

# GUAM VISITORS BUREAU Taiwan Visitor Tracker Exit Profile FY2014 Market Segmentation 4th Qtr. (JUL~SEPT 2014)



Prepared by: QMark Research

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#### Background & Methodology

- All surveys were partially interviewer administered, as well as self-administered. Upon completion of the surveys, QMark's professional Chinese speaking interviewers double-checked each questionnaire for consistency and completeness, while the respondent is present.
- A total of **150** departing Taiwanese visitors were randomly interviewed at the Guam A.B. Wonpat International Airport's departure and waiting areas.
- The margin of error for a sample of **150** is +/- 8.0 percentage points with a 95% confidence level. That is, if all Taiwanese visitors who traveled to Guam in the same time period were asked these questions, we can be 95% certain that their responses would not differ by +/- 8.0 percentage points.



#### **OBJECTIVES**

- The specific objectives of the analysis were:
  - To determine the relative size and expenditure behavior of the following market segments:
    - General leisure group
    - Family and/or Child
    - Special interest group
    - Incentive market
    - 20-40 year old
    - Mid-high level income
    - White-collar
    - w/ child
    - Wedding/ Honeymoon
    - Student
  - To identify (for all Taiwanese visitors) the most important determinants of on-island spending; and
  - To identify the most significant factors affecting overall visitor satisfaction.



### Highlighted Segments Parameters

- General leisure group Q.5A
- Family and/or Child Q.6
- Special interest group Q.18/Q7
- Incentive market Q.5A/Q.7
- 20-40 year old Q.F
- Mid-high level income Q.26
- White-collar Q.25
- W/child Q.6
- Wedding/ Honeymoon Q.5A/ Q.13
- Student –Q.25



#### **Highlighted Segments**

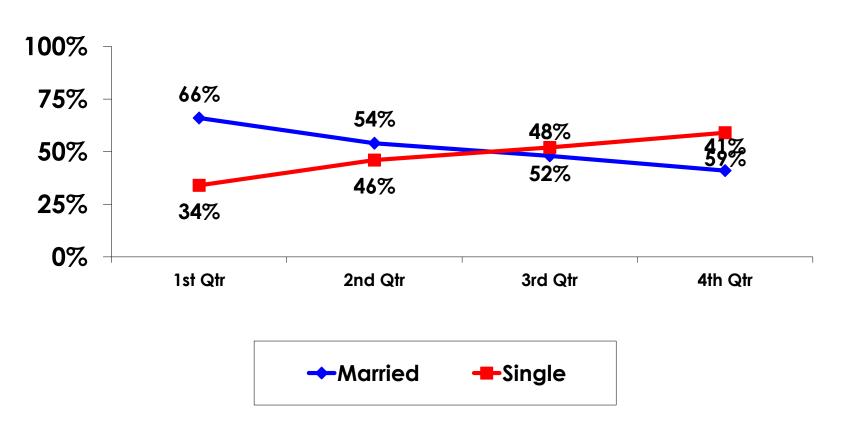
	1st QTR	2 <sup>nd</sup> QTR	3rd QTR	4th QTR
General leisure group	27%	37%	41%	53%
Child	17%	9%	14%	21%
Incentive market	3%	6%	2%	2%
Male 20-40	43%	44%	35%	39%
Female 20-40	33%	41%	39%	39%
White collar	46%	51%	54%	48%
Wedding/ Honeymooner	5%	8%	8%	12%
Student	6%	4%	9%	17%
Mid-High income	45%	42%	39%	29%
TOTAL	150	150	150	150



