

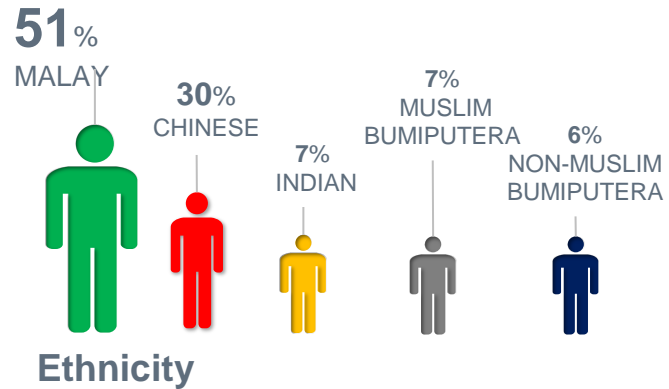
# **Survey on Malaysia Perspectives on Climate Change**

**Period : 18-29 December 2016**

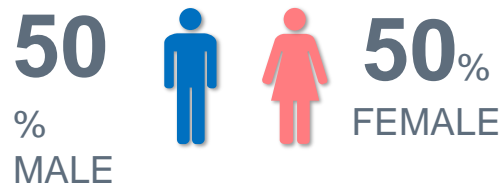


# Survey Methodology & Respondent Profiles

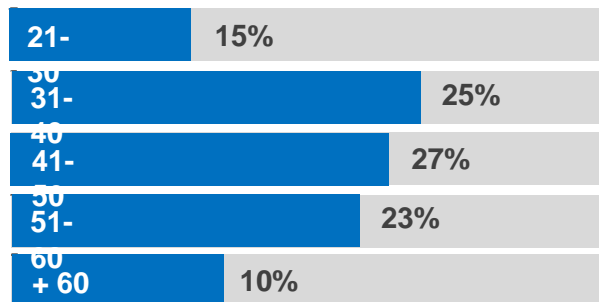
- **1,208** voters aged 21 and above were interviewed via telephone (fixed and mobile lines)
- The survey respondents are from all states across Peninsular Malaysia includes Sabah and Sarawak
- Voters were selected through random stratified sampling method along the lines of ethnicity, gender, age and parliament constituencies.
- All of the constituencies (**14** states and across **222** parliament constituencies) were surveyed and the selection of the respondents is proportional with respect to the population in each parliament constituency.
- Respondents were interviewed in their own language of preferences
- Survey margin of error estimated at **±2.83%**
- The survey was conducted on **18 – 29 December 2016**



## Gender

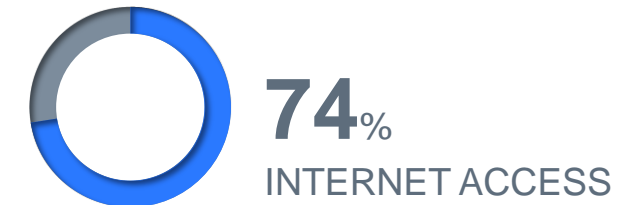


## Age group

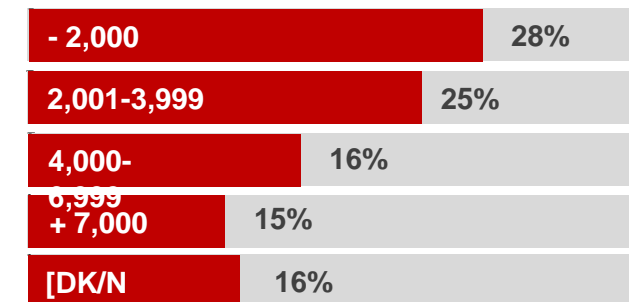


## Occupation/ Sector

- 35%** Private
- 18%** Self employed/Business
- 19% Homemaker
- 14% Government/ GLC
- 10% Retired
- 4% Student/ Unemployed/ Others



## Monthly Household Income (RM)



# Concern about Climate Change

		A Great Deal	Some	Not Very Much	Not At All	DK/NR
Ethnicity	Malay	27.4%	52.4%	17.2%	2.3%	0.8%
	Chinese	35.6%	49.3%	11.2%	2.2%	1.7%
	Indian	43.0%	37.2%	16.3%	2.3%	1.2%
	Bumiputra	40.5%	39.9%	13.5%	2.7%	3.4%
Age Group	<40	30.4%	49.9%	16.8%	2.1%	0.8%
	>40	34.0%	48.1%	13.6%	2.5%	1.8%
Education	Non-College	31.2%	48.1%	16.1%	2.8%	1.5%
	College	34.7%	50.3%	12.7%	1.5%	0.6%
Region	North	27.5%	57.1%	13.7%	1.1%	0.5%
	East	22.7%	53.1%	20.3%	2.4%	1.5%
	Central	35.8%	46.8%	13.8%	2.3%	1.3%
	South	32.9%	48.8%	15.0%	2.5%	0.8%
	Sabah & Sarawak	41.0%	40.4%	12.2%	3.2%	3.2%
Monthly HH Income	<4k	30.4%	48.3%	18.0%	1.9%	1.4%
	>4k	36.4%	48.7%	11.5%	2.7%	0.8%
Total		32.5%	48.8%	14.9%	2.3%	1.4%

