

# Health State Description

**WORLD HEALTH SURVEY**  
**SAUDI ARABIA (KSAWHS)**

**Published 2021**

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# 1. SURVEY BACKGROUND

## 1.1 OBJECTIVES

A second round of WHS+ was implemented in 2019. The Saudi Arabian Ministry of Health (MoH) implemented the survey during 2019 in collaboration with the General Authority for Statistics (GASTAT) and the Saudi Health Council.

The main objective of the Kingdom of Saudi Arabia World Health Survey (KSAWHS 2019) is to provide up-to-date, timely and relevant information on SDGs health-related indicators and WHO indicators, framework programmatic indicators, and socio-demographic stratifies.

## 1.2 METHODOLOGY

The 2019 Kingdom of Saudi Arabia World Health Survey (KSAWHS 2019) was implemented by the MoH and designed to provide up-to-date and reliable

measurement of priority health-related indicators at national level by urban and rural residence, and for each of the 13 administrative areas. The Master Sample Frame (MSF) used for the 2019 KSAWHS was based on the Population and Housing Census of the Kingdom, which was conducted in 2010 by the General Authority of Statistics (GASTAT).

A nationally representative sample of completed interviews with 9,339 households was conducted from the 13 administrative regions according to population size. The KSAWHS 2019 followed a stratified three-stage sample design with a probability proportional to population size, as follows: sampling PSUs at the first stage, then a systematic sampling of households of a fixed size of eight households per PSU at the second stage, and at the third stage, an adult member of the household aged 15+ was selected using a random number generated by the tablet computer at the end of the household interview. A total of 8,912 individual interviews were conducted as a result of stage 3 selection.

All analyses were performed using the survey design and the normalized weights of the households and individuals, so that the results would be representative at the national level as well as the domain level.

Two questionnaires were used in this survey: household, and individual. The questionnaires were based on the WHO's World Health Survey (WHS) questionnaires and the Tunisian 2015 WHS questionnaires (4, 5). Survey indicators were mapped to the Sustainable Development Goals (SDGs) and the WHO Global Reference List of 100 Core Health Indicators, and the questionnaires were further adopted to cover further indicators to meet national priorities.

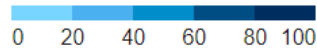
Field supervisors and interviewers were recruited based on the following criteria: 1-Being a physician or nurse (i.e. having a bachelor's degree or above in medicine or nursing); 2-Being proficient in English and Arabic; 3-Having knowledge of the dialects of the region where they will work.

The household questionnaire was administered to the head of the household or the most knowledgeable person of the house if the head of the household was not present at the time of the interview.

Use of tablets/CAPI helped reduce errors and prevent missing data, remove the manual data entry steps and allow for timely monitoring of the quality of the data.

## 1.3 REPORT INDICATORS

### Visual Patchwork



Throughout the report we have used the above visual patchwork to indicate where the key measures lie and for easy benchmarking. The reported figures in %ages would be classified into one of these 5 color coded bands.

### Statistically Significant Differences



Wherever applicable, we have indicated the measures that are significantly different from overall result. A significantly below overall result is indicated in red box and a significantly higher than overall result is indicated in green box. Significance is measured on a 95% level of confidence for sample bases of  $\geq 30$ .

### TopBox Analysis

In order to further deep dive and see result variations, we have also looked at TopBox measures also known as TopBox Analysis. In this analysis, we only look at the %age of responses given to the 'high' end box such as 'Excellent', 'Extremely satisfied' and so on.

### Regional Aggregates

We have clubbed regions into mega regions for further analysis as well as a summary information on a broader basis. As such below categorization was used.

- Central includes Riyadh and Qassim
- Western includes Makkah and Madina
- Eastern includes Eastern Provinces
- Southern includes Asir, Jazan, Najran and Bahah
- Northern includes Tabuk, Hail, Jawf and Northern Borders

## 2. OVERALL RESULTS

### 2.1 GENERAL HEALTH

When asked to rate their general health on a scale of 1-5 where 5 is Excellent, 74.1% respondents rated themselves 'Excellent' at an overall national level.

Central	Western	Eastern	Southern	Northern	Overall
72.3	77.3	74.8	74.0	67.3	74.1

And when we look at the results across the broader regions, we can see that Western region is significantly higher than the national level while Northern region is significantly lower than the national level.

This gives us, in a snapshot that Northern region is in general behind the overall level and needs specific focus when it comes to population considering their general health in excellent condition.

### 2.2 OVERALL BODY FUNCTIONS AND ACTIVITIES IN LAST 30 DAYS

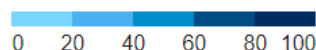
General health related question was followed by a series of questions related to different functions of the body in terms of level of difficulty in performing them during the last 30 days. Answers were taken on a scale from 'None' to 'extremely' difficult. Results of those who mentioned 'None' to these questions are listed in ascending order in Table 2.1.

At a national level, self-care such as washing and dressing, tops the list of activities where respondents have least difficulty. And on the other end, 'learning a new task' has 55.3% respondents mentioning that they have 'none' of the difficulty which is the lowest in all the activities.

This is concerning because it means around 44.7% do have some level of difficulty in learning new tasks. Table 2.1 shows list of activities in order of less difficult in performing to more difficult.

**Table 2.1 National Level. % of respondents who mentioned having no difficulty in bodily functions**

Self-care (washing and dressing)	92.7
Taking care of and maintaining general appearance	90.2
Seeing an object at arms length or reading	87.1
Personal relationships or participation in community	85.6
Moving around	84.1
Making new friendships	83.9
Work and household activities in the last 30 days	83.7
Seeing and recognizing a known person across road	82.2
Concentrating or remembering	82.2
Difficulty 'dealing with strangers	80.4
Dealing with conflicts and tensions	80.3
Feeling sad, low or depressed	77.5
Sleeping	76.9
Amount of 'bodily aches and pains'	76.1
Vigorous activity	74.6
Amount of 'bodily discomfort'	73.7
Worry or anxiety	73.7
Feeling rested and refreshed	73.5
Learning a new task	55.3



## 2.3 REGIONAL ANALYSIS OF BODILY FUNCTIONS AND ACTIVITIES IN LAST 30 DAYS

A detailed analysis using significance testing at 95% confidence interval shows that regional differences exist when it comes to difficulty in performing bodily functions and activities in last 30 days.

### Ranked No. 1 Eastern Region

This is the best performing region compared to others with only one area 'Difficulty with 'sleeping' as lower performing than overall. For the rest of most areas measured, we can see Eastern region is significantly ahead of the overall average.

### Ranked No. 2 Central Region

This is the second best performing region since there are only two areas that are behind overall average including 'seeing and recognizing a person across the road' and 'learning a new task'. In 8 out of 20 areas, this region is significantly ahead of the overall level.

### Ranked No. 3 Western Region

Western region is in third place since it is behind overall average in 5 areas. And all of these lower performing areas are different from both Central and Eastern regions, making them region-specific issues. The lowest performance of these areas is 'worry and anxiety' at 67.7%.

### Ranked No. 4 Northern Region

It is one of the bottom two regions that are significantly lagging behind overall. There are 8 areas where it is behind overall with 'learning a new task' being the lowest performing at 48%. This is also the region where we saw earlier, respondents rating of themselves as 'excellent health' is significantly behind the overall level.

### Ranked No. 5 Southern Region

This is the least performing region with 14 areas significantly behind overall level. There is none of the area that is ahead of overall. The lowest performing areas include learning a new task, worry or anxiety and feeling rested and refreshed.