### SECTION 1 PROFILE OF RESPONDENTS



#### MARITAL STATUS -TRACKING



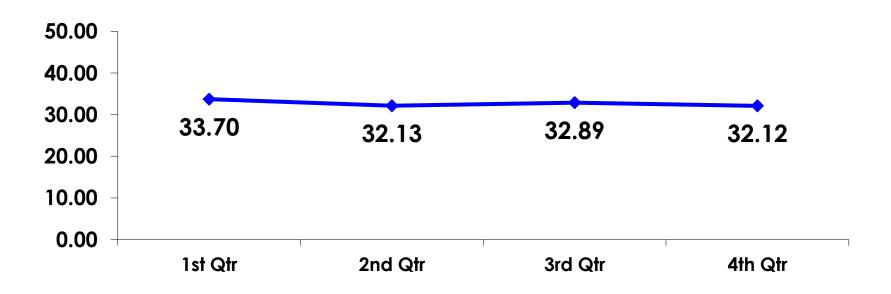


#### MARITAL STATUS-SEGMENTATION

			TOTAL	GEN LEISURE GRP	CHILD	INCENTIVE MKT	MALE 20-40	FEMALE 20- 40	WHITE COLLAR	WEDDING/ HNYMOON	STUDENT	MID INCOME
			1	-	•	-	-	•	-	•	-	-
QE	Married	Count	61	29	25	1	22	17	32	14	0	12
		Column N %	41%	37%	81%	33%	37%	29%	44%	78%	0%	27%
	Single	Count	89	50	6	2	37	42	40	4	26	32
		Column N %	59%	63%	19%	67%	63%	71%	56%	22%	100%	73%
	Total	Count	150	79	31	3	59	59	72	18	26	44



#### **AVERAGE AGE - TRACKING**





#### **AGE-SEGMENTATION**

			TOTAL	GEN LEISURE GRP	CHILD	INCENTIVE MKT	MALE 20-40	FEMALE 20- 40	WHITE COLLAR	WEDDING/ HNYMOON	STUDENT	MID INCOME
			-	-	-	-	-	-	-	-	-	-
QF	18-24	Count	37	23	2	0	11	21	12	3	20	11
		Column N %	25%	29%	6%	0%	19%	36%	17%	17%	77%	25%
	25-34	Count	65	35	4	2	37	28	39	14	6	17
		Column N %	43%	44%	13%	67%	63%	47%	54%	78%	23%	39%
	35-49	Count	36	17	21	1	11	10	16	1	0	12
		Column N %	24%	22%	68%	33%	19%	17%	22%	6%	0%	27%
	50+	Count	12	4	4	0	0	0	5	0	0	4
		Column N %	8%	5%	13%	0%	0%	0%	7%	0%	0%	9%
	Total	Count	150	79	31	3	59	59	72	18	26	44
QF	Mean		32.12	30.47	40.06	34.67	29.46	28.22	32.57	28.50	22.46	32.25
	Median		30	29	40	31	29	27	31	28	23	31

