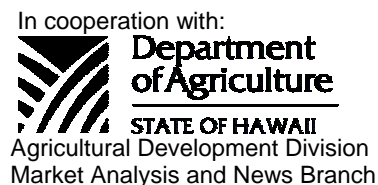




# HAWAII PAPAYAS



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Frequency: Monthly

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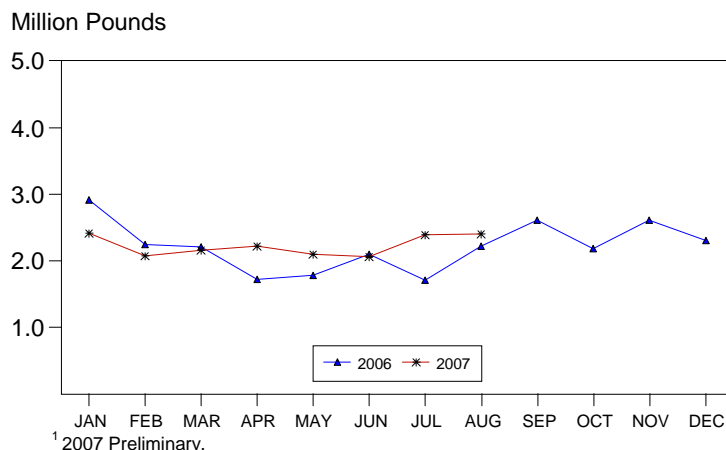
## AUGUST FRESH PAPAYA HIGHER

Hawaii fresh papaya utilization is estimated at 2.4 million pounds for August 2007, up 1 percent from July 2007 and 9 percent higher than August 2006. Year-to-date sales totaled 17.8 million pounds, 5 percent above the comparable period last year.

August weather was mainly sunny with occasional showers benefiting orchard growth and development. Irrigation was stepped up to replenish soil moisture levels. Spraying to control insects and diseases was ongoing. In preparation of Hurricane Flosse's strong winds, growers trimmed leaves from mature trees to prevent uprooting. Fortunately, it was downgraded to a tropical storm and passed with no damage to orchards. Newly planted acreage made favorable progress. Maturing fields were in the flowering and fruiting stages.

Papaya growers are expected to receive an estimated 40.0 cents per pound for fresh fruit in August, 15 percent (7.0 cents) less than July 2007 and 17 percent (8.1 cents) below August a year ago.

## PAPAYA: Fresh Utilization, State of Hawaii, 2006-2007<sup>1</sup>



## PAPAYA: Fresh utilization, by State, August 2007<sup>1</sup>

	Sales				Year ago	Year-to-date	
	Local <sup>2</sup>	Intrastate	Out-of-State	Total fresh		2006	2007
State <sup>3</sup> .....	298	1,327	780	2,405	2,215	16,895	17,820

*1,000 pounds*

<sup>1</sup> Data are preliminary for 2007.  
<sup>2</sup> On island of production.  
<sup>3</sup> County data series discontinued.

**PAPAYA: Acreage in crop, by county, 2007 with comparisons <sup>1</sup>**

County	Total acreage in crop							
	March		June		September		December	
	2006	2007	2006	2007	2006	2007	2006	2007
Hawaii.....	1,850	1,750	1,575	1,540	1,965		2,170	
Honolulu/Kauai/Maui <sup>2</sup> .....	220	185	170	195	175		180	
State.....	2,070	1,935	1,745	1,735	2,140		2,350	
	Total bearing acres							
Hawaii.....	1,620	750	1,385	675	1,205		1,025	
Honolulu/Kauai/Maui <sup>2</sup> .....	165	120	125	125	120		110	
State.....	1,785	870	1,510	800	1,325		1,135	

<sup>1</sup> 2007 Preliminary.

<sup>2</sup> Kauai and Maui combined with Honolulu to avoid disclosure of individual operations.