**Table 2.2 Regional overview of bodily functions and activities in last 30 days**

TopBox Analysis of bodily functions and activities	Overall	Central	Western	Eastern	Southern	Northern
Sample base	8912	2709	2921	1149	1401	731
<b>General health rating (Excellent%)</b>	<b>74.1</b>	<b>72.3</b>	<b>77.3</b>	<b>74.8</b>	<b>74.0</b>	<b>67.3</b>
Difficulty with 'self-care (washing and dressing)' (None%)	92.7	94.5	93.4	94.3	85.4	94.9
Difficulty with 'taking care of and maintaining general appearance' (None%)	90.2	91.6	92.7	94.8	80.2	87.5
Difficulty with 'seeing an object at arm's length or reading' (None%)	87.1	88.3	86.9	89.8	81.6	89.2
Difficulty with 'personal relationships or participation in the community' (None%)	85.6	86.4	87.7	91.4	77.8	80.3
Difficulty with 'moving around' (None%)	84.1	85.5	85.6	86.7	77.3	82.0
Difficulty with 'making new friendships' (None%)	83.9	83.1	86.6	90.0	77.7	78.5
Difficulty with 'work and household activities' in the last 30 days (None%)	83.7	86.1	82.1	86.0	78.9	86.3
Difficulty with 'seeing and recognizing a known person across road (20m)' (None%)	82.2	80.3	82.0	86.4	79.9	87.6
Difficulty with 'concentrating or remembering' (None%)	82.2	83.5	81.0	88.6	77.9	79.8
Difficulty 'dealing with strangers' (None%)	80.4	79.6	82.2	87.1	75.0	75.8
Difficulty with 'dealing with conflicts and tensions' (None%)	80.3	81.2	79.1	89.2	75.6	76.6
Difficulty with 'feeling sad, low or depressed' (None%)	77.5	79.7	74.2	85.4	74.7	75.9
Difficulty with 'sleeping' (None%)	76.9	79.1	75.8	73.6	77.4	77.5
Amount of 'bodily aches and pains' (None%)	76.1	79.4	73.7	77.4	75.0	73.4
Difficulty with 'vigorous activity' (None%)	74.6	74.3	72.0	76.9	75.9	79.8
Amount of 'bodily discomfort' (None%)	73.7	77.3	71.4	77.2	70.8	69.4
Difficulty with 'worry or anxiety' (None%)	73.7	76.3	67.7	83.6	72.9	73.2
Difficulty with 'feeling rested and refreshed' (None%)	73.5	74.7	72.2	75.7	73.2	70.9
Difficulty with 'learning a new task' (None%)	55.3	49.9	67.4	64.3	35.9	48.0

■ Significantly higher overall result      ■ Significantly below overall result

## 2.4 DEMOGRAPHIC ANALYSIS OF BODILY FUNCTIONS AND ACTIVITIES IN LAST 30 DAYS

A detailed analysis using significance testing at 95% confidence interval shows that demographic differences exist when it comes to difficulty in performing bodily functions and activities in last 30 days.

### By Age

We can clearly see that younger age from 15-44 year old are significantly higher in terms of performing bodily functions compared to the older age group of 45 and above. This age group of 15-44 year old is also ahead of overall average in terms of 'learning new tasks'. Generally, we can see the ability to perform bodily functions is declining from younger to older age groups.

### By Gender

There is no significant difference in general health across genders and we see the differences when it comes to specific bodily functions and activities. Males are significantly ahead of overall while females are significantly below in most of the bodily functions and activities.

### By Nationality

There is no significant difference in general health across nationality and we see the differences when it comes to specific bodily functions and activities. Non-Saudi nationals show significantly higher than overall bodily functions in 8 areas.

### By Urbanization

There is no significant difference in general health across Urban Rural geographics but we see the differences when it comes to specific bodily functions and activities. Rural is behind in self-care, maintaining general appearance, personal relationships or community participation, dealing with strangers and learning a new task.

**Table 2.3 Demographic overview of bodily functions and activities in last 30 days**

TopBox Analysis of bodily functions and activities	Overall	BY AGE GROUP				BY GENDER		BY NATIONALITY		BY URBANIZATION	
		15-29	30-44	45-59	60+	Male	Female	Saudi	Non-Saudi	Urban	Rural
		Y	Y	Y	Y						
Sample base	8912	3353	3755	1256	549	4694	4218	7777	1135	7687	1225
<b>General health rating</b>	<b>74.1</b>	<b>84.4</b>	<b>77.7</b>	<b>57.5</b>	<b>25.3</b>	<b>75.1</b>	<b>73.0</b>	<b>74.1</b>	<b>74.5</b>	<b>73.7</b>	<b>76.7</b>
Difficulty with 'self-care (washing and dressing)' (None%)	92.7	97.4	95.9	86.8	55.5	93.7	91.6	92.6	93.7	93.1	90.6
Difficulty with 'taking care of and maintaining general appearance' (None%)	90.2	94.9	92.2	86.5	57.1	90.9	89.5	90.1	91.5	90.8	86.8
Difficulty with 'seeing an object at arm's length or reading' (None%)	87.1	95.1	91.5	71.5	43.0	87.5	86.6	87.0	87.6	87.0	87.4
Difficulty with 'personal relationships or participation in the community' (None%)	85.6	90.4	87.5	82.0	51.2	86.9	84.2	85.4	86.7	85.9	83.5
Difficulty with 'moving around'	84.1	92.4	88.5	72.0	30.6	86.3	81.6	83.7	86.5	84.1	83.9
Difficulty with 'making new friendships' (None%)	83.9	88.4	85.4	80.4	53.5	85.4	82.2	83.6	85.5	84.1	82.7
Difficulty with 'work and household activities' in the last 30 days	83.6	92.0	88.7	68.4	33.4	87.1	79.8	83.1	87.2	83.4	85.5
Difficulty with 'seeing and recognising a known person across the road (20m)' (None%)	82.2	88.8	86.6	71.7	35.2	82.7	81.6	82.3	81.0	81.8	84.5
Difficulty with 'concentrating or remembering' (None%)	82.2	89.7	84.7	73.7	37.9	84.4	79.7	81.7	85.6	82.2	82.1
Difficulty 'dealing with strangers' (None%)	80.4	83.4	81.8	78.8	56.7	83.0	77.6	80.2	81.9	81.0	76.7
Difficulty with 'dealing with conflicts and tensions' (None%)	80.3	84.7	82.8	75.5	47.0	82.7	77.6	79.9	82.9	80.3	80.4
Difficulty with 'feeling sad, low or depressed' (None%)	77.5	82.4	79.7	70.3	49.2	80.6	74.1	77.5	77.8	77.1	79.9
Difficulty with 'sleeping' (None%)	76.9	85.0	78.2	68.3	38.0	78.7	74.8	76.3	81.1	76.2	81.4
Amount of 'bodily aches and pains' (None%)	76.1	86.7	80.1	59.7	20.8	79.3	72.5	75.3	81.2	76.0	76.7
Difficulty with 'vigorous activity'	74.5	83.1	80.1	57.5	24.0	77.2	71.6	74.2	76.9	74.1	77.7
Amount of 'bodily discomfort' (None%)	73.7	83.7	76.8	60.4	21.5	76.1	71.0	73.0	78.1	73.8	73.1
Difficulty with 'worry or anxiety' (None%)	73.7	78.2	76.1	66.7	45.2	76.7	70.3	73.7	73.2	73.0	77.4
Difficulty with 'feeling rested and refreshed' (None%)	73.4	81.1	75.8	64.3	31.2	75.9	70.7	73.2	75.3	73.4	74.2
Difficulty with 'learning a new task' (None%)	55.3	69.8	60.5	52.1	25.9	55.4	55.2	54.5	61.9	56.8	45.7

■ Significantly higher overall result      ■ Significantly below overall result



## 3. REGIONAL DEEP DIVE

### 3.1 Central Region

General health is significantly higher in Qassim over Central overall average at 81.5% while Riyadh is at 70.9.

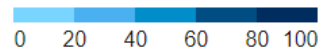
	Central Overall	Riyadh	Qassim
Base	2709	2346	363
% Excellent	72.3	70.9	81.5

Qassim is also significantly ahead of Central overall in 13 bodily function activities. Overall Central low in 'seeing and recognizing a person you know across the road (20m)' seem to be driven by Riyadh, since Qassim is significantly ahead on this measure.

Learning a new task is equally low in both Riyadh and Qassim. However, there are a number of areas where Riyadh is much behind Qassim such as feeling rested and refreshed, worry or anxiety and so on, which could be possibly due to the more hectic and urbanized lifestyle of Riyadh.

