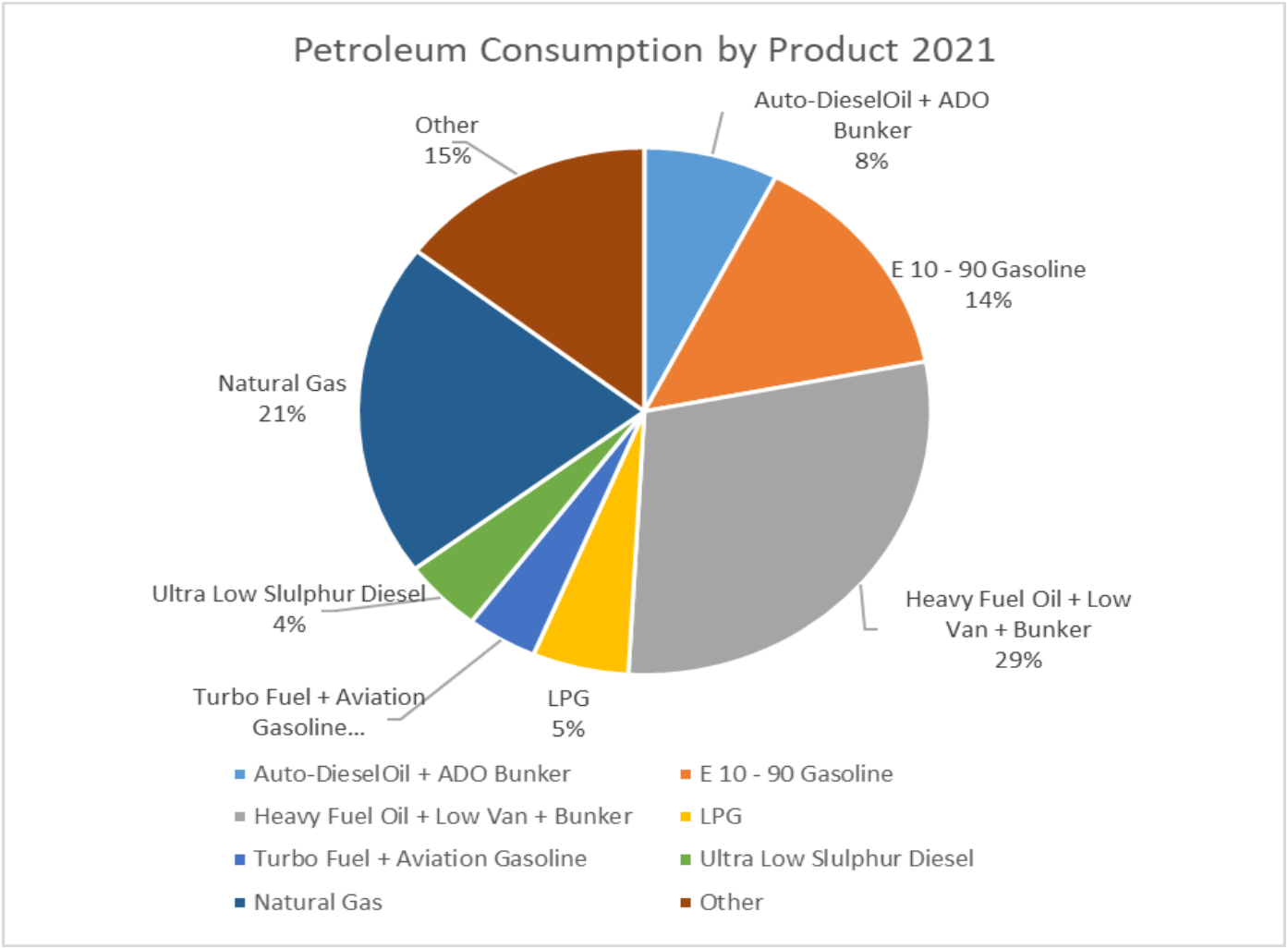


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TABLE 3. PETROLEUM CONSUMPTION BY PRODUCTS
2017 - 2021(BLS)

