

Regional Workshop on the Compilation of the Tourism Satellite Account

Manila 19th to 20th June, 2017

Development Towards Measuring Fiji's Sustainable Tourism

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Presentation Outline

- 1. Introduction
- 2. Fiji's Tourism Satellite Account
- 3. **Environment Accounts**
- 4. Development Towards Fiji's Sustainable Tourism
- 5. Challenges

Fiji's Tourism Industry

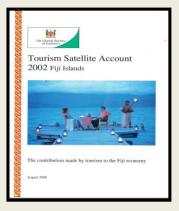
Fiji is a significant tourism destination - single largest foreign exchange earner.

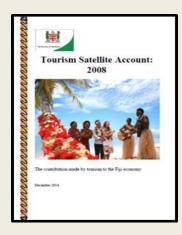
Tourism being the significant contributor to growth, it is critical that the tourism industry be sustainable. On average over the last 5 years tourism earnings and visitor arrivals increased by



Fiji's Tourism Satellite - History









TSA Tables for Fiji

- 1. Tourism Expenditure by type of tourist and product
- 2. Production Account by Industry
- 3. Sales by industry and tourism products
- 4. Tourism Product Ratio
- 5. Tourism Industry Ratio
- 6. Tourism Value Added
- 7. Direct Tourism Employment & Compensation of Employees
- 8. Gross Fixed Capital Formation

TSA Tables

Step 1: Tourism expenditure by type of product and type of tourist is calculated in Table 1 and then carried on to Table 4.

Tourism Expenditure By type of product and type of tourist Year ended December 2011 FJD [000's]

Products	De	omestic Demand		International	Total Demand
	Household Demand	Government Demand	Business Demand	Demand	
Tourism-characteristic products		_ ;,			
Accommodation services	10,710	3,633	8,223	408,576	431,142
Food serving services	3,137	2,683	5,024	131,910	142,754
Beverage serving services	1,031	473	802	74,978	77,284
Land transport services of passengers	37,322	1,104	2,846	14,101	55,373
Water transport services of passengers	14,491	2,293	2,229	7,776	26,789
Air transport services of passengers	47,238	19,268	78,392	490,281	635,179
Travel arrangement, tour operator and related					
services	6,506	445	10,544	111,252	128,747
Leasing or rental services concerning cars and					
light vans without operator	1,976	231	9,710	39,482	51,399
Recreational, cultural and sporting services	5,111	0	1,046	21,358	27,515
Total tourism-characteristics products	127,522	30,130	118,816	1,299,714	1,576,182
Tourism-related products					
Retail sales	113,205	4,171	103,922	192,976	414,274
Food	77,906	653	26,493	18,005	123,058
Beverages and Tobacco	19,471	0	3,888	1,000	24,359
Wearing apparel	8,582	1,227	8,622	3,003	21,434
Fuel	5,998	2,277	62,774	4,770	75,820
Handicraft	0	0	0	161,652	161,652
Others	1,247	14	2,145	4,546	7,952
Financial services	18	1	1	9,797	9,817
Gambling services	5	0	0	0	5
Education services	17,055	0	0	12,800	29,855
Total tourism-related products	130,283	4,172	103,923	215,573	453,951
Total tourism demand by type of tourist	257,805	34,302	222,739	1,515,287	2,030,133

Table 2: Output/VA

Step 2: This table shows the components of GDP of the economy

System of National Accounts Production Accounts

By Industry

Year ended December 2011

FJD [000's]