**Table 3.1 Central Level. % of respondents who mentioned having no difficulty in bodily functions**

	Riyadh	Qassim
Self-care (washing and dressing)	94.9	91.5
Taking care of and maintaining general appearance	91.9	89.0
Seeing an object at arms length or reading	88.5	87.1
Personal relationships or participation in community	85.7	90.9
Work and household activities in the last 30 days	85.7	88.5
Moving around	85.3	86.5
Concentrating or remembering	82.5	89.8
Making new friendships	82.2	88.7
Dealing with conflicts and tensions	80.4	86.0
Seeing and recognizing a known person across road	79.1	88.2
Difficulty 'dealing with strangers	78.5	87.9
Feeling sad, low or depressed	78.4	88.2
Amount of 'bodily aches and pains'	78.4	86.2
Sleeping	77.6	88.4
Amount of 'bodily discomfort'	76.1	85.1
Worry or anxiety	74.9	85.2
Feeling rested and refreshed	73.0	85.7
Vigorous activity	72.5	85.7
Learning a new task	49.7	50.8



## Central By Demographics

### By Gender

There are no significant difference in general health across gender but for Qassim we can see Females (77.8%) are significantly below Males (84.6%).

### By Nationality

Saudi nationals are lower in general health at 71.0% compared to Qassim at 81.3%. Syrians, Egyptians and Filipino nationals have shown below 70% general health rating overall.

### By Marital Status

Overall, never married have mentioned 83.6% excellent health in Central region while currently married are at 70.1%. Divorced and widowed are much below in the rating at 61.3% and 45.3% respectively.



## 3.2 Western Region

Western region itself is significantly higher than overall national levels in general health but we don't see significant differences between Makkah and Madinah within the Western region.

	Western Overall	Makkah	Madinah
Base	2923	2258	665
% Excellent	77.3	76.4	80.3

Looking at the bodily functions and activities, we can see Madinah has more responses in the top zone of more than 80% compared to Makkah. The two regions differ more in terms of amount of bodily discomfort, vigorous activity and worry or anxiety with Madinah in better health shape. However, Makkah is ahead of Madinah when it comes to learning a new task score. Feeling rested and refreshed and learning a new task are the only two areas that are low for Madinah.

**Table 3.2 Western Region. % of respondents who mentioned having no difficulty in bodily functions**

	Makkah	Madinah
Self-care (washing and dressing)	94.2	90.8
Taking care of and maintaining general appearance	93.7	89.8
Personal relationships or participation in community	88.4	85.4
Making new friendships	87.4	83.7
Seeing an object at arms length or reading	86.5	88.1
Moving around	84.6	88.7
Difficulty 'dealing with strangers	82.6	80.8
Seeing and recognizing a known person across road	80.3	87.8
Work and household activities in the last 30 days	80.0	89.3
Concentrating or remembering	78.8	88.6
Dealing with conflicts and tensions	78.2	82.2
Sleeping	73.0	85.3
Feeling sad, low or depressed	71.2	84.3
Amount of 'bodily aches and pains'	70.7	83.4
Feeling rested and refreshed	70.0	79.8
Learning a new task	69.9	48.7
Amount of 'bodily discomfort'	67.6	84.2
Vigorous activity	67.0	88.9
Worry or anxiety	63.6	81.8



## Western By Demographics

### By Gender

There are no significant difference in general health across gender though we see Females in Madinah having the highest score in general health within Western region.

	Western Overall	Makkah	Madinah
Males	76.5	75.4	79.7
Females	78.2	77.3	81.7

### By Nationality

Madinah residents generally consider themselves in better health versus those in Makkah with Saudi nationals in Madinah having the highest general health rating.

	Western Overall	Makkah	Madinah
Saudi	77.5	76.6	81.7
Non-Saudi	76.4	75.1	78.2

### By Marital Status

Overall, general health has a declining trend from never married to currently married followed by separated/divorced and least health reported by the widowed segment. Madinah has above average health compared to Western overall region.

	Western Overall	Makkah	Madinah
Never married	81.8	80.9	86.7
Currently married	78.2	76.8	82.2
Separated/ Divorced	67.3	65.4	72.4
Widowed	31.7	32.9	29.0

### By Employment Status

General health seem to be better for those who have never been employed followed by those employed and least for those who are currently unemployed.

	Western Overall	Makkah	Madinah
Employed	78.6	76.6	84.0
Unemployed	65.0	62.9	73.3
Never employed	80.5	81.1	77.9

### 3.3 Eastern Region

Eastern region is not significantly different from the national levels and is marginally ahead. There are no sub-regional data within Eastern for further analysis.

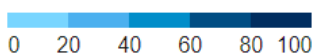
	Overall	Eastern Overall
% Excellent	74.1	74.8

Looking at the bodily functions and activities, we can see Eastern region has done well even on the lower performing areas such as learning new tasks.

Certain bodily functions that showed below 80% mentions in Excellent ratings are bodily aches and pains, bodily comfort, vigorous activity, feeling rested and refreshed, sleeping and learning a new task.

**Table 3.3 Eastern Region. % of respondents who mentioned having no difficulty in bodily functions**

	Eastern
Taking care of and maintaining general appearance	94.8
Self-care (washing and dressing)	94.3
Personal relationships or participation in community	91.4
Making new friendships	90.0
Seeing an object at arms length or reading	89.8
Dealing with conflicts and tensions	89.2
Concentrating or remembering	88.6
Difficulty 'dealing with strangers	87.1
Moving around	86.7
Seeing and recognizing a known person across road	86.4
Work and household activities in the last 30 days	86.0
Feeling sad, low or depressed	85.4
Worry or anxiety	83.6
Amount of 'bodily aches and pains'	77.4
Amount of 'bodily discomfort'	77.2
Vigorous activity	76.9
Feeling rested and refreshed	75.7
Sleeping	73.6
Learning a new task	64.3



### Eastern By Demographics

#### By Gender

Higher proportion of males at 78.2% have reported being in 'excellent' health condition in Eastern region compared to Females at 71.8%.

	Eastern
Males	78.2
Females	71.8

#### By Nationality

There are no significant differences in general health across nationality and both are almost in similar condition reported.

	Eastern
Saudi	74.8
Non-Saudi	74.3

#### By Marital Status

General health has a declining trend from never married to currently married followed by separated/divorced and least health reported by the widowed segment. Widowed have very low general health condition which is concerning.

	Eastern
Never married	85.0
Currently married	74.8
Separated/ Divorced	60.0
Widowed	19.4

#### By Employment Status

General health seem to be better for those who are employed and never employed and it declines for those who are currently unemployed.

	Eastern
Employed	79.3
Unemployed	59.7
Never employed	73.7

### 3.4 Southern Region

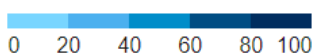
Southern region overall is at par national levels in general health being excellent. Within Southern region, we see Najran is significantly below Southern overall levels, while for rest they seem to be at par the regional average.

	Southern Overall	Asir	Jizan	Najran	Bahah
Base	1401	645	410	193	154
% Excellent	74.0	75.8	76.1	65.8	70.8

Looking at the bodily functions and activities, we noted earlier that Southern is the lowest performing region overall when we compare with other regions. And within Southern, we can see Asir being the only region that performed better than others with more responses in the top zone of more than 80% compared to others. There are many areas that are below 80% for Jizan, Najran and Bahah as highlighted below. Learning new tasks is the lowest performing area across Southern region.

**Table 3.4 Southern Region. % of respondents who mentioned having no difficulty in bodily functions**

	Asir	Jizan	Najran	Bahah
Self-care (washing and dressing)	88.8	83.6	82.0	79.9
Seeing an object at arms length or reading	80.8	83.4	83.9	77.8
Taking care of and maintaining general appearance	85.4	78.0	67.9	80.4
Seeing and recognizing a known person across road	80.6	82.0	78.9	72.7
Work and household activities in the last 30 days	82.9	77.8	74.6	71.2
Personal relationships or participation in community	85.4	72.4	63.7	79.1
Concentrating or remembering	82.6	73.2	73.7	75.8
Making new friendships	86.2	69.6	65.3	80.5
Sleeping	82.2	74.1	68.6	77.1
Moving around	81.1	78.0	66.8	72.1
Vigorous activity	81.1	71.6	72.7	69.9
Dealing with conflicts and tensions	83.7	68.2	61.9	79.1
Amount of 'bodily aches and pains'	80.4	67.6	77.2	70.1
Difficulty 'dealing with strangers'	81.9	70.0	57.4	81.0
Feeling sad, low or depressed	81.5	68.0	62.4	79.2
Feeling rested and refreshed	82.3	67.5	56.2	72.5
Worry or anxiety	80.9	65.4	57.7	78.3
Amount of 'bodily discomfort'	78.3	63.3	62.4	70.6
Learning a new task	44.1	32.7	35.0	17.8



### Southern By Demographics

#### By Gender

In general, Males reported better health condition compared to Females. However, we see males are significantly below overall Southern in Najran.

