

# GUAM VISITORS BUREAU Korean Visitor Tracker Exit Profile FY2013 Market Segmentation MARCH 2013



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 Korean speaking interviewers double-checked each questionnaire for consistency and completeness, while the respondent is present.
- A total of **351** departing Korean 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 **351** is +/- 5.22 percentage points with a 95% confidence level. That is, if all Korean 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 +/- 5.22 percentage points.



#### **Objectives**

- The specific objectives of the analysis were:
  - To determine the relative size and expenditure behavior of the following market segments:
    - Family/FITs
    - Golden Miss
    - Group Travelers
    - English Language Tour
    - Honeymooner
    - Wedding
    - Special Interest Travel
    - Incentive Market
    - 18-35
    - 36-55
    - Traveling with children
    - FITs
    - Seniors
    - Sports competition/spectator
  - To identify the most significant factors affecting overall visitor satisfaction.
  - -To identify (for all Korean visitors) the most important determinants of onisland spending



# Highlighted Segments Parameters

- Family/ FITs Q.6/ Q.7
- Golden Miss Female/ QF/ Q.25
- Group Travelers Q.7
- English Language Tour Q.18
- Honeymooner Q.5
- Wedding Q.5
- Special Interest Travel
   Q.5/ Q.18
- Incentive Market Q.5/ Q.7
- 18-35 Q.F
- 36-55 Q.F
- Traveling with children Q.6
- FITs Q.7
- Seniors Q.F
- Sports comp/spectator Q.5/Q.19



### **Highlighted Segments**

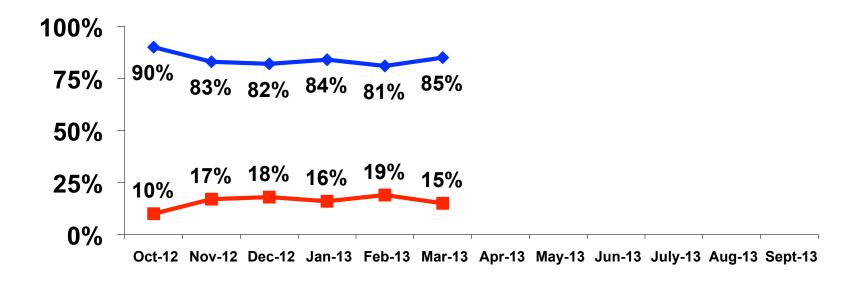
	Oct 12	Nov 12	Dec 12	Jan 13	Feb 13	Mar 13	Apr 13	May 13	Jun 13	Jul 13	Aug 13	Sept 13
Family/ FIT	7%	4%	5%	4%	5%	6%						
Group	0%	-	-	1%	0%	0%						
Eng Language	0%	-	-	1%	0%	0%						
Honeymoon	30%	20%	11%	8%	12%	23%						
Wedding	1%	1%	0%	-	1%	0%						
Incentive	3%	3%	2%	9%	2%	8%						
18-35	63%	66%	47%	49%	52%	69%						
36-55	35%	31%	47%	47%	43%	26%						
Child	36%	33%	48%	45%	44%	37%						
FIT	8%	8%	7%	5%	7%	8%						
Golden Miss	4%	4%	5%	4%	3%	5%						
Senior	1%	1%	1%	1%	1%	2%						
Sport	33%	30%	33%	28%	24%	23%						
TOTAL	351	351	350	350	351	351						