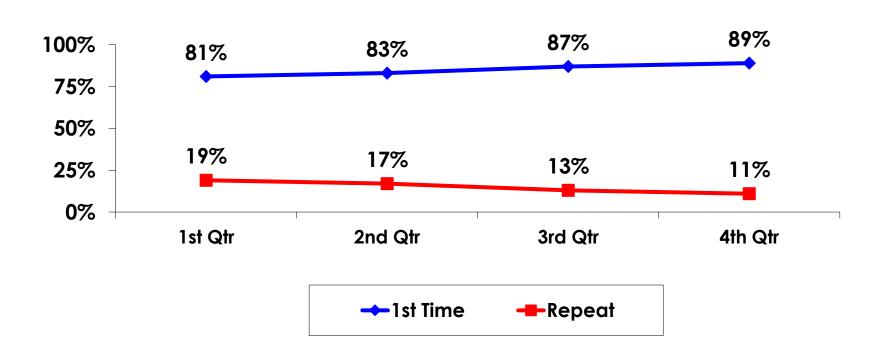


#### **INCOME - SEGMENTATION**

			TOTAL	GEN LEISURE GRP	CHILD	INCENTIVE MKT	MALE 20-40	FEMALE 20- 40	WHITE COLLAR	WEDDING/ HNYMOON	STUDENT	MID INCOME
			-	-	-	-	-	-		-	-	-
Q26	<=NT160K	Count	14	9	1	1	5	7	5	1	6	0
		Column N %	10%	13%	3%	33%	9%	13%	7%	6%	23%	0%
	NT160K-NT200K	Count	8	4	1	0	2	2	3	1	3	0
		Column N %	6%	6%	3%	0%	4%	4%	4%	6%	12%	0%
	NT200K-NT400K	Count	13	8	3	0	2	9	6	1	1	0
		Column N %	9%	11%	10%	0%	4%	17%	9%	6%	4%	0%
	NT400K-NT600K	Count	25	13	4	0	13	8	14	1	4	25
		Column N %	18%	18%	14%	0%	24%	15%	20%	6%	15%	57%
	NT600K-NT800K	Count	19	7	5	0	8	8	11	0	2	19
		Column N %	14%	10%	17%	0%	15%	15%	16%	0%	8%	43%
	NT800K-NT1.0M	Count	17	6	5	0	9	6	12	5	0	0
		Column N %	12%	8%	17%	0%	17%	11%	17%	31%	0%	0%
	NT1.0M+	Count	36	22	9	1	11	12	18	7	4	0
		Column N %	26%	31%	31%	33%	20%	22%	26%	44%	15%	0%
	No Income	Count	6	3	1	1	4	2	0	0	6	0
		Column N %	4%	4%	3%	33%	7%	4%	0%	0%	23%	0%
	Total	Count	138	72	29	3	54	54	69	16	26	44



### PRIOR TRIPS TO GUAM - TRACKING



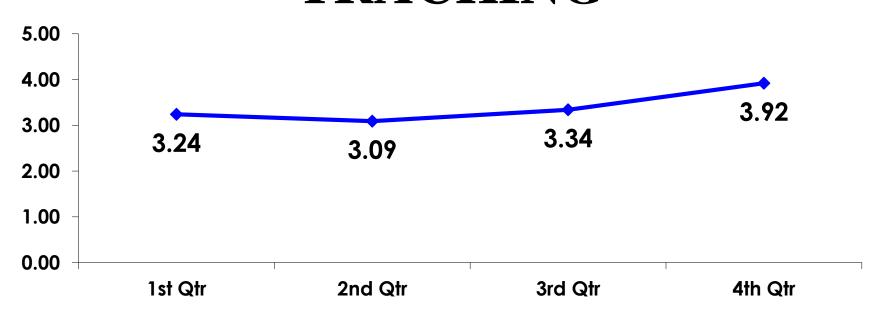


### PRIOR TRIPS TO GUAM - SEGMENTATION

			TOTAL	GEN LEISURE GRP	CHILD	INCENTIVE MKT	MALE 20-40	FEMALE 20- 40	WHITE COLLAR	WEDDING/ HNYMOON	STUDENT	MID INCOME
			1	-	-	-	-	ı	-	•	-	-
Q3A	Yes	Count	133	73	28	3	51	52	63	17	23	38
		Column N %	89%	92%	90%	100%	86%	88%	88%	94%	88%	86%
	No	Count	17	6	3	0	8	7	9	1	3	6
		Column N %	11%	8%	10%	0%	14%	12%	13%	6%	12%	14%
	Total	Count	150	79	31	3	59	59	72	18	26	44



### AVG LENGTH OF STAY - TRACKING





### AVG LENGTH OF STAY - SEGMENTATION

		TOTAL	GEN LEISURE GRP	CHILD	INCENTIVE MKT	MALE 20-40	FEMALE 20- 40	WHITE COLLAR	WEDDING/ HNYMOON	STUDENT	MID INCOME
		-	-	-	-	-	-	-	-	-	-
Q8	Mean	3.92	4.19	3.53	3.33	3.59	4.55	3.73	6.22	3.42	3.67
	Median	4	4	4	3	3	4	4	4	3	4