	Southern Overall	Asir	Jizan	Najran	Bahah
Male	76.8	79.5	78.7	64.4	74.3
Female	70.6	70.7	73.2	67.4	67.5

#### By Nationality

Saudi nationals reported lower levels of excellent health in Najran compared to other regions, though not significant. Non-Saudi have higher levels of general health and the difference is higher in Asir.

	Southern Overall	Asir	Jizan	Najran	Bahah
Saudi	73.4	73.8	76.0	68.0	70.9
Non-Saudi	80.0	85.0		Low base	

#### By Marital Status

Overall, general health is best for those who reported never being married. Overall, widowed have least health conditions. Amongst those currently married, we see they reported significantly lower than overall levels in Najran.

	Southern Overall	Asir	Jizan	Najran	Bahah
Never married	84.9	87.7	78.1	82.9	Low base
Currently married	74.3	74.9	79.2	60.3	76.1
Separated/ Divorced	77.5			Low base	
Widowed	24.6			Low base	

#### By Employment Status

General health seem to be better for those who are currently employed followed by those never employed. Amongst employed, significantly low levels are reported from Najran while Bahah reported significantly high levels.

	Southern Overall	Asir	Jizan	Najran	Bahah
Employed	82.8	85.6	82.0	63.5	95.8
Unemployed	59.2	59.5	65.3	51.6	41.9
Never employed	70.7	68.5	75.6	72.7	67.6

## 3.5 Northern Region

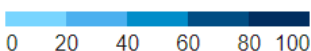
Northern region itself is significantly lower than overall national levels in general health and we can see Tabuk is significantly low within the Northern region. Hail, on the other hand, has reported significantly higher proportions for excellent general health.

	Northern Overall	Tabuk	Hail	Northern Borders	Jawf
Base	731	301	178	87	165
% Excellent	67.2	51.7	84.4	74.7	72.7

Looking at the bodily functions and activities, we can see Hail and Jawf performing better than others with more responses in the top zone of more than 80%. We can see some regional differences such as Hail reported highest response in self-care while for Jawf the highest response is for seeing and recognizing a known person from across the road. We can see certain regions performing better than other regions in certain areas, hence regional differences do exist.

**Table 3.5 Northern Region. % of respondents who mentioned having no difficulty in bodily functions**

	Tabuk	Hail	Northern Borders	Jawf
Self-care (washing and dressing)	95.7	98.3	89.7	92.7
Seeing an object at arms length or reading	87.0	93.2	85.2	92.1
Seeing and recognizing a known person across road	85.4	90.4	79.3	93.3
Taking care of and maintaining general appearance	83.0	98.3	85.1	85.5
Work and household activities	80.8	91.6	89.7	88.4
Moving around	75.3	91.6	83.0	83.6
Personal relationships or participation in community	66.0	97.2	79.1	88.5
Vigorous activity	74.7	82.7	80.2	86.7
Concentrating or remembering	72.1	93.3	71.6	83.6
Making new friendships	64.5	95.5	69.0	90.3
Sleeping	67.1	85.5	77.0	87.8
Dealing with conflicts and tensions	63.1	91.6	68.2	88.5
Feeling sad, low or depressed	60.5	93.8	68.2	89.1
Difficulty 'dealing with strangers'	61.3	92.2	63.6	90.3
Amount of 'bodily aches and pains'	58.0	88.3	75.0	84.2
Worry or anxiety	57.7	92.1	65.5	85.5
Feeling rested and refreshed	57.0	85.6	68.2	81.2
Amount of 'bodily discomfort'	54.7	86.6	72.7	75.3
Learning a new task	38.6	69.0	53.3	62.2



## Northern By Demographics

### By Gender

There are no significant difference in general health across gender though we see Males and Females in Hail reported highest mentions of excellent health, while Tabuk is on the lower end.

	Northern Overall	Tabuk	Hail	Northern Borders	Jawf
Male	70.2	53.3	89.4	74.5	76.9
Female	63.7	49.3	78.4	75.0	68.9

### By Nationality

Within Saudi nationals, Tabuk reported significantly lower levels of health conditions versus overall Northern Saudi. Sample bases are low for Non-Saudis to further analyze by regions. However, overall, we do not see any significant differences.

	Northern Overall	Tabuk	Hail	Northern Borders	Jawf
Saudi	67.3	51.7	84.9	75.6	74
Non-Saudi	65.7				67.6

### By Marital Status

Overall, general health has a declining trend from never married to currently married while separated/divorced and widowed have very low base across Northern region for any statistical reporting. We noted that currently married also enjoy high levels of health in Hail compared to Tabuk and other areas.

	Northern Overall	Tabuk	Hail	Northern Borders	Jawf
Never married	80.1	68.9	89.2	Low base	86.7
Currently married	65.1	48.4	83.7	73.2	70.1
Separated/ Divorced			Low base		
Widowed			Low base		

### By Employment Status

Overall, we do not see large difference by employment status in Northern region. However, Tabuk does seem to be significantly lower than overall Northern for employed and never employed while Hail is significantly better.

	Northern Overall	Tabuk	Hail	Northern Borders	Jawf
Employed	67.7	50.0	87.9	75.7	79.5
Unemployed	64.0		Low base		
Never employed	67.5	53.3	83.3	77.1	67.7

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Table 1: General health rating

Table 2: Difficulty with ‘work and household activities’ in the last 30 days

Table 3: Difficulty with ‘moving around’

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Table 23: Vision test and aids

**Table 1: General health rating**  
**Percentage distribution of general health rating, according to age, sex, nationality, residence, wealth and region [Saudi Arabia, 2019]**

BACKGROUND CHARACTERISTIC	GENERAL HEALTH RATING						TOTAL	NUMBER OF RESPONDENTS
	EXCELLENT	VERY GOOD	GOOD	FAIR	POOR	DON'T KNOW		
<b>Age</b>								
15-29	84.4	13.7	1.5	0.3	0.1	0.0	100.0	3,353
30-44	77.7	19.4	2.5	0.4	0.0	0.0	100.0	3,755
45-59	57.5	32.3	9.6	0.4	0.1	0.1	100.0	1,256
60-69	33.5	39.0	24.1	3.0	0.0	0.4	100.0	362
70-79	11.3	25.8	53.2	7.9	0.8	1.0	100.0	135
80+	4.4	32.8	34.2	23.7	4.9	0.0	100.0	52
<b>Sex</b>								
Male	75.1	19.9	4.3	0.6	0.1	0.0	100.0	4,694
Female	73.0	20.2	5.7	0.9	0.2	0.1	100.0	4,218
<b>Nationality</b>								
Saudi	74.1	19.8	5.2	0.8	0.1	0.0	100.0	7,777
Non-Saudi	74.5	21.6	3.6	0.2	0.0	0.1	100.0	1,135
<b>Residence</b>								
Urban	73.7	20.5	5.0	0.6	0.1	0.1	100.0	7,687
Rural	76.7	17.0	4.7	1.3	0.3	0.0	100.0	1,225
<b>Wealth Quintile</b>								
Lowest	78.3	16.9	3.8	0.7	0.3	0.1	100.0	2,169
Second	74.2	19.0	5.8	0.9	0.1	0.0	100.0	1,918
Middle	75.6	19.2	4.2	1.0	0.0	0.0	100.0	1,694
Fourth	71.5	22.9	5.0	0.5	0.0	0.1	100.0	1,626
Highest	69.1	23.9	6.4	0.4	0.1	0.1	100.0	1,505
<b>Region</b>								
Riyadh	70.9	24.6	4.2	0.2	0.1	0.0	100.0	2,345
Makkah	76.4	17.7	5.1	0.7	0.1	0.0	100.0	2,257
Madinah	80.4	14.3	3.9	0.5	0.4	0.4	100.0	664
Qasim	81.3	14.2	4.2	0.1	0.0	0.3	100.0	364
Eastern Province	74.8	17.3	6.7	1.1	0.1	0.0	100.0	1,149
Asir	75.9	16.4	6.8	0.9	0.0	0.0	100.0	644
Tabuk	51.7	41.2	6.4	0.8	0.0	0.0	100.0	300
Hail	84.4	13.4	2.1	0.2	0.0	0.0	100.0	179
Northern Borders	74.9	20.4	3.6	0.9	0.3	0.0	100.0	87
Jizan	76.1	18.2	5.0	0.7	0.0	0.0	100.0	410
Najran	65.4	31.6	2.2	0.7	0.0	0.0	100.0	194
Bahah	71.3	13.5	6.2	7.0	1.9	0.0	100.0	153
Jawf	73.0	22.8	3.4	0.5	0.0	0.2	100.0	165
<b>Total</b>	<b>74.1</b>	<b>20.1</b>	<b>5.0</b>	<b>0.7</b>	<b>0.1</b>	<b>0.1</b>	<b>100.0</b>	<b>8,912</b>