Product	2017	2018	2019	2020r	2021p
Asphalt	116,983	154,590	150,188	88,278	71,529
Auto Diesel Oil	1,609,669	1,706,279	1,622,606	1,306,679	1,445,828
Auto Diesel Oil Bunker	182,871	329,942	342,566	113,027	118,321
Aviation Gasoline	1,270	1,657	1,660	793	1,178
E 10 -90	2,362,862	2,662,007	2,942,654	2,666,610	2,966,966
E10 -87	2,108,759	2,113,120	2,054,049	1,745,896	1,683,657
Fuel Oil (Low Van)	1,323,893	1,418,971	1,374,410	899,324	454,593
Heavy Fuel Oil	60,883	57,161	714,323	1,131,742	643,528
Heavy Fuel Oil (Bunker - C)	8,212,207	8,764,268	8,522,684	5,833,923	4,866,468
Kerosene	9,105	15,437	19,162	28,081	42,543
LPG	1,151,768	1,143,478	1,181,238	1,069,149	1,119,524
Lubricants	7,215	2,193	1,850	1,476	1,432
Turbo Fuel	1,706,613	1,755,472	1,721,788	611,719	820,350
Ultra Low Sulphur Diesel	519,163	741,504	888,868	806,014	926,021
Natural Gas	1,214,065	1,420,647	1,912,326	4,108,623	4,247,201
Low Sulphur Diesel	-	-	108,600	278,157	391,711
Total	**20,587,325**	**22,286,726**	**23,558,973**	**20,689,491**	**19,800,850**

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TABLE 4. PETROLEUM PRICES FOR SELECTED PRODUCTS (J$/LITRE)

Ex-refinery Price	E10-90	E10-87	A.D.O	ULSD
2017	66.08	64.28	61.42	67.87
2018	83.87	81.55	82.65	87.77
2019	81.03	78.87	84.01	87.93
2020	70.75	68.57	68.97	73.06
2021	93.98	90.27	87.75	91.95

Refinery Billing Price	E10-90	E10-87	A.D.O	ULSD
2017	113.47	111.17	107.48	113.17
2018	135.02	132.07	132.95	137.84
2019p	133.31	130.67	135.91	139.53
2020	121.48	117.00	116.96	120.97
2021	144.92	140.42	137.11	141.16

Retail Price	E10-90	E10-87	A.D.O	ULSD
2017	103.41	96.14	94.37	101.57
2018	165.15	154.51	156.09	166.67
2019p	165.59	154.45	160.92	170.56
2020	155.35	143.95	146.57	155.04
2021	175.27	162.75	159.69	167.84