### SECTION 1 PROFILE OF RESPONDENTS



#### **Marital Status Tracking**





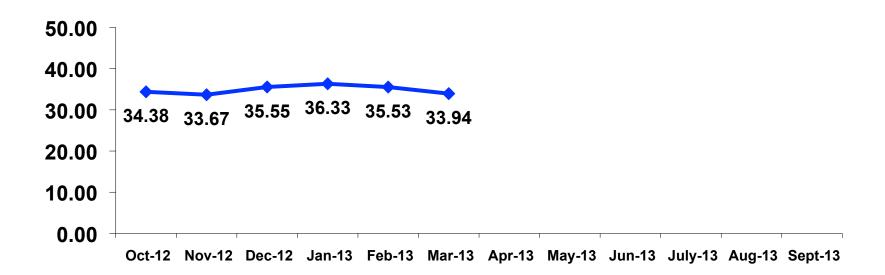


### **Marital Status Segmentation**

			TOTAL	FAMILY/FIT	GROUP TRVL	ENG LANG LESSON	HONEYMOON	WEDDING	INCENTIVE TRVL	18-35	36-55	CHILD	FIT	GOLDEN MISS	SENIORS	SPORT
				-	-	•	-	-	-	-	-			•	-	-
QE	Married	Count	296	20	0	1	79	1	12	197	84	125	22	15	7	64
		Column N %	85%	95%	0%	100%	99%	100%	44%	81%	92%	96%	81%	83%	100%	81%
	Single	Count	53	1	1	0	1	0	15	45	7	5	5	3	0	15
		Column N %	15%	5%	100%	0%	1%	0%	56%	19%	8%	4%	19%	17%	0%	19%
	Total	Count	349	21	1	1	80	1	27	242	91	130	27	18	7	79



#### Average Age Tracking





### **Age Segmentation**

			TOTAL	FAMILY/ FIT	GROUP TRVL	ENG LANG LESSON	HONEYMOON	WEDDING	INCENTIVE TRVL	18-35	36-55	CHILD	FIT	GOLDEN MISS	SENIORS	SPORT
			-	-	-	-	-	-	-	-	-	-	-	-	-	-
QF	18-24	Count	10	0	0	0	5	0	2	10	0	0	0	0	0	1
		Column N %	3%	0%	0%	0%	6%	0%	7%	4%	0%	0%	0%	0%	0%	1%
	25-34	Count	208	14	1	1	63	1	17	208	0	63	19	13	0	49
		Column N %	60%	67%	100%	100%	79%	100%	63%	86%	0%	49%	70%	72%	0%	63%
	35-49	Count	109	6	0	0	12	0	8	24	85	64	6	5	0	23
		Column N %	32%	29%	0%	0%	15%	0%	30%	10%	93%	50%	22%	28%	0%	29%
	50+	Count	18	1	0	0	0	0	0	0	6	2	2	0	7	5
		Column N %	5%	5%	0%	0%	0%	0%	0%	0%	7%	2%	7%	0%	100%	6%
	Total	Count	345	21	1	1	80	1	27	242	91	129	27	18	7	78
QF	Mean		33.94	33.48	28.00	26.00	30.46	31.00	31.48	30.57	39.44	35.25	33.41	32.17	62.86	34.06
	Median		33	32	28	26	30	31	30	31	38	35	32	31	61	33