			Tourism-	Characteris	tics Industri	ies			Touris	n-Related In	dustries		
	Accommodation	Food and beverage service activities	Road passenger transport	Water passenger transport		Rental and leasing activities	Travel agency and tour operator activities	Recreational and cultural activities	Retail trade	Financial activities	Education	All non-tourism related industries	Total
GDP at current basic price													5,738,835
GDP by production	327,428	42,111	67,205	16,322	105,421	15,113	43,717	21,616	467,764	240,662	409,620	3,981,857	5,738,835
Equivalent to: Total Output	715,681	156,893	158,055	63,700	649,346	59,182	143,670	58,224	734,035	340,232	543,205	7,878,950	11,501,172
Less: Intermediate Consumption	388,253	114,782	90,850	47,378	543,926	44,069	99,953	36,607	266,272	99,570	133,585	3,897,094	5,762,337
GDP by income													
Compensation of employees	151,522	20,584	26,817	11,922	65,143	5,705	17,929	15,381	121,643	63,997	324,591	1,255,811	2,081,046
Consumption of fixed capital	55,999	3,322	14,696	4,552	25,463	4,717	1,506	3,522	24,292	15,223	81,157	505,527	739,976
Gross operating surplus	119,907	18,205	25,692	-152	14,815	4,690	24,282	2,714	321,829	161,442	3,872	2,220,518	2,917,814

Table 3: Sales

Step 3: Total output of each tourism-characteristic and tourism-related industry presented in Table 2 is disaggregated into tourism products in Table 3. This gives the total supply of each industry classified by products.

Table 3 Sales

By type of product and industry

Year ended December 2011 FJD [000]

Products		Tourism-Characteristics Industries				Touri	sm-Related Indu	stries	All non-	Imports	Total			
	Accommodation	Food and beverage service activities	Road passenger transport	Water passenger transport	Air passenger transport	Rental and leasing activities	Travel agency and tour operator activities	Recreational and cultural activities	Retail trade	Financial activities	Education	tourism related industries		
Tourism-characteristic products														
Accommodation services	438,601	4,570	0	0	0	0	0	0	0	0	0	0	0	443,170
Food serving services	130,994	84,668	0	0	0	0	0	0	0	0	0	0	0	215,662
Beverage serving services	79,445	66,295	0	0	0	0	0	0	0	0	0	0	0	145,740
Land transport services of passengers	6,528	0	157,686	0	0	0	0	0	0	0	0	0	0	164,215
Water transport services of passengers	7,105	0	0	63,700	0	0	0	0	0	0	0	0	0	70,805
Air transport services of passengers	1,920	0	0	0	646,446	0	0	0	0	0	0	0	0	648,366
Travel arrangement, tour operator and related services	12,451	250	0	0	0	0	143,533	0	0	0	0	0	0	156,235
Leasing or rental services concerning cars and light vans without operator	2,112	0	0	0	0	59,128	0	0	0	0	0	0	0	61,240
Recreational, cultural and sporting services	960	0	0	0	0	0	0	48,495	0	0	0	15,837	0	65,292
Total tourism-characteristics products	680,117	155,782	157,686	63,700	646,446	59,128	143,533	48,495	0	0	0	15,837	0	1,970,726
Tourism-related products														
Retail sales														
Food	0	0	0	0	0	0	0	0	352,272	0	0	92,445	609,463	444,716
Beverages & Tobacco	10,636	102	0	0	0	0	0	0	6,169	0	0	4,364	46,944	21,271
Clothing	0	0	0	0	0	0	0	0	65,381	0	0	8,475	25,174	73,856
Fuel	0	0	0	0	0	0	0	0	71,506	0	0	147,705	1,288,076	219,212
Handicrafts	0	0	0	0	0	0	0	0	182,378	0	0	0	0	182,378
Others	0	0	0	0	0	0	0	0	52,966	0	5,106	377,809	87,810	435,881
Financial Services	0	0	0	0	0	0	0	0	0	340,232	0	445,373	0	785,605
Gambling services	0	0	0	0	0	0	0	5,849	0	0	0	0	0	5,849
Education services	0	0	0	0	0	0	0	0	0	0	201,928	341,277	0	543,205
Total tourism-related products	10,636	102	0	0	0	0	0	5,849	730,672	340,232	207,035	1,417,447	2,057,466	2,711,972
Sales of domestically produced non-tourism related products	24,928	1,008	369	0	2,900	54	137	3,879	3,363	0	336,170	6,445,666	0	6,818,474
Total Sales	715,681	156,893	158,055	63,700	649,346	59,182	143,670	58,224	734,035	340,232	543,205	7,878,950	2,057,466	11,501,172
Less imports of tourism-related products	0	0	0	0	0	0	0	0	0	0	0	0	2,057,466	
Total Output	715,681	156,893	158,055	63,700	649,346	59,182	143,670	58,224	734,035	340,232	543,205	7,878,950	0	11,501,172