NOTE: All prices are mean values

Source: Petrojam Limited and MCIS Website

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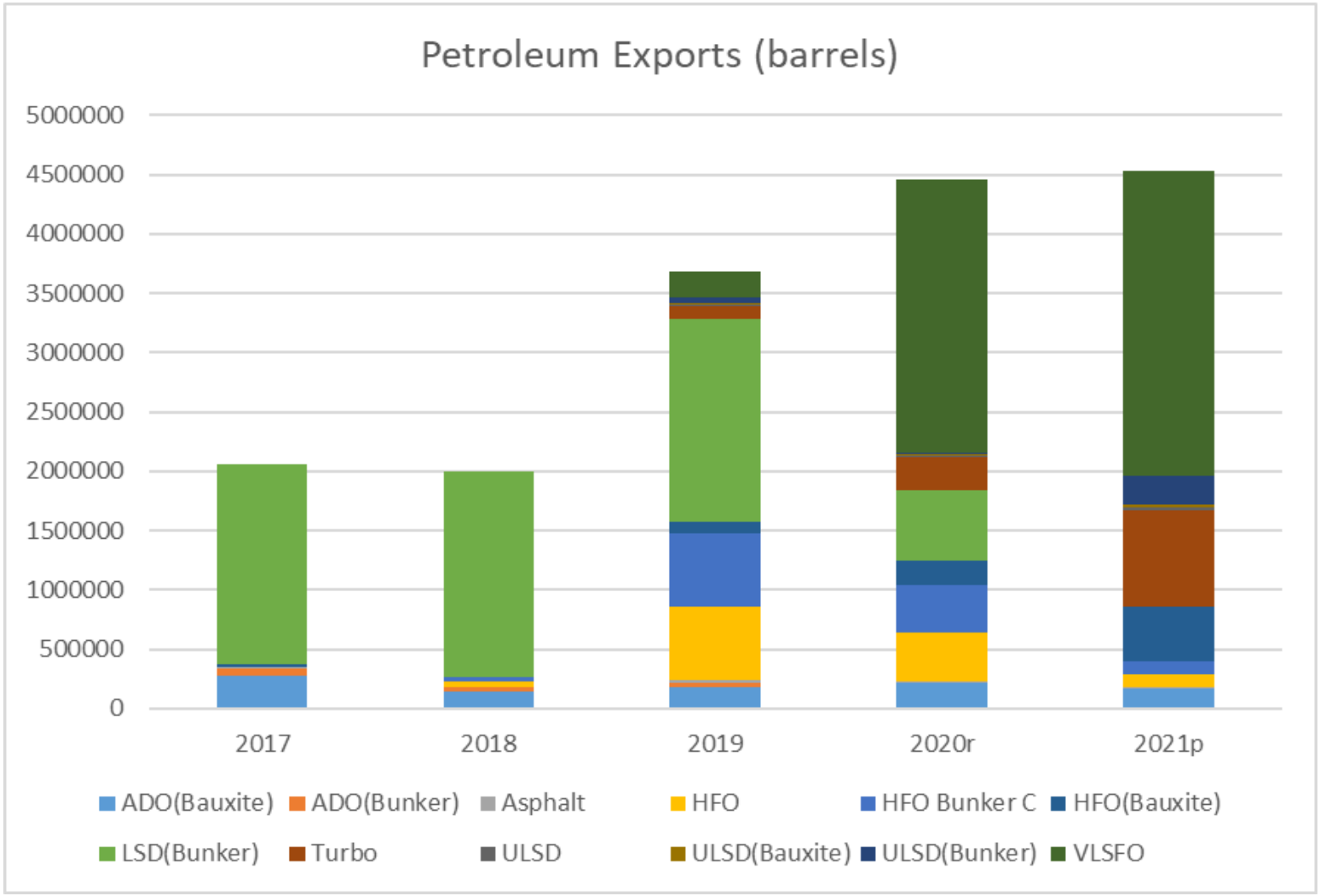
TABLE 5. JAMAICA'S TOTAL EXPORT (BARRELS)
2017 - 2020

Products	2017	2018	2019	2020r	2021p
	Volume (Bls)	Volume (Bls)	Volume (Bls)	Volume (Bls)	Volume (Bls)
ADO (bauxite)	279,105	138,234	177,238	221,318	170,674
ADO (Bunker)	53,158	38,645	32,594		1,391
Asphalt	14,494	6,736	34,690	10,177	5,616
HFO		38,901	615,562	405,159	108,190
HFO Bunker C	1,974,031	1,483,664	1,290,576	309,009	78,236
HFO(Bauxite)	23,266		98,643	201,700	461,496
LSD (Bunker)	1,686,131	1,738,136	1,714,128	601,559	
Turbo	-	-	108,064	272,115	820,290
ULSD	46,142	111,000	-	1,438	
ULSD (Bauxite)	-	-	10,648	14,996	19,881
ULSD (Bunker)	-	-	52,491	9,742	248,095
VLSFO	-	-	212,541	2,299,662	2,569,522
Grand Total	4,076,327	3,555,316	4,347,175	4,346,875	4,483,391

SOURCE: Petrojam Ltd.