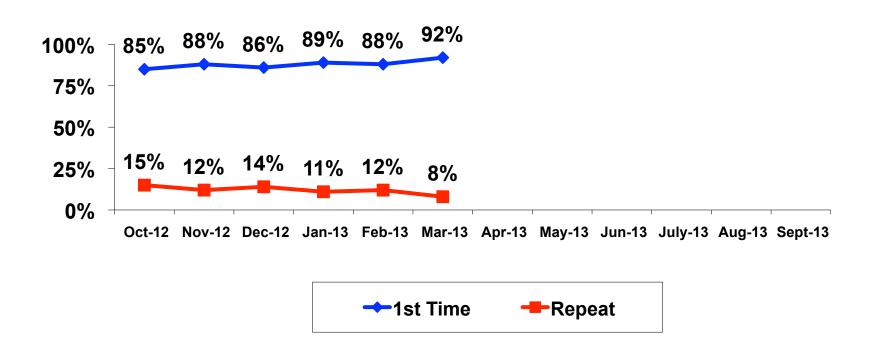


### **Income Segmentation**

			TOTAL	FAMILY/FIT	GROUP TRVL	ENG LANG LESSON	HONEYMOON	WEDDING	INCENTIVE TRVL	18-35	36-55	CHILD	FIT	GOLDEN MISS	SENIORS	SPORT
			-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q26	KW12.0M-KW24.0M	Count	15	0	0	0	6	0	4	15	0	1	0	1	0	2
		Column N %	5%	0%	0%	0%	8%	0%	17%	7%	0%	1%	0%	6%	0%	3%
	KW24.0M-KW36.0M	Count	55	3	1	0	20	1	10	48	7	9	3	3	0	16
		Column N %	19%	21%	100%	0%	28%	100%	43%	24%	9%	8%	17%	17%	0%	23%
	KW36.0M-KW48.0M	Count	61	0	0	0	15	0	4	40	18	16	2	4	2	12
		Column N %	21%	0%	0%	0%	21%	0%	17%	20%	22%	14%	11%	22%	40%	17%
	KW48.0M-KW60.0M	Count	57	4	0	1	15	0	1	39	14	24	5	4	1	10
		Column N %	19%	29%	0%	100%	21%	0%	4%	19%	17%	22%	28%	22%	20%	14%
	KW60.0M-KW72.0M	Count	36	2	0	0	10	0	1	24	12	20	3	1	0	12
		Column N %	12%	14%	0%	0%	14%	0%	4%	12%	15%	18%	17%	6%	0%	17%
	KW72.0M+	Count	67	4	0	0	2	0	3	32	30	40	4	5	1	17
		Column N %	23%	29%	0%	0%	3%	0%	13%	16%	37%	36%	22%	28%	20%	25%
	No Income	Count	4	1	0	0	3	0	0	3	0	1	1	0	1	0
		Column N %	1%	7%	0%	0%	4%	0%	0%	1%	0%	1%	6%	0%	20%	0%
	Total	Count	295	14	1	1	71	1	23	201	81	111	18	18	5	69



#### **Prior Trips to Guam Tracking**





# **Prior Trips to Guam Segmentation**

			TOTAL	FAMILY/FIT	GROUP TRVL	ENG LANG LESSON	HONEYMOON	WEDDING	INCENTIVE TRVL	18-35	36-55	CHILD	FIT	GOLDEN MISS	SENIORS	SPORT
			-	-		•	-		•	-			-	-	-	-
Q3A	Yes	Count	322	17	1	1	79	1	26	226	80	112	22	16	7	73
		Column N %	92%	81%	100%	100%	99%	100%	96%	94%	88%	86%	81%	89%	100%	92%
	No	Count	28	4	0	0	1	0	1	15	11	18	5	2	0	6
		Column N %	8%	19%	0%	0%	1%	0%	4%	6%	12%	14%	19%	11%	0%	8%
	Total	Count	350	21	1	1	80	1	27	241	91	130	27	18	7	79



### Average Length of Stay Tracking





# **Average Length of Stay Segmentation**

		TOTAL	FAMILY/ FIT	GROUP TRVL	ENG LANG LESSON	HONEYMOON	WEDDING	INCENTIVE TRVL	18-35	36-55	CHILD	FIT	GOLDEN MISS	SENIORS	SPORT
		-	-	-	-	-		-	-	-		-	•	-	-
Q8	Mean	3.37	3.90	3.00	4.00	3.56	4.00	3.04	3.41	3.26	3.46	3.78	3.44	3.29	3.53
	Median	3	4	3	4	3	4	3	3	3	3	4	3	3	3