Table 4: Tourism Product Ratio

Step 4: The tourism product ratio for each product is summarized in Table 4. The ratios are obtained by dividing the value of total tourism expenditure (demand) from Table 1 by total supply from Table 3.

Derivation of Tourism Product Ratios Year ended December 2011

Products	Total Demand	Total Supply	Tourism
		(from Appendix	Product Ratio
	A Table 1)	A Table 3)	
	FJD[000's]	FJD [000's]	
Tourism-characteristic products			
Accommodation services	431,141	443,170	0.97
Food serving services	142,754	215,662	0.66
Beverage serving services	77,284	145,740	0.53
Land transport services of passengers	55,373	164,215	0.34
Water transport services of passengers	26,789	70,805	0.38
Air transport services of passengers	635,179	648,366	0.98
Travel arrangement, tour operator and related services	128,746	156,235	0.82
Leasing or rental services concerning cars and light			
vans without operator	51,400	61,240	0.84
Recreational, cultural and sporting services	27,514	65,292	0.42
Total tourism-characteristics products	1,576,179	1,970,726	0.80
Tourism-related products			
Retail sales	414,273	3,434,780	0.12
Food	123,058	1,054,179	0.12
Beverages & Tobacco	24,359	68,215	0.36
Clothing	21,434	99,030	0.22
Fuel	75,820	1,507,287	0.05
Handicrafts	161,651	182,378	0.89
Others	7,951	523,691	0.02
Financial Services	9,817	785,605	0.01
Gambling services	5	5,849	0.00
Education services	29,855	543,205	0.05
Total tourism-related products	453,949	4,769,439	0.10

Table 5: Tourism Industry Ratio

Step 5: Each industry's supply by product given in Table 3 was multiplied by the tourism product ratio to calculate the tourism supply by industry. Tourism supply in Table 5 was then divided by total output in Table 3 to give tourism industry ratios – the proportion of each industry's total output that is purchased by tourists

Derivation of Tourism Industry Ratios Year ended December 2011 FJD [000's]

Products			Touris	m- Characte	ristics Industr	ries			Tourisn	n-Related Inc	lustries	All non-	Imports	Total
	Accommodation	Food and beverage service activities	Road passenger transport	Water passenger transport	Air passenger transport	Rental and leasing activities	Travel agency and tour operator	Recreational and cultural activities	Retail trade	Financial activities	Education	tourism related industries	•	
							activities							
Tourism-characteristic products														
Accommodation services	426,696	4,446	0	0	0	0	0	0	0	0	0	0	0	431,141
Food serving services	86,710	56,045	0	0	0	0	0	0	0	0	0	0	0	142,754
Beverage serving services	42,129	35,155	0	0	0	0	0	0	0	0	0	0	0	77,284
Land transport services of passengers	2,201	0	53,171	0	0	0	0	0	0	0	0	0	0	55,373
Water transport services of passengers	2,688	0	0	24,101	0	0	0	0	0	0	0	0	0	26,789
Air transport services of passengers	1,881	0	0	0	633,297	0	0	0	0	0	0	0	0	635,179
Travel arrangement, tour operator and related services	10,261	206	0	0	0	0	118,279	0	0	0	0	0	0	128,746
Leasing or rental services concerning cars and light vans without operator	1,773	0	0	0	0	49,627	0	0	0	0	0	0	0	51,400
Recreational, cultural ans sporting services	405	0	0	0	0	0	0	20,436	0	0	0	6,674	0	27,514
Total tourism-characteristics products	574,743	95,852	53,171	24,101	633,297	49,627	118,279	20,436	0	0	0	6,674	0	1,576,179
Tourism-related products														
Retail sales														
Food	0	0	0	0	0	0	0	0	41,122	0	0	10,791	71,145	123,058
Beverage & Tobacco	3,798	36	0	0	0	0	0	0	2,203	0	0	1,558	16,763	24,359
Clothing	0	0	0	0	0	0	0	0	14,151	0	0	1,834	5,449	21,434
Fuel	0	0	0	0	0	0	0	0	3,597	0	0	7,430	64,793	75,820
Handicrafts	0	0	0	0	0	0	0	0	161,651	0	0	0	0	161,651
Others	0	0	0	0	0	0	0	0	804	0	78	5,736	1,333	7,951
Financial Services	0	0	0	0	0	0	0	0	0	4,251	0	5,565	0	9,817
Gambling services	0	0	0	0	0	0	0	5	0	0	0	0	0	5
Education services	0	0	0	0	0	0	0	0	0	0	11,098	18,757	0	29,855
Total tourism-related products	3,798	36	0	0	0	0	0	5	223,528	4,251	11,176	51,672	159,483	453,949
Direct tourism sales	578,540	95,888	53,171	24,101	633,297	49,627	118,279	20,441	223,528	4,251	11,176	58,346	159,483	2,030,129
Total industry output	715,681	156,893	158,055	63,700	649,346	59,182	143,670	58,224	734,035	340,232	543,205	7,878,950	0	11,501,172
Tourism industry ratio [TIR]	0.81	0.61	0.34	0.38	0.98	0.84	0.82	0.35	0.30	0.01	0.02	0.01		0.18