# Causes of Climate Change

		Caused Mostly by Human Activities	Caused mostly by natural change in the environment	[none of the above, climate change isn't happening]	Others	DK/NR
Ethnicity	Malay	68.7%	24.6%	1.1%	3.6%	2.0%
	Chinese	73.7%	17.1%	0.6%	3.1%	5.6%
	Indian	74.4%	20.9%		2.3%	2.3%
	Bumiputra	64.9%	20.9%	2.0%	4.7%	7.5%
Age Group	<40	75.7%	17.7%	0.8%	4.4%	1.4%
	>40	66.4%	24.3%	1.1%	2.9%	5.2%
Education	Non-College	62.8%	27.3%	1.1%	3.7%	5.0%
	College	82.4%	12.1%	0.9%	3.1%	1.5%
Region	North	73.6%	19.2%	0.5%	2.2%	4.4%
	East	60.9%	31.4%	1.4%	3.9%	2.4%
	Central	74.4%	19.2%	0.8%	2.2%	1.5%
	South	76.3%	17.1%	0.4%	2.9%	3.3%
	Sabah & Sarawak	60.1%	24.5%	2.1%	3.7%	9.6%
Income	<4k	65.4%	26.3%	0.9%	3.4%	3.9%
	>4k	79.7%	13.4%	1.1%	3.5%	2.4%
<b>Total</b>		<b>70.1%</b>	<b>21.7%</b>	<b>1.0%</b>	<b>3.5%</b>	<b>3.7%</b>

# Impact of Climate Change on Malaysia

		Harm to wildlife & their habitats	Storms become more severe	More drought or water shortage	Damage to forest & plants	Rising sea levels: eroded shorelines	All the factors given	Others	DK/NR
Ethnicity	Malay	11.7%	21.1%	17.7%	27.1%	13.5%	2.8%	2.3%	4.0%
	Chinese	7.8%	18.5%	16.5%	12.0%	15.7%	10.4%	7.6%	11.5%
	Indian	16.3%	22.1%	11.6%	16.3%	16.3%	10.5%	4.7%	2.3%
	Bumiputra	13.5%	23.6%	19.6%	21.6%	12.8%	1.4%	0.7%	6.8%
Age Group	<40	12.3%	17.9%	19.5%	24.9%	13.9%	4.0%	3.3%	4.1%
	>40	10.3%	22.6%	15.5%	18.7%	14.4%	6.3%	4.1%	8.0%
Education	Non-College	9.9%	21.8%	18.8%	20.2%	12.1%	4.5%	3.7%	8.9%
	College	13.2%	18.9%	14.3%	22.8%	17.8%	6.8%	4.0%	2.4%
Region	North	11.5%	23.1%	15.9%	22.0%	14.8%	4.9%	3.8%	3.8%
	East	9.2%	19.8%	17.9%	27.1%	14.0%	4.3%	1.4%	6.3%
	Central	11.8%	22.0%	16.4%	19.7%	14.1%	5.9%	4.3%	5.9%
	South	10.8%	18.3%	16.7%	20.0%	14.6%	7.1%	6.3%	6.2%
	Sabah & Sarawak	11.7%	19.7%	19.7%	18.6%	13.8%	3.7%	2.1%	10.6%
Income	<4k	10.3%	23.0%	17.9%	21.0%	13.8%	4.1%	3.3%	6.6%
	>4k	12.3%	19.5%	16.0%	21.1%	14.7%	7.5%	4.5%	4.3%
<b>Total</b>		<b>11.1%</b>	<b>20.7%</b>	<b>17.1%</b>	<b>21.2%</b>	<b>14.2%</b>	<b>5.4%</b>	<b>3.8%</b>	<b>6.5%</b>

# Weather in Malaysia

		More Stable	More Unstable	About The Same	DK/NR
Ethnicity	Malay	13.1%	59.6%	25.4%	1.8%
	Chinese	2.8%	70.6%	23.8%	2.8%
	Indian	7.0%	77.9%	14.0%	1.2%
	Bumiputra	11.5%	59.5%	26.4%	2.7%
Age Group	<40	6.9%	67.4%	24.3%	1.4%
	>40	11.1%	62.0%	24.2%	2.7%
Education	Non-College	10.0%	61.9%	25.6%	2.5%
	College	8.4%	67.9%	22.2%	1.5%
Region	North	12.6%	63.2%	22.5%	1.6%
	East	14.5%	58.0%	26.1%	1.5%
	Central	7.2%	66.8%	23.8%	2.3%
	South	6.7%	70.0%	22.1%	1.2%
	Sabah & Sarawak	9.0%	59.0%	27.7%	4.3%
Income	<4k	12.1%	62.4%	24.3%	1.2%
	>4k	7.5%	69.8%	21.1%	1.6%
<b>Total</b>		<b>9.4%</b>	<b>64.2%</b>	<b>24.3%</b>	<b>1.5%</b>

6 Q: As far as you know, would you say that the weather in Malaysia have been more stable, more unstable or about the same since the last three years ?