**Table 2: Difficulty with ‘work and household activities’ in the last 30 days**  
**Percentage distribution of difficulty with ‘work and household activities’ in the last 30 days, according to age, sex, nationality, residence, wealth and region [Saudi Arabia, 2019].**

BACKGROUND CHARACTERISTIC	DIFFICULTY WITH ‘WORK AND HOUSEHOLD ACTIVITIES’						TOTAL	NUMBER OF RESPONDENTS
	NONE	MILD	MODERATE	SEVERE	EXTREME	DON'T KNOW		
<b>Age</b>								
15-29	92.0	5.9	1.6	0.3	0.2	0.1	100.0	3,353
30-44	88.7	7.6	2.9	0.6	0.2	0.1	100.0	3,755
45-59	68.4	20.7	8.9	1.2	0.2	0.6	100.0	1,256
60-69	43.0	26.4	21.4	7.4	0.1	1.7	100.0	362
70-79	18.5	24.2	34.0	15.7	3.5	4.0	100.0	135
80+	5.5	25.1	27.2	34.9	6.5	0.8	100.0	52
<b>Sex</b>								
Male	87.1	7.9	3.4	1.0	0.2	0.3	100.0	4,694
Female	79.8	12.1	6.0	1.5	0.4	0.2	100.0	4,218
<b>Nationality</b>								
Saudi	83.1	10.0	4.9	1.4	0.3	0.3	100.0	7,777
Non-Saudi	87.2	9.0	2.9	0.4	0.2	0.3	100.0	1,135
<b>Residence</b>								
Urban	83.4	10.0	4.9	1.2	0.3	0.3	100.0	7,687
Rural	85.5	9.5	3.1	1.8	0.1	0.1	100.0	1,225
<b>Wealth Quintile</b>								
Lowest	86.5	8.4	3.7	1.0	0.2	0.1	100.0	2,169
Second	83.1	10.4	4.7	1.4	0.3	0.2	100.0	1,918
Middle	84.3	9.7	4.3	0.9	0.5	0.2	100.0	1,694
Fourth	83.2	9.7	5.0	1.6	0.3	0.2	100.0	1,626
Highest	80.2	11.9	5.7	1.3	0.0	0.7	100.0	1,505
<b>Region</b>								
Riyadh	85.7	10.2	2.4	1.1	0.2	0.5	100.0	2,345
Makkah	80.0	11.6	6.5	1.4	0.4	0.1	100.0	2,257
Madinah	89.3	5.8	3.3	1.3	0.1	0.2	100.0	664
Qasim	88.6	7.1	3.2	0.1	0.3	0.8	100.0	364
Eastern Province	86.0	6.7	5.2	1.2	0.5	0.4	100.0	1,149
Asir	82.9	10.8	5.5	0.7	0.1	0.0	100.0	644
Tabuk	81.2	8.8	8.0	1.5	0.2	0.2	100.0	300
Hail	91.6	5.1	2.3	0.9	0.0	0.2	100.0	179
Northern Borders	89.7	5.7	3.0	1.6	0.0	0.0	100.0	87
Jizan	77.9	14.1	6.8	0.5	0.4	0.3	100.0	410
Najran	74.4	20.4	4.2	1.0	0.0	0.0	100.0	194
Bahah	70.9	11.7	6.6	10.7	0.2	0.0	100.0	153
Jawf	87.9	9.0	2.6	0.0	0.2	0.2	100.0	165
<b>Total</b>	<b>83.7</b>	<b>9.9</b>	<b>4.6</b>	<b>1.3</b>	<b>0.3</b>	<b>0.3</b>	<b>100.0</b>	<b>8,912</b>



**Table 3: Difficulty with ‘moving around’**  
 Percentage distribution of difficulty with ‘moving around’ in the last 30 days, according to age, sex, nationality, residence, wealth and region [Saudi Arabia, 2019].

BACKGROUND CHARACTERISTIC	DIFFICULTY WITH ‘MOVING AROUND’						TOTAL	NUMBER OF RESPONDENTS
	NONE	MILD	MODERATE	SEVERE	EXTREME	DON'T KNOW		
<b>Age</b>								
15-29	92.4	6.1	1.0	0.4	0.1	0.0	100.0	3,353
30-44	88.5	8.4	2.6	0.3	0.1	0.0	100.0	3,755
45-59	72.0	18.9	7.2	1.6	0.1	0.2	100.0	1,256
60-69	39.4	35.3	18.6	6.5	0.2	0.0	100.0	362
70-79	16.5	22.9	41.5	17.0	2.1	0.0	100.0	135
80+	5.8	18.1	32.6	40.7	2.0	0.8	100.0	52
<b>Sex</b>								
Male	86.3	9.4	3.2	0.9	0.2	0.0	100.0	4,694
Female	81.6	11.4	5.1	1.6	0.1	0.1	100.0	4,218
<b>Nationality</b>								
Saudi	83.7	10.6	4.1	1.4	0.1	0.0	100.0	7,777
Non-Saudi	86.5	9.0	3.8	0.4	0.2	0.0	100.0	1,135
<b>Residence</b>								
Urban	84.1	10.3	4.3	1.2	0.1	0.0	100.0	7,687
Rural	83.9	11.0	3.1	1.8	0.3	0.0	100.0	1,225
<b>Wealth Quintile</b>								
Lowest	86.7	8.0	3.8	1.3	0.1	0.0	100.0	2,169
Second	81.9	12.4	4.3	1.4	0.1	0.0	100.0	1,918
Middle	84.5	10.2	3.9	1.0	0.3	0.0	100.0	1,694
Fourth	85.2	8.8	4.5	1.4	0.1	0.0	100.0	1,626
Highest	81.3	13.1	4.1	1.2	0.0	0.2	100.0	1,505
<b>Region</b>								
Riyadh	85.3	10.7	3.0	0.9	0.0	0.1	100.0	2,345
Makkah	84.6	8.6	5.2	1.4	0.1	0.0	100.0	2,257
Madinah	88.9	6.7	2.7	1.4	0.3	0.0	100.0	664
Qasim	86.6	8.2	3.5	1.3	0.0	0.4	100.0	364
Eastern Province	86.7	8.1	3.6	1.3	0.3	0.0	100.0	1,149
Asir	81.1	13.2	4.5	1.1	0.1	0.0	100.0	644
Tabuk	75.1	14.1	10.0	0.8	0.0	0.0	100.0	300
Hail	91.7	5.4	1.4	0.9	0.6	0.0	100.0	179
Northern Borders	83.1	13.0	3.1	0.2	0.6	0.0	100.0	87
Jizan	78.2	16.0	4.9	0.7	0.3	0.0	100.0	410
Najran	66.7	29.6	2.6	1.2	0.0	0.0	100.0	194
Bahah	72.2	11.6	6.5	9.6	0.0	0.0	100.0	153
Jawf	83.5	13.5	2.8	0.0	0.2	0.0	100.0	165
<b>Total</b>	<b>84.1</b>	<b>10.4</b>	<b>4.1</b>	<b>1.3</b>	<b>0.1</b>	<b>0.0</b>	<b>100.0</b>	<b>8,912</b>