Table 6: Tourism Value Added

Step 7: The tourism industry ratios were multiplied through each industry's production account given in Table 2 to obtain total tourism value-added.

Derivation of Direct Tourism Value Added

Year ended December 2011

			Tourism	- Character	istics Indus	tries			Tourism	-Related Ir	dustries	All non-	Total
	Accommodation	Food and beverage service activities	• •	Water passenger transport	l - ~	Rental and leasing activities	Travel agency and tour operator	Recreational and cultural activities	Retail trade	Financial activities	Education	tourism related industries	
		ucuriucs				uctivities	activities						
Tourism industry ratios [TIR]	0.81	0.61	0.34	0.38	0.98	0.84	0.82	0.35	0.30	0.01	0.02	0.01	
Direct tourism value added FJD[000's]	264,686	25,737	22,608	6,175	102,815	12,673	35,991	7,589	142,443	3,007	8,427	29,487	661,639
Equivalent to: Tourism output	578,540	95,888	53,171	24,101	633,297	49,627	118,279	20,441	223,528	4,251	11,176	58,346	1,870,646
Less: Tourism intermediate consumption	313,855	70,151	30,563	17,925	530,482	36,954	82,288	12,852	81,085	1,244	2,748	28,859	1,209,007
GDP at current basic price													5,738,835
Direct tourism value added as a percent of GDP [%]													11.5
Components of direct tourism value added FJD[000's]													
Tourism compensation of employees	122,487	12,581	9,022	4,511	63,533	4,784	14,760	5,400	37,043	800	6,678	9,300	290,897
Tourism consumption of fixed capital	45,268	2,030	4,944	1,722	24,833	3,956	1,240	1,237	7,397	190	1,670	3,744	98,231
Tourism gross operating surplus	96,930	11,126	8,643	-58	14,449	3,933	19,991	953	98,003	2,017	80	16,444	272,511