## SECTION 2 TRAVEL PLANNING



### **Travel Planning Segmentation**

			TOTAL	FAMILY/FIT	GROUP TRVL	ENG LANG LESSON	HONEYMOON	WEDDING	INCENTIVE TRVL	18-35	36-55	CHILD	FIT	GOLDEN MISS	SENIORS	SPORT
				-	-		-	-		-	-	-	-	-	-	-
Q7	Full package tour	Count	184	0	0	0	57	1	7	126	51	73	0	12	4	48
		Column N %	52%	0%	0%	0%	71%	100%	26%	52%	56%	56%	0%	67%	57%	61%
	Free-time package tour	Count	122	0	0	1	21	0	2	83	28	44	0	2	3	26
		Column N %	35%	0%	0%	100%	26%	0%	7%	34%	31%	34%	0%	11%	43%	33%
	Individually arranged	Count	27	21	0	0	2	0	0	20	7	14	27	3	0	2
	travel (FIT)	Column N %	8%	100%	0%	0%	3%	0%	0%	8%	8%	11%	100%	17%	0%	3%
	Group tour	Count	1	0	1	0	0	0	1	1	0	0	0	0	0	0
		Column N %	0%	0%	100%	0%	0%	0%	4%	0%	0%	0%	0%	0%	0%	0%
	Company paid travel	Count	17	0	0	0	0	0	17	12	5	0	0	1	0	3
		Column N %	5%	0%	0%	0%	0%	0%	63%	5%	5%	0%	0%	6%	0%	4%
	Total	Count	351	21	1	1	80	1	27	242	91	131	27	18	7	79



#### **Travel Motivation Segmentation**

		TOTAL	FAMILY/FIT	GROUP TRVL	ENG LANG LESSON	HONEYMOON	WEDDING	INCENTIVE TRVL	18-35	36-55	CHILD	FIT	GOLDEN MISS	SENIORS	SPORT
		-	-	-	-	-	-	-	-		-	-	-	-	-
Q5A	Previous trip	6%	10%	0%	0%	0%	0%	0%	4%	11%	12%	7%	6%	0%	8%
	Price	15%	10%	0%	0%	15%	0%	0%	16%	15%	16%	7%	6%	0%	12%
	Visit friends/ Relatives	3%	14%	0%	100%	0%	0%	0%	3%	3%	2%	11%	0%	0%	5%
	Recomm- friend/family/trvl	19%	14%	0%	0%	18%	0%	7%	17%	25%	21%	11%	22%	33%	28%
	agnt														
	Scuba	2%	0%	0%	100%	3%	0%	4%	2%	2%	1%	0%	0%	0%	10%
	Water sports	8%	0%	0%	100%	5%	0%	0%	7%	10%	7%	4%	11%	0%	33%
	Short travel time	35%	62%	0%	0%	19%	0%	4%	33%	42%	42%	63%	33%	0%	35%
	Golf	1%	0%	0%	0%	1%	0%	0%	0%	2%	0%	0%	0%	0%	4%
	Relax	58%	62%	0%	0%	49%	0%	4%	56%	64%	71%	63%	72%	100%	65%
	Company/ Business Trip	4%	5%	0%	0%	0%	0%	30%	3%	6%	1%	11%	6%	0%	1%
	Company Sponsored	7%	0%	100%	0%	0%	0%	85%	8%	3%	1%	0%	6%	0%	6%
	Convention/ Trade/	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
	Conference														
	Safe	27%	38%	0%	100%	18%	100%	4%	26%	33%	40%	30%	28%	33%	26%
	Natural beauty	47%	38%	100%	0%	30%	0%	15%	44%	53%	60%	41%	67%	83%	50%
	Shopping	25%	29%	0%	0%	15%	0%	15%	24%	30%	26%	30%	28%	0%	17%
	Career Cert/ Testing	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
	Married/ Attn wedding	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%
	Honeymoon	23%	10%	0%	0%	100%	0%	0%	31%	7%	2%	7%	0%	0%	31%
	Pleasure	11%	14%	0%	0%	5%	0%	4%	8%	17%	16%	19%	17%	17%	10%
	Organized sports	1%	0%	0%	0%	0%	0%	0%	1%	1%	2%	0%	0%	0%	5%
	Other	1%	0%	0%	0%	1%	0%	0%	0%	0%	1%	0%	0%	0%	0%
	Total Count	346	21	1	1	80	1	27	242	88	129	27	18	6	78