**Table 4: Difficulty with ‘vigorous activity’**  
**Percentage distribution of difficulty with ‘vigorous activity’ in the last 30 days,**  
**according to age, sex, nationality, residence, wealth and region [Saudi Arabia, 2019].**

BACKGROUND CHARACTERISTIC	DIFFICULTY WITH ‘VIGOROUS ACTIVITY’						TOTAL	NUMBER OF RESPONDENTS
	NONE	MILD	MODERATE	SEVERE	EXTREME	DON'T KNOW		
<b>Age</b>								
15-29	83.1	10.2	3.8	0.6	0.2	2.1	100.0	3,353
30-44	80.1	11.8	4.8	1.0	0.5	1.9	100.0	3,755
45-59	57.5	22.8	12.2	4.1	0.8	2.6	100.0	1,256
60-69	31.1	26.1	19.4	12.9	5.6	4.8	100.0	362
70-79	12.2	22.1	23.7	20.2	13.5	8.3	100.0	135
80+	4.7	19.6	17.4	37.3	18.9	2.1	100.0	52
<b>Sex</b>								
Male	77.2	12.6	5.6	1.8	0.9	1.9	100.0	4,694
Female	71.6	14.5	7.2	2.8	1.1	2.7	100.0	4,218
<b>Nationality</b>								
Saudi	74.2	13.4	6.6	2.4	1.0	2.3	100.0	7,777
Non-Saudi	76.9	14.1	4.9	1.3	0.8	2.0	100.0	1,135
<b>Residence</b>								
Urban	74.1	13.6	6.6	2.3	1.0	2.4	100.0	7,687
Rural	77.7	13.1	5.2	2.4	0.5	1.2	100.0	1,225
<b>Wealth Quintile</b>								
Lowest	78.7	10.0	4.3	1.9	0.9	4.2	100.0	2,169
Second	71.9	16.9	6.7	2.0	0.8	1.6	100.0	1,918
Middle	76.5	12.7	6.4	2.0	1.0	1.4	100.0	1,694
Fourth	74.1	13.6	7.7	2.4	1.3	0.9	100.0	1,626
Highest	70.3	14.9	7.6	3.5	0.9	2.8	100.0	1,505
<b>Region</b>								
Riyadh	72.5	14.5	6.8	2.0	1.1	3.0	100.0	2,345
Makkah	67.0	16.3	8.4	2.7	1.0	4.6	100.0	2,257
Madinah	88.8	6.5	2.2	1.2	1.1	0.2	100.0	664
Qasim	85.8	8.2	3.8	0.4	0.8	0.9	100.0	364
Eastern Province	76.9	11.0	6.2	3.5	1.5	0.9	100.0	1,149
Asir	81.1	11.7	4.8	1.0	0.2	1.1	100.0	644
Tabuk	74.6	12.3	9.7	2.6	0.4	0.4	100.0	300
Hail	82.7	8.5	6.2	2.2	0.4	0.0	100.0	179
Northern Borders	79.2	14.0	3.7	2.8	0.3	0.0	100.0	87
Jizan	71.5	18.6	6.3	2.3	0.3	1.1	100.0	410
Najran	72.8	22.1	3.3	1.3	0.0	0.5	100.0	194
Bahah	69.6	12.5	6.7	9.3	1.9	0.0	100.0	153
Jawf	86.4	10.2	2.5	0.1	0.8	0.0	100.0	165
<b>Total</b>	<b>74.6</b>	<b>13.5</b>	<b>6.4</b>	<b>2.3</b>	<b>1.0</b>	<b>2.3</b>	<b>100.0</b>	<b>8,912</b>

**Table 5: Difficulty with ‘self-care (washing and dressing)’**  
**Percentage distribution of difficulty with ‘self-care (washing and dressing)’ in the last 30 days, according to age, sex, nationality, residence, wealth and region [Saudi Arabia, 2019].**

BACKGROUND CHARACTERISTIC	DIFFICULTY WITH ‘TAKING CARE OF AND MAINTAINING GENERAL APPEARANCE’						TOTAL	NUMBER OF RESPONDENTS
	NONE	MILD	MODERATE	SEVERE	EXTREME	DON'T KNOW		
<b>Age</b>								
15-29	97.4	2.0	0.4	0.1	0.1	0.0	100.0	3,353
30-44	95.9	3.4	0.5	0.0	0.1	0.1	100.0	3,755
45-59	86.8	10.6	2.1	0.2	0.1	0.1	100.0	1,256
60-69	65.6	19.0	13.6	1.7	0.0	0.0	100.0	362
70-79	41.3	27.3	23.9	4.4	3.1	0.0	100.0	135
80+	22.2	27.4	24.3	14.9	11.3	0.0	100.0	52
<b>Sex</b>								
Male	93.7	4.4	1.2	0.4	0.2	0.1	100.0	4,694
Female	91.6	5.7	2.3	0.1	0.2	0.1	100.0	4,218
<b>Nationality</b>								
Saudi	92.6	5.0	1.8	0.3	0.2	0.1	100.0	7,777
Non-Saudi	93.7	4.7	1.2	0.1	0.2	0.1	100.0	1,135
<b>Residence</b>								
Urban	93.1	4.7	1.6	0.3	0.2	0.1	100.0	7,687
Rural	90.6	6.9	2.2	0.2	0.1	0.0	100.0	1,225
<b>Wealth Quintile</b>								
Lowest	92.1	5.3	1.9	0.3	0.2	0.2	100.0	2,169
Second	93.2	5.0	1.4	0.3	0.1	0.0	100.0	1,918
Middle	93.3	4.6	1.5	0.2	0.4	0.0	100.0	1,694
Fourth	93.8	3.5	2.2	0.2	0.4	0.0	100.0	1,626
Highest	91.2	6.7	1.6	0.5	0.0	0.1	100.0	1,505
<b>Region</b>								
Riyadh	94.9	3.6	0.9	0.3	0.1	0.1	100.0	2,345
Makkah	94.2	3.5	1.9	0.2	0.2	0.1	100.0	2,257
Madinah	90.7	6.3	1.6	0.5	0.7	0.2	100.0	664
Qasim	91.7	5.9	1.6	0.3	0.2	0.3	100.0	364
Eastern Province	94.3	3.6	1.4	0.3	0.4	0.0	100.0	1,149
Asir	88.8	7.7	3.3	0.2	0.1	0.0	100.0	644
Tabuk	95.7	2.2	2.1	0.0	0.0	0.0	100.0	300
Hail	98.3	0.6	1.1	0.0	0.0	0.0	100.0	179
Northern Borders	89.1	9.7	0.8	0.0	0.5	0.0	100.0	87
Jizan	83.6	12.8	3.1	0.5	0.0	0.0	100.0	410
Najran	82.3	15.8	1.9	0.0	0.0	0.0	100.0	194
Bahah	79.9	11.7	5.8	2.4	0.1	0.0	100.0	153
Jawf	92.9	5.4	1.8	0.0	0.0	0.0	100.0	165
<b>Total</b>	92.7	5.0	1.7	0.3	0.2	0.1	100.0	8,912

**Table 6: Difficulty with ‘taking care of and maintaining general appearance’**  
**Percentage distribution of difficulty with ‘work and household activities’ in the last 30 days, according to age, sex, nationality, residence, wealth and region [Saudi Arabia, 2019].**