Table 7: Tourism Employment

Direct Tourism Employment and Compensation of Employees

By Industry
Year ended December 2011

			Touris	m- Characteri	stics Industri	es			Touris	m Related Ind	ustries	All non-tourism	Total
	Accommodation	Food and	Road	Water	Air	Rental and	Travel	Recreational	Retail trade	Financial	Education	related	
		beverage	passenger	passenger	passenger	leasing	agency and	and cultural		activities		industries	
		service	transport	transport	transport	activities	tour	activities					
		activities					operator						
							activities						
Total employment in Fiji													
Male	4,143	1,031	3,688	537	551	453	534	677	7,299	933	7,604	63,108	85,136
Female	4,488	1,485	165	146	361	258	332	252	4,955	948	7,804	31,527	46,447
Total	8,631	2,516	3,853	682	912	711	866	929	12,254	1,881	15,408	94,635	131,583
Tourism Industry Ratio	0.81	0.61	0.34	0.38	0.98	0.84	0.82	0.35	0.30	0.01	0.02	0.01	
Total tourism employment in Fiji													
Male	3,349	630	1,241	203	537	380	440	238	2,223	12	156	467	9,764
Female	3,628	908	56	55	352	216	273	88	1,509	12	161	233	7,362
Total	6,977	1,538	1,296	258	889	596	713	326	3,732	24	317	701	17,126
Tourism employment as a percentage of total													
employment (%)													13.0
Tourism compensation of employees FJD[000's]	122,487	12,581	9,022	4,511	63,533	4,784	14,760	5,400	37,043	800	6,678	9,300	290,897
Average compensation per tourism employee FJD	17,556	8,181	6,960	17,470	71,445	8,024	20,703	16,556	9,927	34,023	21,066	13,270	16,986

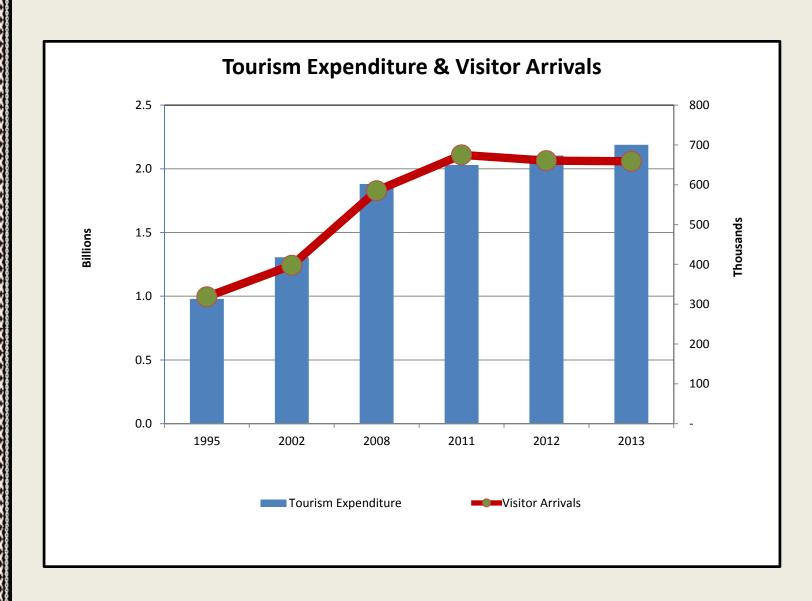
Table 8: Tourism Gross Fixed Capital Formation