Note:
p - preliminary
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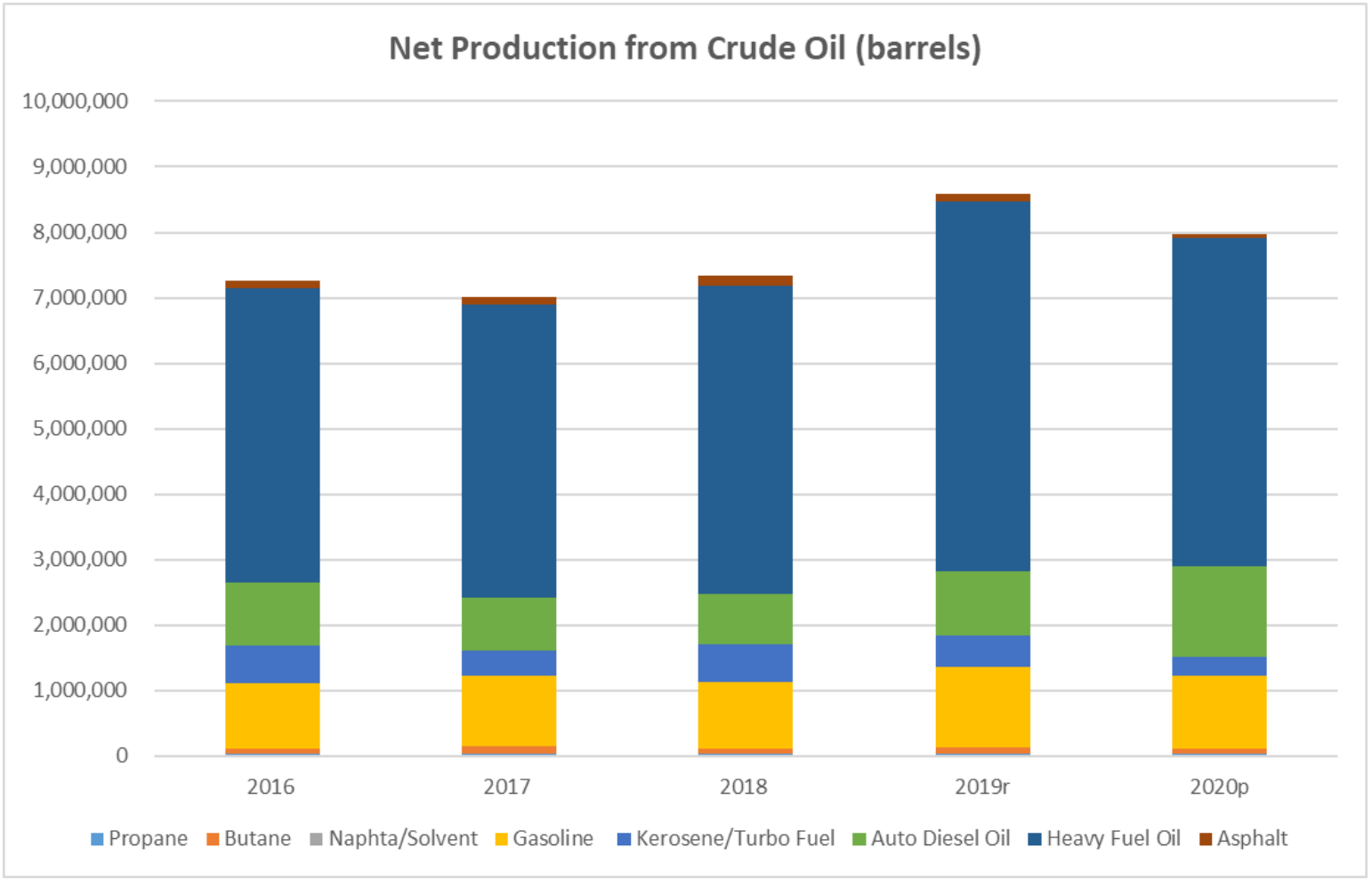
TABLE 6. JAMAICA'S TOTAL PRODUCTION FROM CRUDE (BARRELS)
2017-2021