BACKGROUND CHARACTERISTIC	DIFFICULTY WITH ‘TAKING CARE OF AND MAINTAINING GENERAL APPEARANCE’						TOTAL	NUMBER OF RESPONDENTS
	NONE	MILD	MODERATE	SEVERE	EXTREME	DON'T KNOW		
<b>Age</b>								
15-29	94.9	3.5	1.2	0.4	0.0	0.0	100.0	3,353
30-44	92.2	6.1	1.5	0.0	0.1	0.0	100.0	3,755
45-59	86.5	10.1	3.1	0.3	0.0	0.1	100.0	1,256
60-69	67.0	22.0	8.0	2.5	0.0	0.4	100.0	362
70-79	42.1	25.6	26.8	2.6	2.9	0.0	100.0	135
80+	26.7	24.1	29.3	14.1	5.9	0.0	100.0	52
<b>Sex</b>								
Male	90.9	6.5	2.0	0.3	0.2	0.0	100.0	4,694
Female	89.5	7.0	2.9	0.5	0.1	0.1	100.0	4,218
<b>Nationality</b>								
Saudi	90.1	6.8	2.5	0.5	0.1	0.0	100.0	7,777
Non-Saudi	91.5	6.4	1.8	0.1	0.2	0.1	100.0	1,135
<b>Residence</b>								
Urban	90.8	6.3	2.2	0.4	0.1	0.1	100.0	7,687
Rural	86.8	9.2	3.6	0.2	0.2	0.0	100.0	1,225
<b>Wealth Quintile</b>								
Lowest	89.8	7.0	2.4	0.6	0.1	0.0	100.0	2,169
Second	90.7	6.2	2.8	0.2	0.0	0.1	100.0	1,918
Middle	90.1	6.7	2.6	0.3	0.3	0.0	100.0	1,694
Fourth	90.8	5.8	2.6	0.6	0.2	0.0	100.0	1,626
Highest	90.0	8.0	1.5	0.3	0.0	0.2	100.0	1,505
<b>Region</b>								
Riyadh	91.9	6.2	1.7	0.2	0.0	0.0	100.0	2,345
Makkah	93.6	4.6	1.2	0.5	0.1	0.0	100.0	2,257
Madinah	89.7	6.8	2.0	0.8	0.6	0.2	100.0	664
Qasim	89.3	8.1	1.8	0.4	0.0	0.3	100.0	364
Eastern Province	94.8	2.9	1.8	0.1	0.3	0.1	100.0	1,149
Asir	85.5	11.1	2.0	1.2	0.2	0.0	100.0	644
Tabuk	83.0	6.4	10.4	0.2	0.0	0.0	100.0	300
Hail	98.5	1.1	0.4	0.0	0.0	0.0	100.0	179
Northern Borders	84.3	9.9	4.7	0.2	0.5	0.5	100.0	87
Jizan	78.1	14.6	7.1	0.3	0.0	0.0	100.0	410
Najran	67.5	25.9	6.4	0.2	0.0	0.0	100.0	194
Bahah	79.9	10.6	7.8	1.5	0.2	0.0	100.0	153
Jawf	85.4	9.7	4.9	0.0	0.0	0.0	100.0	165
<b>Total</b>	<b>90.3</b>	<b>6.7</b>	<b>2.4</b>	<b>0.4</b>	<b>0.1</b>	<b>0.0</b>	<b>100.0</b>	<b>8,912</b>

**Table 7: Amount of ‘bodily aches and pains’**  
**Percentage distribution of the amount of ‘bodily aches and pains’ in the last 30 days,**  
**according to age, sex, nationality, residence, wealth and region [Saudi Arabia, 2019].**

BACKGROUND CHARACTERISTIC	AMOUNT OF ‘BODILY ACHES AND PAINS’						TOTAL	NUMBER OF RESPONDENTS
	NONE	MILD	MODERATE	SEVERE	EXTREME	DON'T KNOW		
<b>Age</b>								
15-29	86.7	10.2	2.1	0.8	0.1	0.0	100.0	3,353
30-44	80.1	14.8	4.3	0.6	0.1	0.1	100.0	3,755
45-59	59.7	26.9	11.2	2.2	0.0	0.0	100.0	1,256
60-69	27.8	37.6	22.3	12.2	0.1	0.0	100.0	362
70-79	8.7	29.9	37.1	21.4	2.9	0.0	100.0	135
80+	4.0	25.8	34.2	30.2	5.9	0.0	100.0	52
<b>Sex</b>								
Male	79.3	14.4	4.6	1.5	0.2	0.0	100.0	4,694
Female	72.5	17.9	7.2	2.3	0.2	0.0	100.0	4,218
<b>Nationality</b>								
Saudi	75.3	16.3	6.3	1.9	0.2	0.0	100.0	7,777
Non-Saudi	81.2	14.4	3.0	1.3	0.1	0.0	100.0	1,135
<b>Residence</b>								
Urban	76.0	15.8	6.2	1.8	0.2	0.0	100.0	7,687
Rural	76.7	17.1	3.9	2.1	0.2	0.0	100.0	1,225
<b>Wealth Quintile</b>								
Lowest	81.2	12.3	4.4	2.0	0.1	0.0	100.0	2,169
Second	73.9	17.4	6.0	2.5	0.1	0.1	100.0	1,918
Middle	75.6	16.4	6.6	1.2	0.1	0.0	100.0	1,694
Fourth	76.1	15.8	6.3	1.6	0.3	0.0	100.0	1,626
Highest	72.0	19.4	6.5	1.8	0.3	0.0	100.0	1,505
<b>Region</b>								
Riyadh	78.4	16.4	3.9	1.2	0.1	0.0	100.0	2,345
Makkah	70.8	17.5	8.6	3.1	0.1	0.0	100.0	2,257
Madinah	83.4	11.2	3.5	1.3	0.6	0.0	100.0	664
Qasim	86.1	9.1	4.2	0.5	0.0	0.0	100.0	364
Eastern Province	77.4	14.1	6.5	1.3	0.4	0.2	100.0	1,149
Asir	80.3	14.1	4.4	1.0	0.2	0.0	100.0	644
Tabuk	58.0	27.0	13.3	1.7	0.0	0.0	100.0	300
Hail	88.2	8.9	1.6	1.3	0.0	0.0	100.0	179
Northern Borders	75.5	17.9	4.8	1.1	0.7	0.0	100.0	87
Jizan	67.6	23.4	6.6	2.4	0.0	0.0	100.0	410
Najran	76.9	18.8	3.3	0.4	0.5	0.0	100.0	194
Bahah	70.3	13.1	7.1	9.5	0.0	0.0	100.0	153
Jawf	84.4	13.1	1.9	0.6	0.0	0.0	100.0	165
<b>Total</b>	<b>76.1</b>	<b>16.0</b>	<b>5.9</b>	<b>1.9</b>	<b>0.2</b>	<b>0.0</b>	<b>100.0</b>	<b>8,912</b>

**Table 8: Amount of ‘bodily discomfort’**  
**Percentage distribution of the amount of ‘bodily discomfort’ in the last 30 days,**  
**according to age, sex, nationality, residence, wealth and region [Saudi Arabia, 2019].**