Gross Fixed Capital Formation

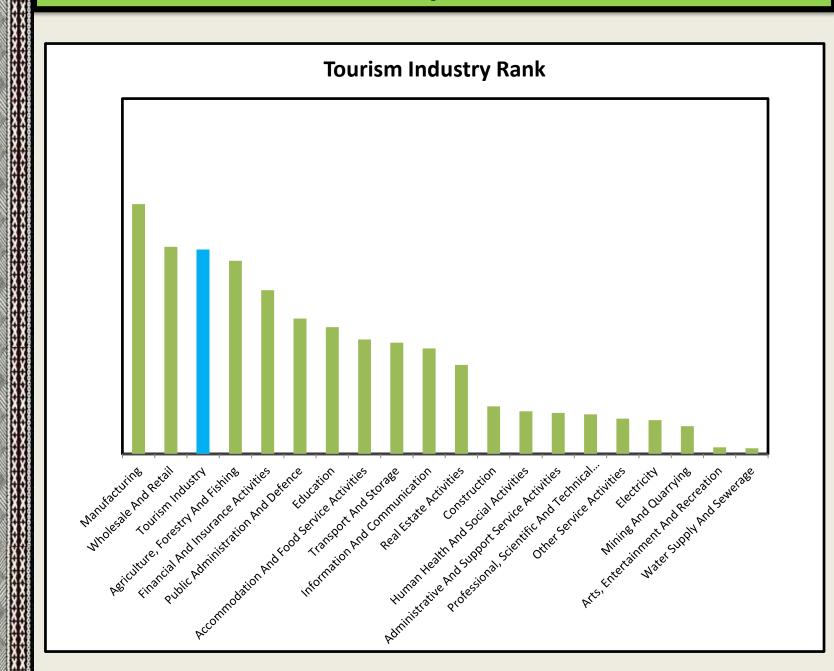
By Industry
Year ended December 2011

			Tourism	- Characteri	stics Industr	ies			Tourisn	n Related In	dustries	All non-	Total
	Accommodation	Food and beverage service	Road passenger transport	Water passenger transport	Air passenger transport	Rental and leasing activities	Travel agency and tour	Recreation al and cultural	Retail trade	Financial activities	Education	tourism related industries	
		activities	1	1	1		operator activities	activities					
Capital Formation FJD[000's]													
Land Development and Improvement	0	0	36	288	483	17	2	123	7	2,178	0	25,197	28,331
Buildings	15,887	1,201	1,441	1,284	0	0	1,101	135	12,341	26	4,514	85,408	123,339
Plant & Machinery	7,680	669	134	709	2,078	182	133	517	2,643	3	120	176,104	190,972
Furniture, Fixtures and Office Equipment	18,774	978	197	710	3,436	130	329	544	6,522	4,484	452	41,427	77,984
Transport Vehicles and Related Equipment	5,047	788	24,574	3,549	427	4,853	323	541	1,563	1,919	821	94,233	138,639
Other Capital Formation	424	70	568	613	1,172	99	0	223	7	12,945	5,633	439,183	460,935
Total Capital Formation	47,811	3,705	26,950	7,153	7,596	5,281	1,889	2,083	23,084	21,555	11,541	861,552	1,020,200
Tourism Industry Ratio	0.81	0.61	0.34	0.38	0.98	0.84	0.82	0.35	0.30	0.01	0.02	0.01	
Tourism Capital Formation FJD[000's]													
Tourism Land Development and Improvement	0	0	12	109	471	14	2	43	2	27	0	187	867
Tourism Buildings	12,843	734	485	486	0	0	907	47	3,758	0	93	632	19,985
Tourism Plant & Machinery	6,208	409	45	268	2,027	153	110	182	805	0	2	1,304	11,512
Tourism Furniture, Fixtures and Office Equipment	15,176	598	66	269	3,351	109	271	191	1,986	56	9	307	22,390
Tourism Transport Vehicles and Related Equipment	4,080	482	8,267	1,343	416	4,069	266	190	476	24	17	698	20,328
Tourism Other Capital Formation	343	43	191	232	1,143	83	0	78	2	162	116	3,252	5,644
Tourism Total Capital Formation	38,650	2,265	9,066	2,706	7,408	4,428	1,555	731	7,030	269	237	6,380	80,726

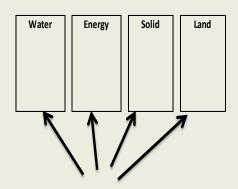
Comparisons



2011 Value Added Comparison



SEEA Journey



Create Awareness

ntation Activities Compilatio n Thought

Identified readily accessible

Data Assessment Workshop 30-31 August 2016

Mission

Request

Technical Working group formed August 2016

SEEA Mission 8 12 September 2016

Priorities Accounts Identified September 2016

Identify Collection data gaps & Account and discuss Preparatio with partners

Data

Work remotely with consultant

SEEA Environme Mission December **Statistics** 2016 December

Experimen Workshop Accounts 2016/2017 2016

Publish

Trainings attended relating to SEEA

SEEA workshop Samoa 20-23 August 2013

SEEA workshop Indonesia 14th- 17th April 2015 Environme SEEA nt Training workshop Course Japan 23-26 February Australia 30-9 2016 December 2015