**PAPAYA: Fresh farm price, by State, 2006-2007**

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Average
	<i>Cents per pound</i>												
2006	34.1	36.5	42.1	46.3	51.5	47.1	47.0	48.1	38.6	38.1	38.3	36.4	41.3
2007 <sup>1</sup>	38.0	41.0	47.0	48.0	49.0	52.0	47.0	40.0					

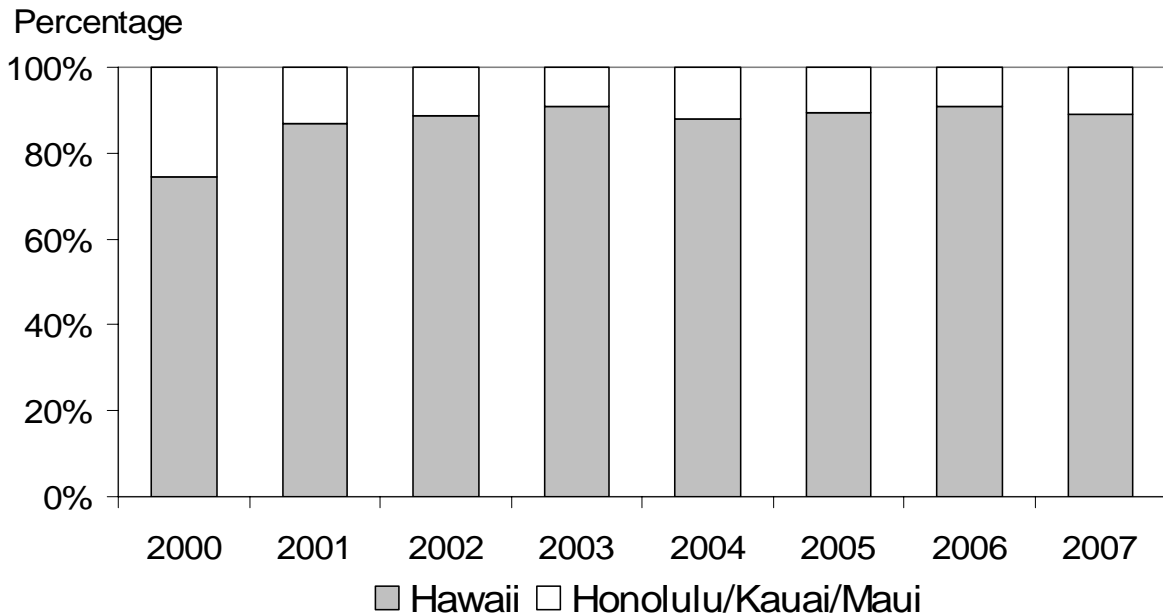
<sup>1</sup> Preliminary.

## Papaya Acreage Survey 2007 Results

In August 2007, there were 125 farms reported on Hawaii County, unchanged from August 2006. The county still accounts for the majority of the State's total papaya acreage and bearing acreage. Honolulu/Kauai/Maui County reported 53 growers compared to 45 growers a year ago.

Some growers commented on the challenges of growing papayas with continuous dry weather and the lack of natural rainfall, fire damage, and problems with insects, diseases, and wild pigs. Others had marketing and economic issues with low prices and the increasing cost of returns to maintain healthy papaya orchards. These concerns were influencing their decisions on whether to continue growing papayas. Some orchards reported doing well with no major incidences.