# Temperature in Malaysia

		Higher	Lower	About The Same	DK/NR
Ethnicity	Malay	58.5%	5.8%	32.1%	3.6%
	Chinese	75.6%	5.0%	14.8%	4.5%
	Indian	75.6%	2.3%	19.8%	2.3%
	Bumiputra	62.8%	5.4%	26.4%	5.5%
Age Group	<40	67.4%	5.4%	23.7%	3.5%
	>40	64.0%	5.2%	26.5%	4.2%
Education	Non-College	62.1%	5.9%	27.4%	4.7%
	College	70.8%	4.4%	22.0%	2.6%
Region	North	73.1%	2.2%	23.1%	1.6%
	East	53.1%	7.7%	34.8%	4.4%
	Central	67.8%	4.6%	23.0%	4.6%
	South	68.3%	6.7%	22.1%	2.9%
	Sabah & Sarawak	62.2%	5.3%	26.6%	5.9%
Income	<4k	62.1%	6.9%	27.7%	3.3%
	>4k	69.0%	3.2%	24.1%	3.7%
<b>Total</b>		<b>65.3%</b>	<b>5.35</b>	<b>25.4%</b>	<b>4.0%</b>

# Government Effort in Handling Climate Change

		Very Satisfied	Somewhat Satisfied	Somewhat Dissatisfied	Very Dissatisfied	DK/NR
Ethnicity	Malay	9.1%	36.5%	31.1%	14.9%	8.5%
	Chinese	3.6%	13.2%	31.7%	28.6%	22.9%
	Indian	2.3%	38.4%	25.6%	29.1%	4.7%
	Bumiputra	10.8%	41.2%	23.6%	12.8%	11.5%
Age Group	<40	4.6%	31.2%	31.6%	23.3%	9.4%
	>40	8.9%	29.7%	28.9%	17.3%	15.1%
Education	Non-College	10.0%	31.0%	28.9%	14.6%	15.4%
	College	2.6%	29.2%	31.4%	28.1%	8.6%
Region	North	8.8%	25.3%	33.5%	20.3%	12.1%
	East	10.1%	40.1%	23.2%	15.9%	10.6%
	Central	4.9%	25.6%	31.5%	24.3%	13.8%
	South	3.8%	29.6%	35.0%	20.0%	11.7%
	Sabah & Sarawak	11.7%	35.1%	24.5%	13.3%	15.4%
Income	<4k	9.7%	34.5%	29.0%	14.4%	12.4%
	>4k	3.7%	26.5%	35.0%	25.9%	8.8%
<b>Total</b>		<b>7.2%</b>	<b>30.3%</b>	<b>30.0%</b>	<b>19.7%</b>	<b>12.8%</b>

Q: How satisfied or not satisfied are you with the federal government effort in handling of climate change?



# Personal Efforts on Environment Protection

		Enough	Not Enough	[Just Nice]	DK/NR
Ethnicity	Malay	33.9%	49.9%	12.0%	4.2%
	Chinese	51.8%	27.7%	18.2%	2.3%
	Indian	20.9%	54.7%	20.9%	3.5%
	Bumiputra	39.2%	40.5%	16.9%	3.4%
Age Group	<40	39.5%	43.2%	14.3%	2.9%
	>40	38.5%	42.1%	15.5%	3.9%
Education	Non-College	39.3%	42.2%	14.0%	4.3%
	College	38.5%	43.1%	16.7%	1.7%
Region	North	32.4%	49.5%	16.5%	1.6%
	East	43.0%	39.6%	12.6%	2.4%
	Central	36.1%	45.3%	14.8%	3.9%
	South	41.7%	40.8%	14.6%	2.9%
	Sabah & Sarawak	43.1%	35.6%	17.6%	3.7%
Income	<4k	38.4%	44.8%	13.2%	3.6%
	>4k	40.4%	42.8%	14.7%	2.1%
<b>Total</b>		<b>38.9%</b>	<b>42.5%</b>	<b>15.1%</b>	<b>3.5%</b>

9 Q:At individual level, how would you say you have done enough or not enough in protecting the environment?