PRODUCT	2017	2018	2019	2020r	2021p
Propane	43,511	32,875	34,349	28,525	10,817
Butane	103,801	90,214	97,348	77,893	38,284
Naphta/Solvent	353	441	304	327	242
Unleaded Gas 87	1,083,606	1,018,272	1,223,952	1,112,491	968,909
Kerosene/Turbo Fuel	384,926	566,572	485,811	303,422	241,282
Auto Diesel Oil	805,206	760,217	976,479	1,368,296	1,140,213
Heavy Fuel Oil	4,483,951	4,717,087	5,644,351	5,013,787	4,358,626
Asphalt	106,425	155,076	128,613	71,119	70,973
TOTAL	7,011,779	7,340,754	8,591,207	7,975,860	6,829,346

SOURCE: Petrojam Ltd.

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TABLE 7. JAMAICA'S TOTAL ALTERNATIVE ENERGY CONSUMPTION
2017 - 2021

ENERGY SOURCES	UNIT MEASURE ('000 BLS)	2017	2018	2019	2020r	2021p
Natural Gas	**000 MWh**	820	948	1,151	2,481	2,543
	000 BOE	508	587	713	1,537	1,576
Hydropower	**000 MWh**	154	179	155	136	139
	000 BOE	96	111	96	84	86
Wind	**000 MWh**	289	302	272	280	264
	000 BOE	179	187	169	174	163
Solar	**000 MWh**	44	46	90	124	132
	000 BOE	27	28	56	77	82
Coal	**000 TONNES**	84	79	85	91	96
	000 BOE	425	398	427	457	483
Bagasse - BOE	"	334	265	325	266	251
Total Alternative Energy - BOE	"	**1,569**	**1,577**	**1,785**	**2,595**	**2,641**

SOURCE: Bauxite/Alumina Companies, Caribbean Cement Company, Jamaica Public Service Company, Independent Private Power Companies, Refinery Statistics, Marketing Companies' Sales