SEEA workshop Nadi 16 Sept 2016



Fiji's Experimental Waste Account

Quarter 2 2010

		S	UPPLY OF WAS	TE (Who Gen	erates the Waste			Who Collects	the Waste			USE OF W	VASTE (What ha	ppens to the wa	aste)	
		Industries	Household	Imports	Environment	Total waste	Town/City	Recycling	Other	Total	Land Fill	Incineration	Reclycling/	Other	Export	TOTAL
			S			generated	Councils	Companies	Industries	Collection			Reuse	Treatment		DISPOSAL
1	Waste Residuals															0
	General Waste	16,84	16	(0	16,846	9,434		7,412	16,846	16,846					16,846
	Green waste	1,83	3	(0	1,833	1,816		17	1,833	1,833					1,833
	Special waste	3,29	2	(0	3,292	63		3,229	3,292	3,292					3,292
	TOTALS	21,97	70	(0	21,970	11,313		10,658	21,970	21,970		(21,970



Year		Town/City	Councils			Other In	dustries		Total Collection					Lan	dfill		Recycle
	General	Green	Special	Total	General	Green	Special	Total	General	Green	Special	Total	General	Green	Special	Total	General
	Waste	waste	waste		Waste	waste	waste		Waste	waste	waste		Waste	waste	waste		Waste
2006	27,127	7,758	75	34,960	21,313	72	3,854	25,238	48,440	7,829	3,928	60,198	48,440	7,829	3,928	60,198	0
2007	27,293	7,431	56	34,780	21,443	69	2,901	24,412	48,735	7,500	2,957	59,192	48,735	7,500	2,957	59,192	0
2008	24,716	3,659	63	28,438	19,418	34	3,247	22,699	44,134	3,693	3,310	51,137	44,134	3,693	3,310	51,137	0
2009	25,377	5,493	70	30,940	19,937	51	3,612	23,600	45,314	5,544	3,682	54,540	45,314	5,544	3,682	54,540	0
2010	26,972	6,830	67	33,868	21,191	63	3,443	24,697	48,163	6,893	3,510	58,566	48,163	6,893	3,510	58,566	0
2011	28,319	7,100	75	35,494	22,249	66	3,872	26,186	50,568	7,165	3,947	61,680	50,568	7,165	3,947	61,680	0
2012	29,013	6,298	55	35,366	22,794	58	2,829	25,681	51,807	6,357	2,883	61,047	51,807	6,357	2,883	61,047	0
2013	41,695	8,948	126	50,769	32,758	83	6,500	39,340	74,453	9,030	6,626	90,109	74,202	9,030	6,626	89,858	251
2014	45,590	10,094	205	55,889	35,818	93	10,557	46,468	81,408	10,188	10,761	102,357	81,087	10,188	10,761	102,036	321
2015	50,129	10,755	225	61,109	39,384	99	11,617	51,101	89,513	10,854	11,843	112,210	89,117	10,854	11,843	111,814	396
2016 [p]	50,532	11,029	222	61,783	39,701	102	11,445	51,247	90,233	11,131	11,666	113,030	89,850	11,131	11,666	112,647	383

Fiji's Experimental Water Account

	2013 (Megalitres)	2014 (Megalitres)	2015 (Megalitres)	2016 (Megalitres)
Sources of Water				
Surface water extracted	118,390	116,536	123,496	125,726
Ground water extracted	-	-	-	-
Soil water extracted	1	1	-	1
Total water extracted	118,390	116,536	123,496	125,726
<u>less</u> loss during purification	4,631	4,558	4,831	3,036
Water available for distribution	113,759	111,978	118,666	122,690
Billed:				
Household	44,800	40,442	46,733	46,152
Government	2,892	2,611	3,017	2,980
Commercial	17,433	15,738	18,185	17,960
Non-billed water distribution	42	42	44	164
Loss during distribution	48,590	53,145	50,686	55,434
Returns to the environment	118,390	116,536	123,496	125,726
% of water loss during purification	3.9%	3.9%	3.9%	2.4%
% of water loss during distribution	41.0%	45.6%	41.0%	44.1%