### PAPAYA: Total Acreage, County Distribution, State of Hawaii, August 2000 - August 2007



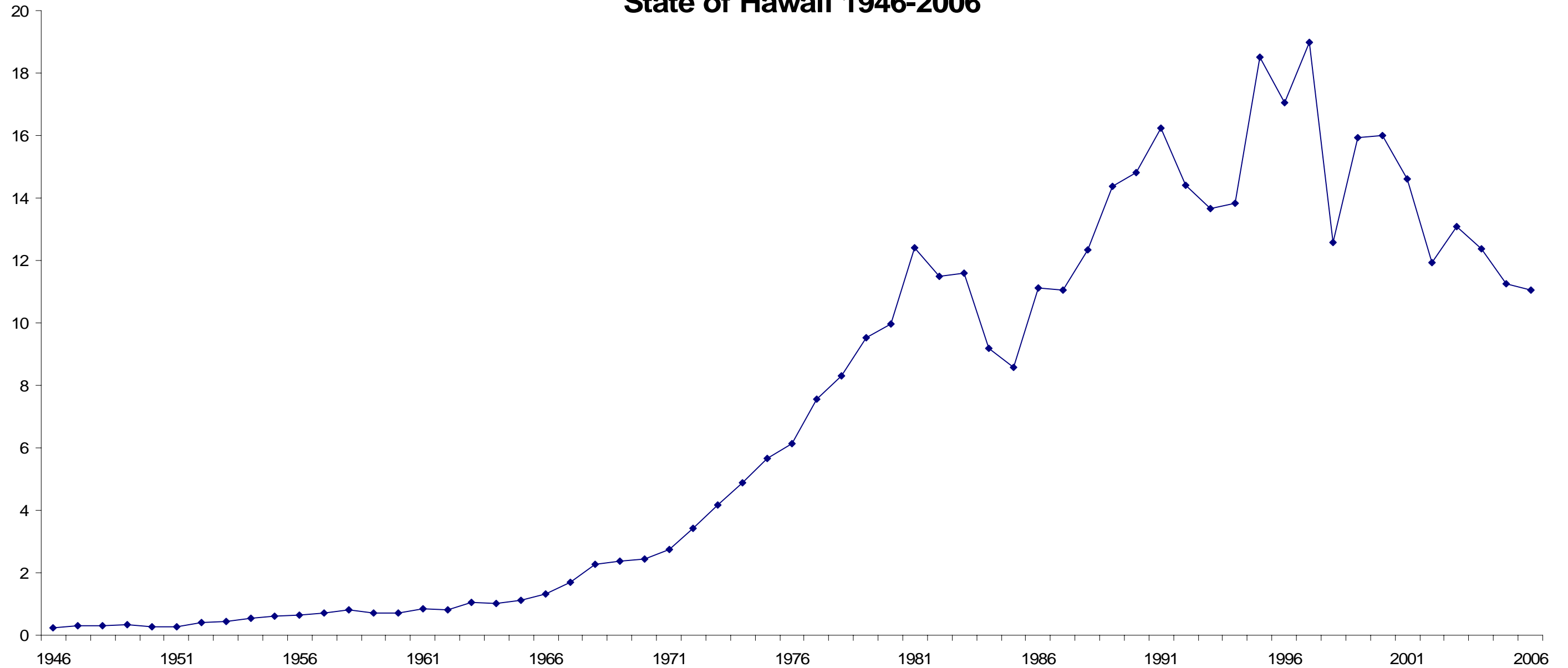
#### PAPAYA: Number of farms and acreage, by county, August 2007 with 2006 comparisons

County	Farms		Bearing		Non-bearing		Total	
	2006	2007	2006	2007	2006	2007	2006	2007
	---- Number ----		----- Acres -----					
Hawaii	125	125	1,215	1,240	750	665	1,965	1,905
Honolulu/Kauai/Maui <sup>1</sup>	45	53	115	155	80	75	195	230
State	170	178	1,330	1,395	830	740	2,160	2,135

<sup>1</sup> Kauai and Maui combined with Honolulu to avoid disclosure of individual operations.

## Papaya: Value of Utilized Production, State of Hawaii 1946-2006

Million dollars



1958, majority of the papaya production came from Hawaii County. Honolulu County produced more papayas during the previous years.

1971, virgin soil technique was introduced.

1982, Hurricane Iwa destroys Kauai orchards.

1984, utilization reached a record 80.5 million pounds while the farm price dropped to 11.4 cents per pound (fresh and processed combined).