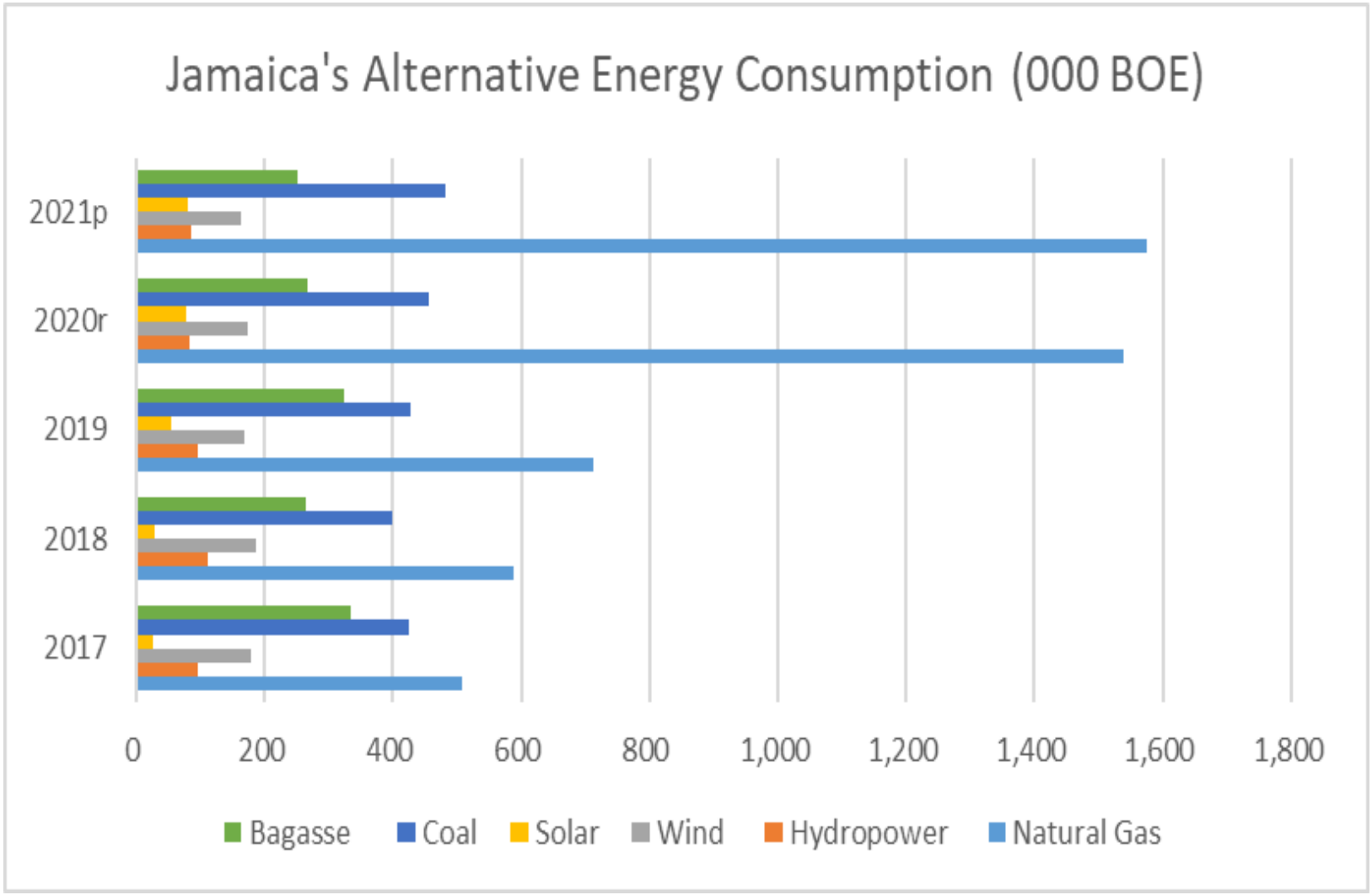
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TABLE 8. JPS ELECTRICITY STATISTICS

ELECTRICITY GENERATION (MWh)

Category	2017	2018	2019	2020r	2021p
Petroleum	3,086,855	2,880,413	2,757,259	1,206,233	1,226,317
Natural Gas	820,363	948,092	1,150,761	2,481,186	2,543,490
Hydro	154,243	179,154	155,212	135,581	138,432
Wind	255,222	301,950	272,010	280,321	263,808
Solar	43,884	45,893	89,597	124,112	131,908
Total Net Generation	**4,360,567**	**4,355,502**	**4,424,839**	**4,227,433**	**4,303,955**
Losses	1,151,620	1,143,994	1,148,916	1,184,788	1,217,766
Losses as a % of Net Generation	26%	26%	26%	28%	28%

ELECTRICITY SALES (MWh)