# **Information Sources Segmentation**

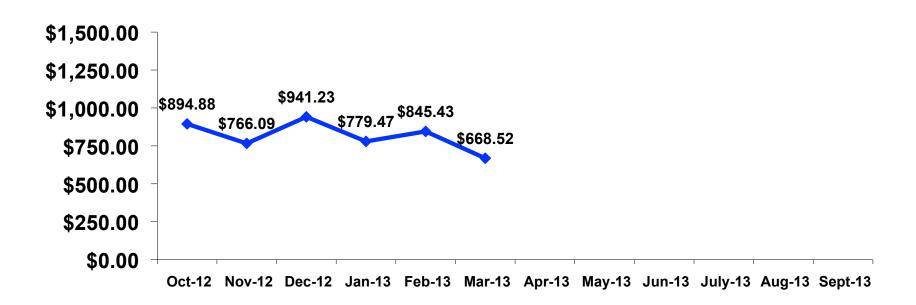
		TOTAL	FAMILY/FIT	GROUP TRVL	ENG LANG LESSON	HONEYMOON	WEDDING	INCENTIVE TRVL	18-35	36-55	CHILD	FIT	GOLDEN MISS	SENIORS	SPORT
		-	-	-			-		-	-	-	-	-	-	-
Q1	Internet	95%	95%	100%	100%	95%	100%	96%	98%	95%	97%	93%	94%	57%	94%
	Travel Agent Brochure	39%	0%	0%	100%	64%	100%	33%	39%	44%	36%	7%	11%	14%	48%
	Friend/ Relative	37%	48%	100%	100%	31%	0%	19%	38%	33%	38%	41%	28%	57%	42%
	Co-Worker/ Company Trvl Dept	13%	5%	0%	100%	14%	0%	41%	16%	7%	8%	4%	17%	0%	19%
	Prior Trip	8%	19%	0%	0%	1%	0%	4%	6%	12%	14%	19%	11%	0%	8%
	Travel Guidebook- Bookstore	7%	10%	0%	0%	5%	0%	7%	7%	9%	6%	7%	11%	0%	5%
	TV	5%	5%	0%	0%	6%	0%	4%	5%	7%	3%	4%	0%	0%	10%
	GVB Office	3%	5%	0%	0%	4%	0%	0%	3%	5%	4%	7%	11%	0%	1%
	Magazine (Consumer)	3%	5%	0%	0%	5%	0%	4%	3%	2%	2%	4%	6%	0%	3%
	GVB Promo	1%	5%	0%	0%	0%	0%	7%	1%	3%	2%	4%	0%	0%	1%
	Consumer Trvl Show	1%	5%	0%	0%	1%	0%	0%	0%	1%	0%	4%	0%	0%	0%
	Newspaper	1%	0%	0%	0%	3%	0%	0%	1%	0%	0%	0%	0%	0%	3%
	Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
	Travel Trade Show	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	14%	0%
	Total Count	348	21	1	1	80	1	27	242	91	131	27	18	7	79



## SECTION 3 EXPENDITURES



#### **Prepaid Expenditures Tracking**





# Prepaid Expenditures Per Person Segmentation

		T0T11		0001107014	ENG LANG			INCENTIVE	40.05				GOLDEN	05111050	
		TOTAL	FAMILY/ FIT	GROUP TRVL	LESSON	HONEYMOON	WEDDING	TRVL	18-35	36-55	CHILD	FIT	MISS	SENIORS	SPORT
		-	-	-	-	-	-	-	•	•	-	-	-	-	-
PER PERSON	Mean	\$668.52	\$445.21	\$0.00	\$974.08	\$923.05	\$724.89	\$125.85	\$704.79	\$605.13	\$633.25	\$463.73	\$683.52	\$513.90	\$673.78
	Median	\$725	\$589	\$0	\$974	\$997	\$725	\$0	\$758	\$680	\$680	\$598	\$785	\$498	\$725
	Minimum	\$0	\$0	\$0	\$974	\$0	\$725	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Maximum	\$2,265	\$951	\$0	\$974	\$2,265	\$725	\$951	\$2,265	\$1,691	\$1,704	\$951	\$1,812	\$1,359	\$1,812