### SECTION 2 TRAVEL PLANNING



### TRAVEL PLANNING - SEGMENTATION

			TOTAL	GEN LEISURE GRP	CHILD	INCENTIVE MKT	MALE 20-40	FEMALE 20- 40	WHITE COLLAR	WEDDING/ HNYMOON	STUDENT	MID INCOME
			-	-	-	-	-	-	-	-	-	-
Q7	Full package tour	Count	50	28	14	1	19	16	20	5	14	13
		Column N %	34%	35%	47%	33%	33%	28%	28%	28%	56%	30%
	Free-time package tour	Count	69	37	12	0	25	30	38	11	8	20
		Column N %	47%	47%	40%	0%	43%	52%	54%	61%	32%	47%
	Individually arranged	Count	21	11	3	0	11	9	10	2	1	9
	travel (FIT)	Column N %	14%	14%	10%	0%	19%	16%	14%	11%	4%	21%
	Group tour	Count	6	3	0	0	2	3	1	0	2	1
		Column N %	4%	4%	0%	0%	3%	5%	1%	0%	8%	2%
	Company paid travel	Count	2	0	1	2	1	0	2	0	0	0
		Column N %	1%	0%	3%	67%	2%	0%	3%	0%	0%	0%
	Total	Count	148	79	30	3	58	58	71	18	25	43



#### TRAVEL MOTIVATION - SEGMENTATION

				GEN		INCENTIVE		FEMALE 20	MAIL HITTE	WEDDING		
			TOTAL	LEISURE GRP	CHILD	INCENTIVE MKT	MALE 20-40	FEMALE 20- 40	WHITE COLLAR	WEDDING/ HNYMOON	STUDENT	MID INCOME
			-	-	-	-	-	-	-	-	-	-
Q5A	Previous trip		7%	6%	10%	0%	8%	5%	6%	6%	8%	5%
	Price		17%	25%	13%	0%	19%	17%	17%	28%	23%	16%
	Visit friends/ Relatives		2%	3%	0%	0%	2%	2%	1%	6%	0%	2%
	Recomm- friend/family/trvl agnt		36%	39%	45%	67%	36%	36%	33%	39%	54%	30%
	Scuba		21%	23%	23%	0%	20%	20%	22%	28%	23%	23%
	Water sports		30%	35%	39%	33%	32%	25%	25%	28%	38%	27%
	Short travel time		12%	19%	13%	0%	5%	20%	13%	11%	12%	9%
	Relax		51%	96%	42%	0%	46%	63%	46%	72%	65%	43%
	Company/ Business Trip		2%	1%	0%	0%	3%	0%	3%	0%	0%	5%
	Company Sponsored		1%	0%	0%	33%	0%	2%	0%	0%	4%	0%
	Safe		32%	46%	32%	0%	29%	36%	31%	56%	42%	25%
	Natural beauty		69%	81%	58%	67%	71%	76%	65%	89%	85%	73%
	Shopping		36%	49%	32%	67%	32%	39%	35%	39%	54%	36%
	Career Cert/ Testing		3%	0%	0%	0%	3%	3%	4%	0%	4%	5%
	Married/ Attn wedding		4%	5%	0%	0%	7%	3%	6%	33%	0%	0%
	Honeymoon		8%	11%	0%	0%	12%	7%	10%	67%	4%	2%
	Pleasure		13%	24%	6%	0%	14%	12%	14%	22%	27%	11%
	Organized sports		1%	0%	0%	0%	0%	2%	1%	0%	0%	2%
	No Visa requirement		27%	29%	16%	0%	22%	34%	29%	33%	12%	30%
	Other		7%	1%	6%	0%	5%	8%	10%	0%	4%	7%
	Total	Count	149	79	31	3	59	59	72	18	26	44