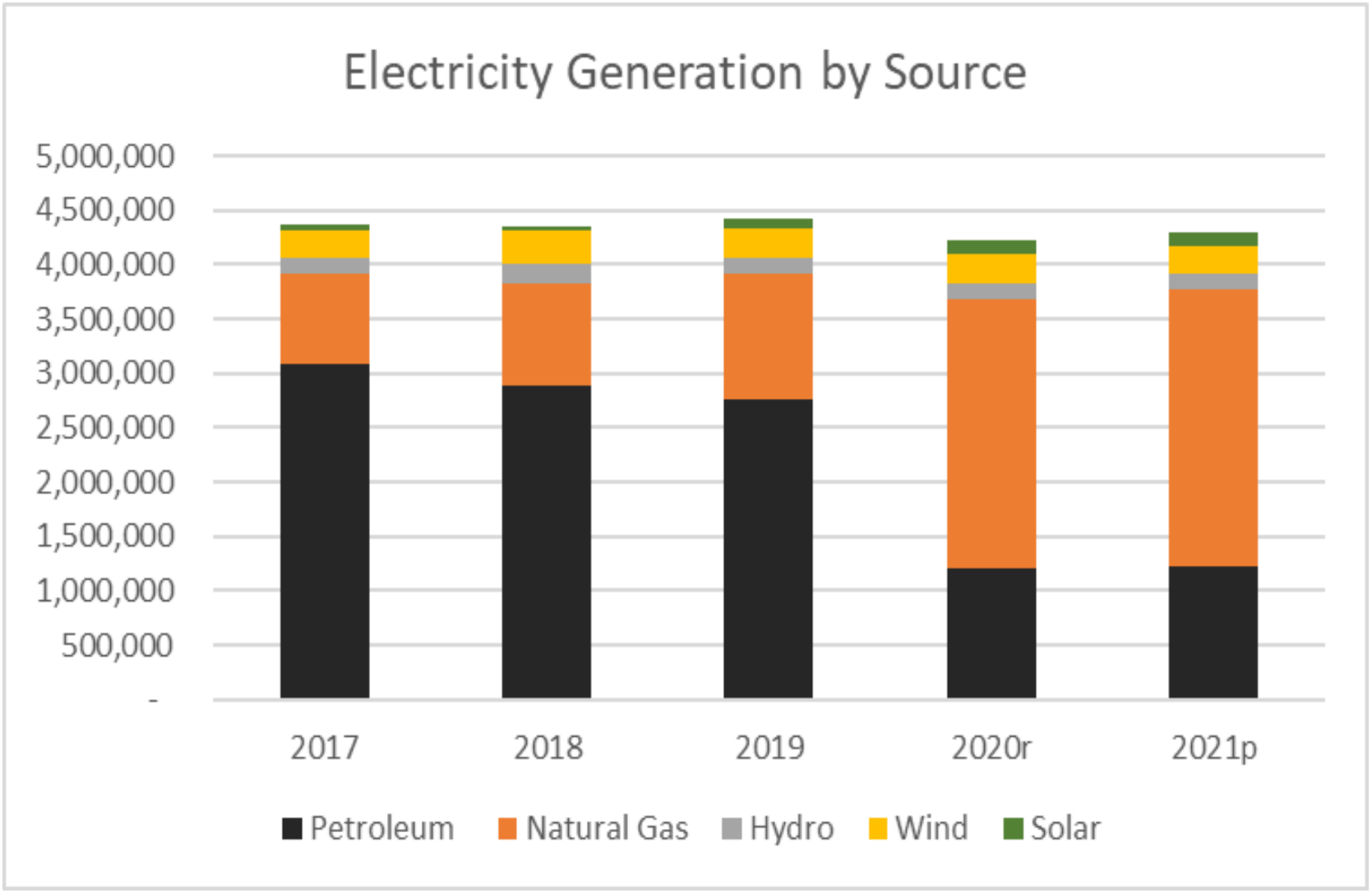
Category	2017	2018	2019	2020r	2021p
Rate 10 (Residential)	1,069,345	1,066,226	1,100,738	1,138,658	1,123,328
Rate 20 (General Service)	596,283	598,137	615,424	554,019	545,915
Rate 40 (Power Service)	785,822	800,840	811,884	740,678	742,629
Rate 50 (Large Power)	572,269	355,522	371,289	331,857	343,079
Rate 60 (Street Light)	68,312	62,423	59,428	51,546	49,432
Rate 70 (Largest Power Customers)	74,652	293,889	294,237	225,798	281,811
Other	42,263	34,501	22,936	86	
TOTAL	**3,208,946**	**3,211,538**	**3,275,936**	**3,042,642**	**3,086,194**