# On-Island Expenditures Tracking



$$YTD = $364.40$$



# On-Island Expenditures Per Person Segmentation

		TOTAL	FAMILY/FIT	GROUP TRVL	ENG LANG LESSON	HONEYMOON	WEDDING	INCENTIVE TRVL	18-35	36-55	CHILD	FIT	GOLDEN MISS	SENIORS	SPORT
		-	-	-	-	-	-	-	-	-	-	-	-	-	-
PER PERSON	Mean	\$357.95	\$304.44	\$356.00	\$200.00	\$468.72	\$350.00	\$343.41	\$383.70	\$305.32	\$268.81	\$327.16	\$466.94	\$245.24	\$402.99
	Median	\$250	\$200	<b>\$</b> 356	\$200	\$305	\$350	\$300	\$260	\$200	\$180	\$300	\$258	<b>\$1</b> 75	\$273
	Minimum	\$0	\$0	<b>\$</b> 356	\$200	\$0	\$350	\$100	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Maximum	\$2,775	\$1,500	<b>\$</b> 356	\$200	\$2,000	\$350	\$1,150	\$2,775	\$2,775	\$2,000	\$1,500	\$1,600	\$1,000	\$2,143

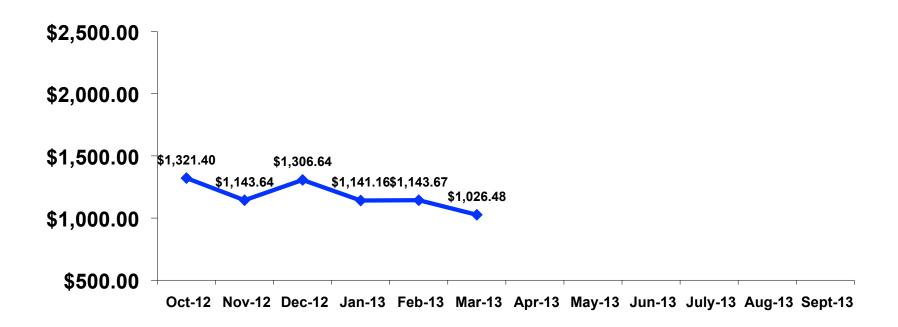


### On-Island Expense Breakdown

		TOTAL	FAMILY/ FIT	GROUP TRVL	ENG LANG LESSON	HONEYMOON	WEDDING	INCENTIVE TRVL	18-35	36-55	CHILD	FIT	GOLDEN MISS	SENIORS	SPORT
		TOTAL		- GROOF IRVL	-	- HOINETWOON	- WEDDING	IRVL	16-35	30-55	CHILD	-	WII55	SENIORS	SFORT
AIR & HOTEL	Mean	\$1,800.25	\$1,304.81			\$1,538.39		\$815.51	\$1,886.91	\$1,655.41	\$2,394.00	\$1,060.16		\$724.89	\$2,174.68
	Median	\$1,722	\$1,305			\$1,631		\$816	\$1,722	\$1,631	\$2,356	\$1,060	1	\$725	\$2,129
	Minimum	\$136	\$1,305			\$906		\$816	\$544	\$136	\$725	\$816		\$725	\$906
	Maximum	\$5,437	\$1,305			\$2,447		\$816	\$5,437	\$2,900	\$5,437	\$1,305		\$725	\$3,624
AIR/ HOTEL/ MEAL	Mean	\$2,168.90	\$1,760.46		\$3,896.30	\$2,303.76	\$1,449.79	\$1,177.95	\$2,074.91	\$2,523.53	\$2,578.43	\$1,641.08	\$1,986.86	\$1,389.38	\$2,195.62
	Median	\$1,903	\$1,812		\$3,896	\$2,492	\$1,450	\$906	\$1,812	\$2,356	\$2,447	\$1,540	\$1,812	\$1,359	\$1,903
	Minimum	\$145	\$1,178		\$3,896	\$181	\$1,450	\$725	\$145	\$690	\$906	\$906	\$906	\$997	\$145
	Maximum	\$9,061	\$2,718		\$3,896	\$4,078	\$1,450	\$1,903	\$4,984	\$9,061	\$6,145	\$2,718	\$3,760	\$1,812	\$9,061
AIR ONLY	Mean	\$1,143.04	\$1,194.56		· .				\$1,058.38	\$1,297.56	\$1,250.86	\$1,079.57		· .	\$878.93
	Median	\$965	\$965						\$906	\$1,359	\$1,072	\$951		1 .	\$612
	Minimum	\$181	\$834						\$390	\$181	\$181	\$390			\$390