### INFORMATION SOURCES - SEGMENTATION

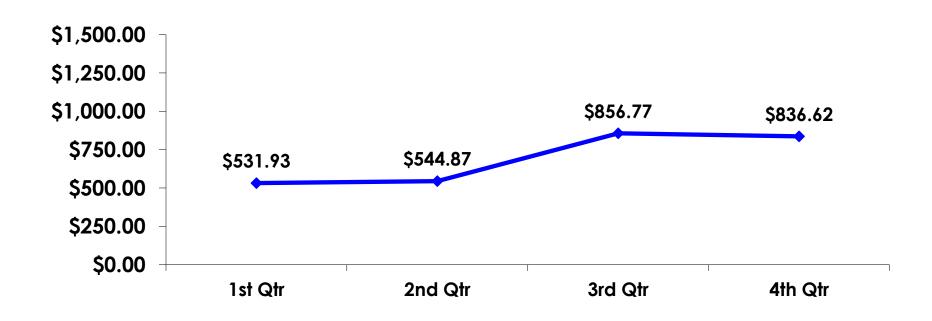
			TOTAL	GEN LEISURE GRP	CHILD	INCENTIVE MKT	MALE 20-40	FEMALE 20- 40	WHITE COLLAR	WEDDING/ HNYMOON	STUDENT	MID INCOME
			-	-	-	-	-		-	-	-	-
Q1	Internet		57%	61%	42%	67%	59%	63%	60%	78%	65%	57%
	Friend/ Relative		51%	59%	48%	0%	57%	53%	56%	56%	46%	52%
	TV		36%	41%	42%	67%	41%	32%	31%	33%	46%	43%
	Travel Agent Brochure		36%	41%	42%	0%	27%	34%	29%	33%	46%	41%
	Travel Guidebook- Bookstore		22%	32%	16%	0%	16%	32%	17%	28%	23%	20%
	Magazine (Consumer)		16%	22%	16%	33%	18%	15%	16%	17%	15%	16%
	Prior Trip		12%	8%	10%	0%	14%	12%	13%	6%	12%	14%
	Consumer Trvl Show		9%	8%	3%	33%	5%	12%	11%	6%	12%	14%
	Co-Worker/ Company Trvl Dept		8%	9%	10%	0%	9%	8%	11%	6%	0%	9%
	Travel Trade Show		8%	5%	6%	0%	13%	2%	6%	6%	15%	9%
	GVB Promo		7%	8%	0%	0%	9%	7%	6%	11%	12%	5%
	Newspaper		6%	7%	10%	33%	7%	5%	7%	11%	4%	2%
	Other		1%	1%	0%	0%	2%	2%	1%	6%	0%	2%
	GVB Office		1%	1%	3%	0%	2%	2%	1%	0%	0%	2%
	Total	Count	146	76	31	3	56	59	70	18	26	44



### SECTION 3 EXPENDITURES



### PREPAID EXPENDITURES TRACKING



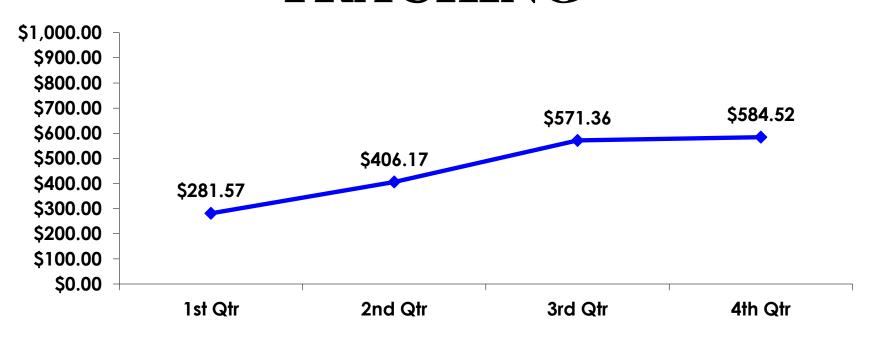


## PREPAID EXPENDITURES PER PERSON SEGMENTATION

		TOTAL	GEN LEISURE GRP	CHILD	INCENTIVE MKT	MALE 20-40	FEMALE 20- 40	WHITE COLLAR	WEDDING/ HNYMOON	STUDENT	MID INCOME
		•	•	-	-	-	-	-	•	-	-
PER PERSON	Mean	\$836.62	\$891.51	\$932.89	\$752.87	\$700.22	\$1,011.99	\$843.29	\$1,008.84	\$802.42	\$912.37
	Median	\$850	\$936	\$1,002	\$922	\$835	\$922	\$835	\$1,047	\$912	\$1,002
	Minimum	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Maximum	\$3,341	\$2,005	\$3,341	\$1,336	\$1,370	\$3,341	\$2,005	\$1,671	\$1,504	\$3,341