1985, storm causes 6 to 12 percent tree

1992, PRV found in Pahoia on Hawaii County. Hurricane Iniki hits Kauai county devastating orchards.

1997, farm price reached a record high 48.9 cents per pound (fresh and processed combined). Farm value reached a record \$19.0 million.

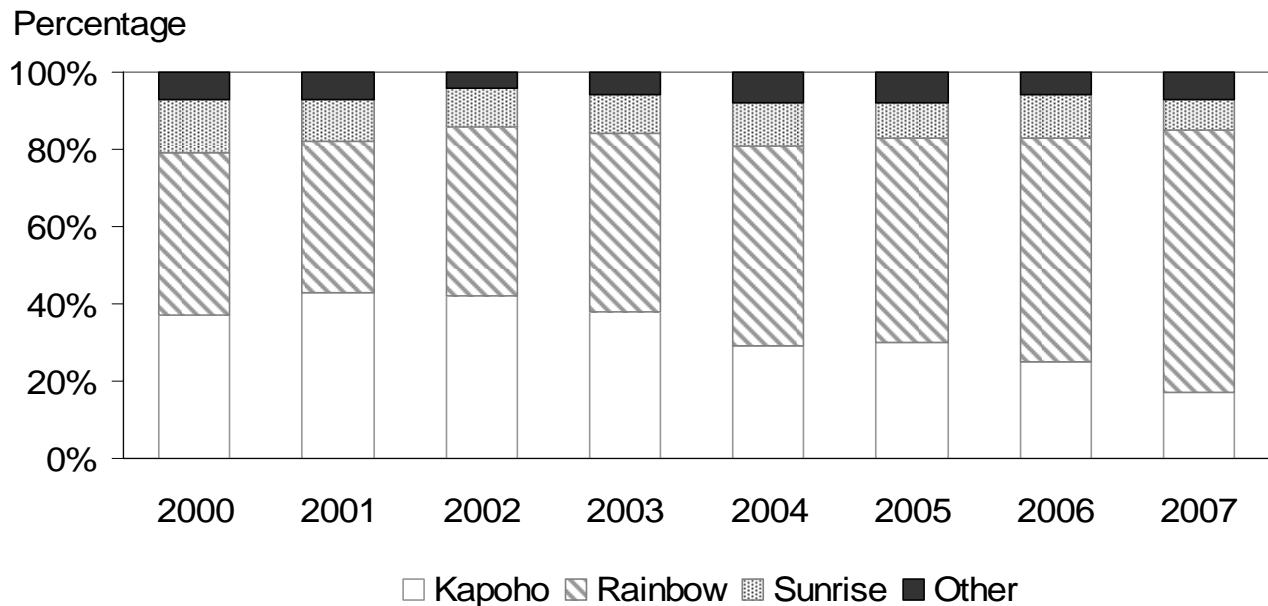
May 1998, PRV resistant varieties released.

Summer 2002, Papaya Marketing Order ends.

## State 2007 Variety Summary

In August 2000, Rainbow and Kapoho ranked as the top two varieties Statewide with 42 and 37 percent, respectively. Over the years, a higher percentage of Rainbow has been planted. In August 2007, Rainbow and Kapoho accounted for 68 and 17 percent, respectively. Sunrise variety represented 8 percent of the acreage grown followed by "Other" varieties making up 7 percent.

### PAPAYA: Total Acreage, Varietal Distribution, State of Hawaii, August 2000-August 2007



In August 2007, Rainbow represented 62 percent of the bearing acreage Statewide compared to 57 percent in August 2006. Kapoho comprised of 22 percent of the bearing acreage compared to 27 percent a year ago. Sunrise and "Other" varieties contributed 8 percent each to the bearing acreage.