	Maximum	\$2,718	\$2,265						\$2,718	\$2,265	\$2,718	\$2,265			\$1,903
HOTEL ONLY	Mean														
	Median														
	Minimum														
	Maximum														
HOTEL & MEAL	Mean	\$857.28	\$875.01	,					\$658.80	\$1,322.93	\$800.98	\$788.84			\$459.85
	Median	\$731	\$748						\$725	\$1,196	\$731	\$725			\$376
	Minimum	\$181	\$589						\$272	\$181	\$181	\$272			\$272
	Maximum	\$2,718	\$1,667						\$1,087	\$2,718	\$1,667	\$1,667			\$816
F&B HOTEL	Mean	\$194.82							\$83.82	\$416.81	\$308.08				\$54.37
	Median	\$100							\$91	\$417	\$109				\$54
	Minimum	\$18 \$725							\$18	\$109 \$725	\$91 \$725				\$18 \$91
TRANS- KOREA	Maximum	\$111.75				\$181.22			\$136 \$113.26	\$181.22	\$181.22			\$36.24	291
INANS- NOREA	Mean Median	\$109	•	,		\$181		,	\$104	\$181	\$181			\$36.24	
	Minimum	\$18				\$181			\$18	\$181	\$181			\$36	
	Maximum	\$227				\$181			\$227	\$181	\$181			\$36	
TRANS- GUAM	Mean	\$477.98	\$181.22	·		\$74.75			\$138.64	\$2,174.68	\$1,177.95	\$181.22			
	Median	\$181	\$181			\$75			\$181	\$2,175	\$1,178	\$181	1	1 :	1 :
	Minimum	\$59	\$181			\$59			\$59	\$2,175	\$181	\$181		l .	
	Maximum	\$2,175	\$181			\$91			\$181	\$2,175	\$2,175	\$181		l .	
OPT TOURS	Mean	\$235.59				\$283.16			\$275.46	\$135.92	\$226.53				\$244.65
	Median	\$227	.			\$249			\$245	\$136	\$227				\$245
	Minimum	\$91		.		\$181			\$181	\$91	\$181				\$245
	Maximum	\$453		.		\$453			\$453	\$181	\$272				\$245
OTHER	Mean	\$415.62		.		\$418.32			\$433.19	\$416.81	\$737.84	\$18.12		\$181.22	\$184.85
	Median	\$181		.		\$181			\$181	\$272	\$544	\$18		\$181	\$91
	Minimum	\$18		.		\$168			\$18	\$91	\$91	\$18		\$181	\$18
	Maximum	\$2,718				\$906			\$2,718	\$906	\$2,718	\$18		\$181	\$544
TOTAL	Mean	\$1,590.17	\$1,248.89	\$0.00	\$3,896.30	\$1,733.29	\$1,449.79	\$161.09	\$1,549.43	\$1,832.19	\$2,082.82	\$1,117.34	\$1,545.33	\$730.07	\$1,494.06
	Median	\$1,540	\$1,504	\$0	\$3,896	\$1,812	\$1,450	\$0	\$1,631	\$1,631	\$2,084	\$1,359	\$1,731	\$725	\$1,269
	Minimum	\$0	\$0	\$0	\$3,896	\$0	\$1,450	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Maximum	\$9,061	\$2,990	\$0	\$3,896	\$4,531	\$1,450	\$1,903	\$6,343	\$9,061	\$6,343	\$2,990	\$3,760	\$2,030	\$9,061