### ON-ISLAND EXPENDITURES TRACKING



$$YTD = $460.91$$



# ON-ISLAND EXPENDITURES PER PERSON SEGMENTATION

		TOTAL	GEN LEISURE GRP	CHILD	INCENTIVE MKT	MALE 20-40	FEMALE 20- 40	WHITE COLLAR	WEDDING/ HNYMOON	STUDENT	MID INCOME
		-	-	-	-	-	-	-	-	-	-
PER PERSON	Mean	\$584.52	\$605.56	\$398.41	\$472.00	\$508.94	\$768.03	\$716.96	\$427.14	\$490.42	\$777.72
	Median	\$342	\$367	\$250	\$400	\$330	\$350	\$375	\$363	\$330	\$400
	Minimum	\$0	\$0	\$0	\$330	\$0	\$0	\$0	\$105	\$0	\$0
	Maximum	\$9,100	\$2,500	\$1,705	\$686	\$2,500	\$9,100	\$9,100	\$1,000	\$1,705	\$9,100

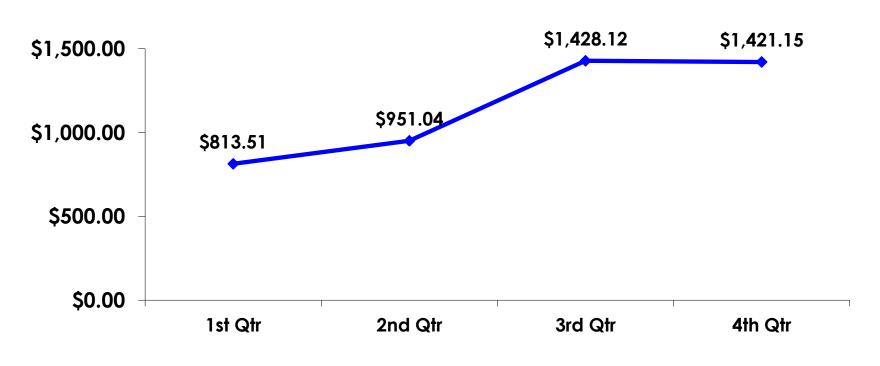


#### **ON-ISLAND EXPENSE- BREAKDOWN**

			GEN								
			LEISURE		INCENTIVE		FEMALE 20-	WHITE	WEDDING/		
		TOTAL	GRP	CHILD	MKT	MALE 20-40	40	COLLAR	НИУМООИ	STUDENT	MID INCOME
ND ALIOTEI		-		-	-	-		-	-	-	
AIR & HOTEL	Mean	\$1,018.02	\$1,057.47	\$1,107.03		\$1,119.28	\$911.17	\$872.99	\$1,202.81	\$1,031.30	\$971.31
	Median	\$870	\$969	\$819		\$1,002	\$802	\$802	\$1,103	\$936	\$819
	Minimum	\$668	\$668	\$799		\$802	\$668	\$668	\$802	\$922	\$795
	Maximum	\$2,138	\$2,138	\$1,704		\$2,138	\$1,704	\$1,704	\$2,138	\$1,236	\$1,303
AIR/ HOTEL/ MEAL	Mean	\$1,845.32	\$1,731.28	\$3,535.52	\$2,632.81	\$1,473.63	\$1,600.31	\$1,858.67	\$1,476.22	\$1,067.58	\$1,750.49
	Median	\$1,203	\$1,203	\$3,174	\$2,633	\$1,036	\$1,119	\$1,186	\$1,203	\$936	\$1,203
	Minimum	\$334	\$334	\$702	\$922	\$334	\$685	\$334	\$835	\$668	\$668
	Maximum	\$8,353	\$7,685	\$8,353	\$4,343	\$8,353	\$7,685	\$8,353	\$3,341	\$2,051	\$5,346
AIR ONLY	Mean	\$618.11				\$835.28				\$400.94	
1	Median	\$618				\$835				\$401	
	Minimum	\$401				\$835				\$401	
	Maximum	\$835				\$835				\$401	
HOTEL ONLY	Mean	\$200.47				\$200.47					
	Median	\$200				\$200					
	Minimum	\$200				\$200					