SOURCE: Jamaica Public Service and Independent Power Producers, WKPP,JEP, JPPC

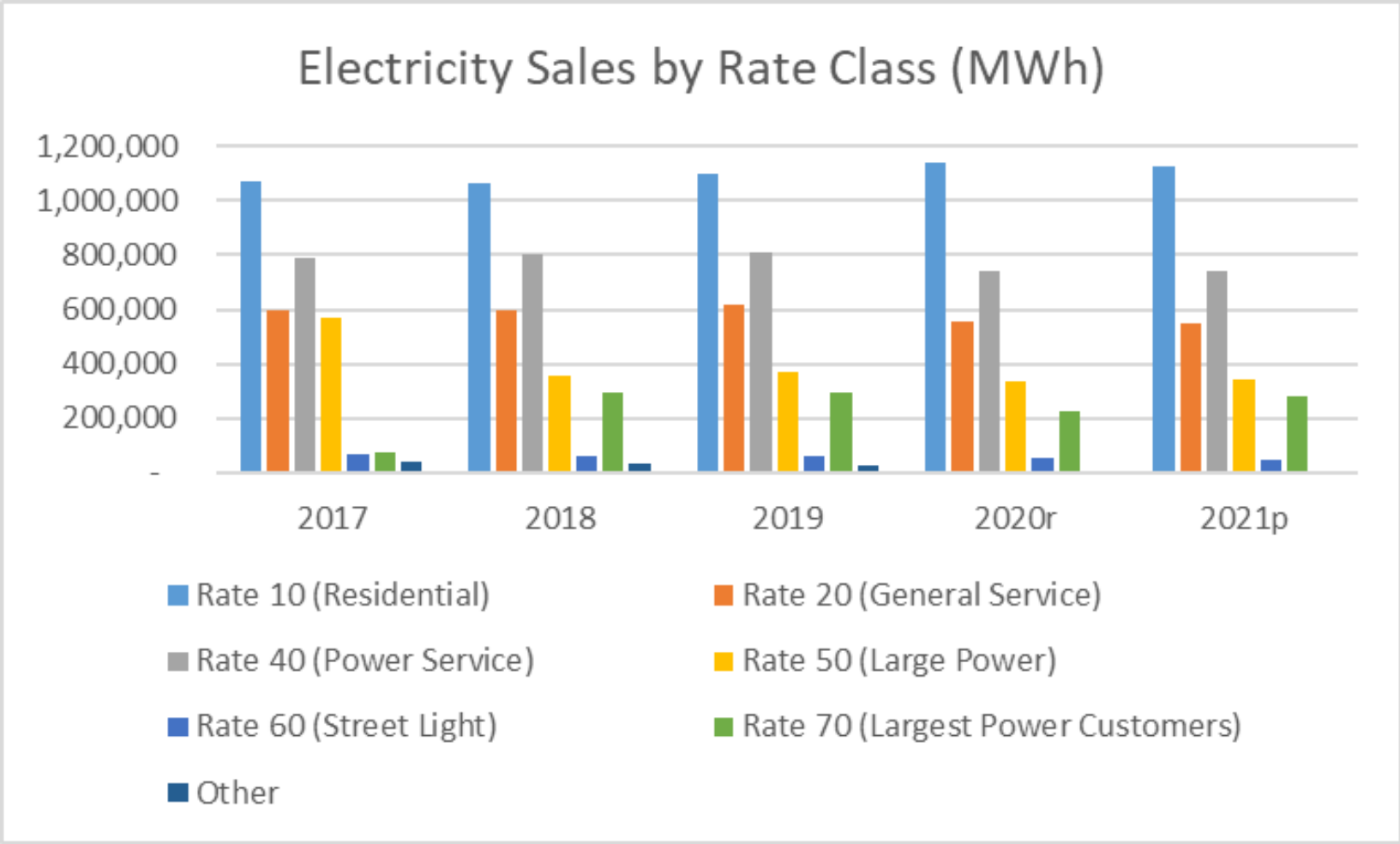
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