Fiji's Experimental Energy Account

	2013	2014
	(Petajoules)	(Petajoules)
Sources of Energy		
Hydro	1.9	1.4
Solar and Wind	0.019	0.015
Fuel oil	3.0	4.1
Total	4.9	5.6
Less loss during Transformation	1.9	2.5
Energy Available for distribution	3.1	3.1
Users of Energy:		
Commercial	1.3	1.3
Industrial	0.8	0.8
Domestic	0.8	0.8
Loss during distribution	0.3	0.2
Returns to the environment	4.9	5.6
% of energy loss during transformation	37.6	44.8
% of energy loss during distribution	5.6	4.2



Development Towards Fiji's Sustainable Tourism

Annualized compilation of TSA and availability of relevant hotel related indicators would help measure sustainable tourism.

TSA is the principle tool to determine the impact of Tourism in terms of its contribution to GDP and employment.

A feasibility report on Measuring Sustainable Tourism was conducted in December 2016 showed to be highly relevant and feasible for Fiji.

This exercise was jointly undertaken by Fiji Bureau of Statistics, UNWTO and UNESCAP.

MST data tables with relevant indicators were designed which is basically an extension of TSA framework to capture environmental flows.



Development Towards Fiji's Sustainable Tourism

Key characteristics for tourism businesses

- Output by tourism characteristics and related industries
- Value Addition of the units
- Tourism Industry ratios
- Employment by Gender & type of employment
- Size of Businesses
- Ownership
- Environmental Flows used

Key Characteristics for Tourism Businesses

2013											
	Output (\$)	Value Added (\$)		Employment (# of people)			Business Size (# of businesses)				
Tourism Industries			Tourism Industry Ratio	Male	Female	Total	Small (<20 emplyed)	1/20-100	Large (>100 employed)		
Accomodation	644,113	306,098	0.79	6,658	5,762	12,420	235	67	25		
Food and restaurants	102,524	29,058	0.62	1,238	1,052	2,290	474	34	-		
Transport:											
Road	57,952	25,204	0.34	1,253	56	1,309	1,022	41	2		
Water	28,691	7,194	0.37	318	93	411	38	22	1		
Air	653,267	160,652	0.99	619	296	916	10	6	2		
Rental Cars	54,199	12,677	0.86	368	3	371	138	-	-		
Travel Agents and Tour operators	130,001	39,449	0.83	435	277	711	82	6	2		
Recreation	28,640	11,100	0.30	215	78	294	40	2	-		
Other Industries	322,069	185,573	0.03	4,068	2,333	6,401					

Visitor and Accommodation Data by Tourism Area

2013											
			Accomodation								
Tourism Areas	Visitor Arrivals	Visitor Expenditure	No. of			Room Occupancy	Bed Occupancy				
			businesses	No. of beds	No. of rooms	Rates	Rates	Water Use	Electricity Use		
Suva	256,046	113,369,608	47	11,474	5,830	51.0	45.4				
Nadi	1,159,873	660,261,368	60	30,968	13,996	54.3	51.1				
Lautoka	106,665	64,883,318	40	7,812	3,186	35.9	25.6				
Coral Coast	897,450	336,421,044	37	19,471	7,721	56.5	53.3				
Mamanuca	612,239	359,987,234	47	14,831	5,615	47.8	45.8				
Northern Division	98,334	48,763,140	71	6,005	2,779	29.6	26.4				
Others	41,899	4,021,499	37	3,877	1,501	18.4	13.3				
Total	3,172,506	1,587,707,211	339	94,438	40,628	48.9	44.8	6,193,385	66,231,075		

Challenges

- 1. International Visitor Survey
- 2. Further investigations to disseminate tourism related statistics at disaggregated level.
- 3. Lack of Resources
- 4. Lack of Expertise



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