	Maximum	\$200				\$200	.				
HOTEL & MEAL	Mean	\$1,115.94		\$1,303.04		\$541.26	\$1,403.27	\$1,115.94			\$922.15
	Median	\$1,303		\$1,303		\$541	\$1,403	\$1,303			\$922
	Minimum	\$541		\$1,303		\$541	\$1,303	\$541			\$541
	Maximum	\$1,504	•	\$1,303		\$541	\$1,504	\$1,504		1	\$1,303
F&B HOTEL	Mean	<b>4</b> .,55.		4.,555		1	4.,55.	<b>4</b> 1,001			41,000
	Median	·	·								
	Minimum	· ·									
	Maximum	·						•			
TRANS- TAIWAN	Mean	\$4.18	\$4.18				\$4.18	\$4.18	•		\$4.18
110/140-1/14/14	Median	\$4.16	\$4.10				\$4.16	\$4.10			\$4.18
	Minimum	\$4 \$4	\$4 \$4		•		\$4	\$4 \$4			\$4
	Maximum				•		\$4 \$4	\$4 \$4	•		\$4 \$4
TRANS- GUAM		\$4	\$4		·		l ' '				
TRANS- GOAM	Mean	\$25.39	\$25.39				\$25.39	\$25.39			\$8.02
	Median	\$8	\$8				\$8	\$8	-		\$8
	Minimum	\$8	\$8				\$8	\$8			\$8
ODT TOURS	Maximum	\$60	\$60				\$60	\$60			\$8
OPT TOURS	Mean	\$507.41	\$274.77	\$1,670.56	\$1,670.56	\$399.26	\$191.78	\$914.13		\$167.06	
1	Median	\$257	\$251	\$1,671	\$1,671	\$399	\$167	\$914		\$167	
	Minimum	\$158	\$158	\$1,671	\$1,671	\$264	\$158	\$158		\$167	
	Maximum	\$1,671	\$535	\$1,671	\$1,671	\$535	\$251	\$1,671		\$167	
OTHER	Mean	\$324.55	\$276.12	\$456.62	\$668.23	\$185.43	\$282.60	\$352.01	\$501.17		\$274.36
	Median	\$301	\$234	\$368	\$668	\$185	\$267	\$334	\$501		\$301
	Minimum	\$70	\$70	\$334	\$668	\$70	\$155	\$155	\$501		\$155
	Maximum	\$668	\$501	\$668	\$668	\$301	\$484	\$668	\$501		\$368
TOTAL	Mean	\$1,415.48	\$1,419.22	\$2,756.32	\$2,534.80	\$1,041.52	\$1,372.80	\$1,456.17	\$1,346.10	\$921.00	\$1,275.92
	Median	\$1,014	\$1,169	\$2,155	\$922	\$902	\$1,069	\$1,014	\$1,186	\$922	\$1,041
	Minimum	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Maximum	\$8,353	\$7,685	\$8,353	\$6,682	\$8,353	\$7,685	\$8,353	\$3,341	\$2,051	\$5,346