#### PAPAYA: Varietal distribution, State of Hawaii, August 2007 with 2006 comparisons

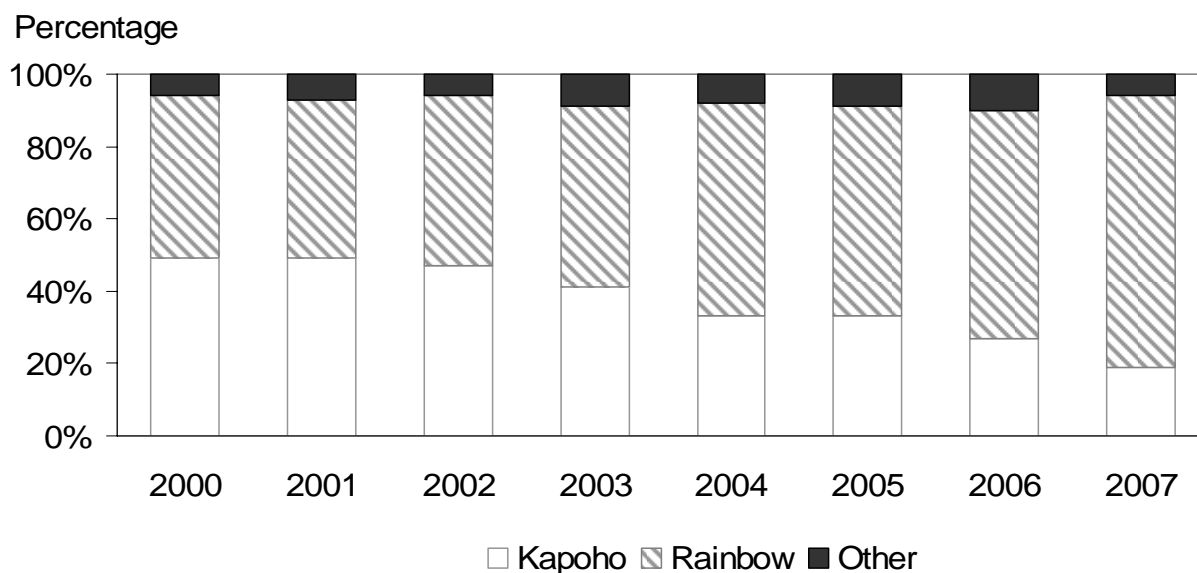
Variety	Bearing		Non-bearing		Total	
	2006	2007	2006	2007	2006	2007
	<i>Percent</i>					
Kapoho	27	22	22	8	25	17
Rainbow	57	62	59	79	58	68
Sunrise	11	8	11	7	11	8
Other <sup>1</sup>	5	8	8	6	6	7
Total	100	100	100	100	100	100

<sup>1</sup> Sunup combined with "Other" to avoid disclosure.

## Hawaii County 2007 Variety Summary

In August 2000, Hawaii County had 2,050 acres planted in papayas, Kapoho (49 percent), Rainbow (45 percent), and "Other" varieties (6 percent). Annual survey indications show there has been a trend in growing more Rainbow. In August 2007, Rainbow acreage distribution accounted for 75 percent, Kapoho 19 percent, and "Other" varieties 6 percent.

### PAPAYA: Total Acreage, Varietal Distribution, Hawaii County, August 2000-August 2007



#### PAPAYA: Hawaii County varietal distribution, August 2007 with 2006 comparisons

Variety	Bearing		Non-bearing		Total	
	2006	2007	2006	2007	2006	2007
	<i>Percent</i>					
Kapoho	30	25	24	9	27	19
Rainbow	62	68	64	87	63	75
Other <sup>1</sup>	8	7	12	4	10	6
Total	100	100	100	100	100	100

<sup>1</sup> Sunrise combined with "Other".

#### PAPAYA: Hawaii County distribution within variety, August 2007 with 2006 comparisons

Variety	Bearing		Non-bearing		Total	
	2006	2007	2006	2007	2006	2007
	<i>Percent</i>					
Kapoho	66	84	34	16	100	100
Rainbow	61	59	39	41	100	100
Other <sup>1</sup>	51	76	49	24	100	100
Total	62	65	38	35	100	100

<sup>1</sup> Sunrise combined with "Other".

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