#### **Total Expenditures Tracking**



YTD=\$1,180.41



# Total Expenditures Per Person Segmentation

		TOTAL	FAMILY/FIT	GROUP TRVL	ENG LANG LESSON	HONEYMOON	WEDDING	INCENTIVE TRVL	18-35	36-55	CHILD	FIT	GOLDEN MISS	SENIORS	SPORT
		-	-	-	-	-	-		-		-		-	-	-
TOTAL PER PERSON	Mean	\$1,026.48	\$749.65	\$356.00	\$1,174.08	\$1,391.77	\$1,074.89	\$469.26	\$1,088.50	\$910.45	\$902.06	\$790.89	\$1,150.47	\$759.14	\$1,076.77
	Median	\$981	\$780	\$356	\$1,174	\$1,401	\$1,075	\$350	\$1,025	\$913	\$913	\$804	\$1,023	\$698	\$1,050
	Minimum	\$0	\$0	\$356	\$1,174	\$0	\$1,075	\$100	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Maximum	\$3,812	\$2,270	\$356	\$1,174	\$3,812	\$1,075	\$1,225	\$3,812	\$3,636	\$2,634	\$2,270	\$2,812	\$2,015	\$3,437



## 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, Oct, Nov, Dec 2012, Jan, Feb, Mar 2013 and Overall Oct 2012-Mar 2013									
	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Combined Oct2012- Mar 2013		
Drivers:	rank								
Quality & Cleanliness of beaches &									
parks	3	1		2	7	3	2		
Ease of getting around							10		
Safety walking around at night									
Quality of daytime tours	5		1						
Variety of daytime tours					5		6		
Quality of nighttime tours					6		8		
Variety of nighttime tours									
Quality of shopping					8				
Variety of shopping			5	3		1	3		
Price of things on Guam		3							
Quality of hotel accommodations	1		4	5	2	5	4		
Quality/cleanliness of air, sky			3		3		7		
Quality/cleanliness of parks									
Quality of landscape in Tumon							11		
Quality of landscape in Guam	2	4	6	4		4	5		
Quality of ground handler			2		4		9		
Quality/cleanliness of transportation									
vehicles	4	2		1	1	2	1		
% of Per Person On Island									
Expenditures Accounted For	50.4%	49.2%	64.7%	53.6%	62.7%	50.1%	54.3%		
NOTE: Only significant drivers are included.									



#### **Drivers of Overall Satisfaction**

- Overall satisfaction with the Korean visitor's experience on Guam is driven by five significant factors in the March 2013 Period. By rank order they are:
  - Variety of shopping,
  - Quality/cleanliness of transportation vehicles,
  - Quality/cleanliness of beaches and parks,
  - Quality of landscape in Guam, and
  - Quality of hotel accommodations
- With all five factors the overall r<sup>2</sup> is .501 meaning that **50.1% of overall satisfaction is accounted for by these five factors.**



Comparison of Drivers of Per Person					, Dec 20	12, Jan, I	Feb, Mar
2013 ai	nd Overa	II Oct 20	12-Mar 2	013			Combined
							Oct 2012-
	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Mar 2013
Drivers:	rank	rank	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				3			
Quality of nighttime tours							
Variety of nighttime tours							2
Quality of shopping				2			1
Variety of shopping							
Price of things on Guam							
Quality of hotel accommodations				1			
Quality/cleanliness of air, sky							
Quality/cleanliness of parks							
Quality of landscape in Tumon		1					
Quality of landscape in Guam							
Quality of ground handler							
Quality/cleanliness of transportation							
vehicles							
% of Per Person On Island Expenditures							
Accounted For	0.0%	2.6%	0.0%	3.7%	0.0%	0.0%	1.8%
NOTE: Only significant drivers are include	d.						



### Drivers of Per Person On-Island Expenditure

 Per Person On-Island Expenditure of Korean visitors on Guam is driven by no significant factors in the March 2013 Period.