### TOTAL EXPENDITURES – TRACKING



YTD=\$1,153.46



### TOTAL EXPENDITURES PER PERSON - SEGMENTATION

		TOTAL	GEN LEISURE GRP	CHILD	INCENTIVE MKT	MALE 20-40	FEMALE 20- 40	WHITE COLLAR	WEDDING/ HNYMOON	STUDENT	MID INCOME
		-	-	-	-	-	-	-	•	-	-
TOTAL PER PERSON	Mean	\$1,421.15	\$1,497.07	\$1,331.31	\$1,224.87	\$1,209.16	\$1,780.01	\$1,560.25	\$1,435.97	\$1,292.84	\$1,690.10
	Median	\$1,285	\$1,376	\$1,242	\$1,252	\$1,208	\$1,469	\$1,343	\$1,446	\$1,242	\$1,292
	Minimum	\$0	\$0	\$0	\$686	\$0	\$0	\$0	\$500	\$0	\$108
	Maximum	\$10,604	\$3,569	\$3,341	\$1,736	\$3,258	\$10,604	\$10,604	\$2,671	\$3,037	\$10,604



### SECTION 4 ADVANCED STATISTICS



#### ANALYSIS TECHNIQUE

- Dependent variables: total per person on island expenditure and overall satisfaction (numeric)
- Independent variables are satisfaction with different aspects of trip to Guam (numeric).
- Use of linear stepwise regression to derive predictors (drivers) of on-island expenditure and overall satisfaction, Since both the independent and dependent variables are numeric.
- This determines the significant (p=<.05) drivers and the percentage of the dependent variables accounted for by each significant predictor and by all of them combined.

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Comparison of Drivers of Overall Satisfaction, 1st,2nd,3rd,4th Qtr and Overall 1-4 Qtr 2014							
					Combin ed 1-4		
	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Qtr 2014		
Drivers:	rank	rank	rank	rank	rank		
Quality & Cleanliness of beaches & parks	4	3			5		
Ease of getting around							
Safety walking around at night							
Quality of daytime tours	3		3		4		
Variety of daytime tours		1	2	1	3		
Quality of nighttime tours							
Variety of nighttime tours							
Quality of shopping	2		1	3	1		
Variety of shopping							
Price of things on Guam							
Quality of hotel accommodations	1	2			2		
Quality/cleanliness of air, sky							
Quality/cleanliness of parks		4		4			
Quality of landscape in Tumon							
Quality of landscape in Guam							
Quality of ground handler				2			
Quality/cleanliness of transportation vehicles							
% of Per Person On Island Expenditures							
Accounted For	37.0%	43.9%	29.3%	54.4%	37.3%		
NOTE: Only significant drivers are include	d.						



### DRIVERS OF OVERALL SATISFACTION

- Overall satisfaction with the Taiwan visitor's experience on Guam is driven by four significant factors in the Fourth Quarter 2014 Period. By rank order they are:
  - Variety of daytime tours,
  - Quality of ground handler,
  - Quality of shopping, and
  - Quality/cleanliness of parks.
- With these four factors the overall r<sup>2</sup> is .544 meaning that 54.4% of overall satisfaction is accounted for by these factors.



Comparison of Drivers of Per Person On-Island Expenditures, 1st,2nd,3rd,4th Qtr 2014, and Overall 1-4th Qtr 2014						
	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Combin ed 1-4 Qtr 2014	
Drivers:	rank	rank	rank	rank	rank	
Quality & Cleanliness of beaches & parks						
Ease of getting around						
Safety walking around at night						
Quality of daytime tours						
Variety of daytime tours						
Quality of nighttime tours						
Variety of nighttime tours						
Quality of shopping						
Variety of shopping						
Price of things on Guam						
Quality of hotel accommodations						
Quality/cleanliness of air, sky	1	1				
Quality/cleanliness of parks						
Quality of landscape in Tumon				1	1	
Quality of landscape in Guam						
Quality of ground handler			1			
Quality/cleanliness of transportation vehicles						
% of Per Person On Island Expenditures						
Accounted For	6.9%	14.3%	3.3%	2.3%	6.4%	
NOTE: Only significant drivers are include	d.					



### Drivers of Per Person On Island Expenditure

- Per Person On Island Expenditure of Taiwan visitors on Guam is driven by one significant factor in the Fourth Quarter 2014 Period. It is:
  - Quality of landscape in Tumon.
- With this factor the overall r<sup>2</sup> is .023 meaning that 2.3% of per person on island expenditure is accounted for by this factor.