BACKGROUND CHARACTERISTIC	AMOUNT OF ‘BODILY DISCOMFORT’						TOTAL	NUMBER OF RESPONDENTS
	NONE	MILD	MODERATE	SEVERE	EXTREME	DON'T KNOW		
<b>Age</b>								
15-29	83.7	12.4	3.2	0.6	0.1	0.1	100.0	3,353
30-44	76.8	17.0	5.6	0.4	0.1	0.0	100.0	3,755
45-59	60.4	28.4	10.1	1.1	0.0	0.0	100.0	1,256
60-69	28.4	41.0	24.4	6.2	0.0	0.0	100.0	362
70-79	8.3	32.6	47.2	10.4	1.5	0.0	100.0	135
80+	7.5	17.2	38.8	36.5	0.0	0.0	100.0	52
<b>Sex</b>								
Male	76.1	17.2	5.8	0.8	0.1	0.0	100.0	4,694
Female	71.0	19.1	8.2	1.5	0.1	0.1	100.0	4,218
<b>Nationality</b>								
Saudi	73.0	18.4	7.2	1.2	0.1	0.0	100.0	7,777
Non-Saudi	78.1	16.4	4.7	0.6	0.3	0.0	100.0	1,135
<b>Residence</b>								
Urban	73.8	17.8	7.2	1.1	0.1	0.0	100.0	7,687
Rural	73.1	20.1	5.2	1.6	0.1	0.0	100.0	1,225
<b>Wealth Quintile</b>								
Lowest	78.4	14.3	6.3	1.0	0.1	0.0	100.0	2,169
Second	70.4	20.2	7.4	2.0	0.1	0.0	100.0	1,918
Middle	74.0	18.9	5.5	1.1	0.2	0.2	100.0	1,694
Fourth	75.1	16.4	7.3	1.0	0.1	0.0	100.0	1,626
Highest	69.2	21.8	8.3	0.5	0.1	0.0	100.0	1,505
<b>Region</b>								
Riyadh	76.1	17.8	5.3	0.7	0.0	0.0	100.0	2,345
Makkah	67.6	21.2	9.3	1.7	0.1	0.1	100.0	2,257
Madinah	84.3	10.1	4.0	1.1	0.4	0.0	100.0	664
Qasim	85.0	11.1	3.3	0.5	0.0	0.0	100.0	364
Eastern Province	77.2	14.9	6.8	0.7	0.4	0.0	100.0	1,149
Asir	78.2	16.5	4.7	0.5	0.1	0.0	100.0	644
Tabuk	54.7	24.0	20.7	0.6	0.0	0.0	100.0	300
Hail	86.6	10.7	2.3	0.3	0.0	0.0	100.0	179
Northern Borders	72.7	21.5	4.4	1.0	0.5	0.0	100.0	87
Jizan	63.3	26.5	8.3	2.0	0.0	0.0	100.0	410
Najran	62.4	31.4	5.2	0.9	0.0	0.1	100.0	194
Bahah	70.1	14.2	6.8	8.8	0.0	0.0	100.0	153
Jawf	75.9	17.9	5.8	0.4	0.0	0.0	100.0	165
<b>Total</b>	<b>73.7</b>	<b>18.1</b>	<b>6.9</b>	<b>1.2</b>	<b>0.1</b>	<b>0.0</b>	<b>100.0</b>	<b>8,912</b>

**Table 9: Difficulty with ‘concentrating or remembering’**  
**Percentage distribution of difficulty with ‘concentrating or remembering’ in the last 30 days, according to age, sex, nationality, residence, wealth and region [Saudi Arabia, 2019].**

BACKGROUND CHARACTERISTIC	DIFFICULTY WITH ‘CONCENTRATING OR REMEMBERING’						TOTAL	NUMBER OF RESPONDENTS
	NONE	MILD	MODERATE	SEVERE	EXTREME	DON'T KNOW		
<b>Age</b>								
15-29	89.7	8.0	2.0	0.2	0.1	0.0	100.0	3,353
30-44	84.7	12.1	2.8	0.4	0.0	0.0	100.0	3,755
45-59	73.7	19.9	6.0	0.5	0.0	0.0	100.0	1,256
60-69	45.6	34.3	18.0	2.1	0.0	0.0	100.0	362
70-79	27.1	25.5	38.5	7.7	1.3	0.0	100.0	135
80+	12.8	36.2	39.3	5.8	5.9	0.0	100.0	52
<b>Sex</b>								
Male	84.4	11.4	3.6	0.5	0.1	0.0	100.0	4,694
Female	79.7	14.6	5.2	0.6	0.0	0.0	100.0	4,218
<b>Nationality</b>								
Saudi	81.7	13.2	4.5	0.6	0.1	0.0	100.0	7,777
Non-Saudi	85.6	10.8	3.1	0.5	0.0	0.0	100.0	1,135
<b>Residence</b>								
Urban	82.2	12.8	4.4	0.6	0.1	0.0	100.0	7,687
Rural	82.1	13.5	4.0	0.2	0.1	0.0	100.0	1,225
<b>Wealth Quintile</b>								
Lowest	85.0	11.4	2.9	0.5	0.1	0.0	100.0	2,169
Second	80.1	14.0	5.2	0.6	0.0	0.1	100.0	1,918
Middle	81.2	13.9	4.3	0.5	0.0	0.0	100.0	1,694
Fourth	84.4	10.2	4.5	0.7	0.2	0.0	100.0	1,626
Highest	79.3	15.3	5.0	0.5	0.1	0.0	100.0	1,505
<b>Region</b>								
Riyadh	82.5	13.4	3.5	0.6	0.0	0.0	100.0	2,345
Makkah	78.8	14.7	5.6	0.9	0.0	0.0	100.0	2,257
Madinah	88.6	6.8	3.1	0.7	0.8	0.0	100.0	664
Qasim	89.9	6.6	3.1	0.4	0.0	0.0	100.0	364
Eastern Province	88.6	8.3	2.9	0.2	0.0	0.0	100.0	1,149
Asir	82.6	13.6	3.8	0.0	0.0	0.0	100.0	644
Tabuk	72.2	16.3	11.3	0.2	0.0	0.0	100.0	300
Hail	92.8	5.8	1.2	0.2	0.0	0.0	100.0	179
Northern Borders	72.0	23.2	4.1	0.7	0.0	0.0	100.0	87
Jizan	73.2	20.0	6.3	0.3	0.0	0.3	100.0	410
Najran	73.8	23.2	2.5	0.4	0.0	0.0	100.0	194
Bahah	75.9	13.0	9.2	1.8	0.0	0.1	100.0	153
Jawf	83.7	14.7	1.6	0.0	0.0	0.0	100.0	165
<b>Total</b>	<b>82.2</b>	<b>12.9</b>	<b>4.3</b>	<b>0.6</b>	<b>0.1</b>	<b>0.0</b>	<b>100.0</b>	<b>8,912</b>



**Table 10: Difficulty with ‘learning a new task’**  
 Percentage distribution of difficulty with ‘learning a new task’ in the last 30 days, according to age, sex, nationality, residence, wealth and region [Saudi Arabia, 2019].

BACKGROUND CHARACTERISTIC	DIFFICULTY WITH ‘LEARNING A NEW TASK’						TOTAL	NUMBER OF RESPONDENTS <sup>1</sup>
	NONE	MILD	MODERATE	SEVERE	EXTREME	DON'T KNOW		
<b>Age</b>								
15-29	69.8	23.8	2.5	1.1	1.5	1.3	100.0	656
30-44	60.5	29.0	8.3	0.6	0.2	1.4	100.0	1,006
45-59	52.1	29.4	13.1	1.8	0.6	2.9	100.0	555
60-69	32.2	29.8	19.9	9.6	0.7	7.8	100.0	267
70-79	20.4	17.3	26.4	20.1	4.1	11.6	100.0	126
80+	5.3	15.0	37.5	22.4	12.5	7.2	100.0	48
<b>Sex</b>								
Male	55.4	28.3	9.9	2.7	1.0	2.8	100.0	1,277
Female	55.2	25.9	10.9	3.7	1.2	3.1	100.0	1,380
<b>Nationality</b>								
Saudi	54.5	27.4	10.5	3.4	1.1	3.0	100.0	2,366
Non-Saudi	61.9	24.4	9.5	1.6	0.4	2.2	100.0	291
<b>Residence</b>								
Urban	56.8	25.8	10.2	3.1	1.2	2.9	100.0	2,299
Rural	45.7	35.2	11.5	4.0	0.3	3.4	100.0	358
<b>Wealth Quintile</b>								
Lowest	53.6	28.2	8.5	5.8	1.2	2.6	100.0	537
Second	53.9	30.8	9.3	3.3	0.5	2.3	100.0	622
Middle	54.3	29.8	11.1	1.3	1.2	2.3	100.0	513
Fourth	59.0	21.9	11.6	2.6	2.7	2.3	100.0	462
Highest	56.6	23.3	12.0	2.9	0.0	5.2	100.0	523
<b>Region</b>								
Riyadh	49.7	30.5	10.2	3.2	1.6	4.8	100.0	628
Makkah	69.9	17.4	8.2	1.8	0.5	2.3	100.0	859
Madinah	48.6	28.1	10.4	2.6	4.5	5.8	100.0	115
Qasim	51.6	23.7	18.8	1.0	1.3	3.6	100.0	63
Eastern Province	64.3	16.3	9.5	4.7	1.7	3.5	100.0	294
Asir	44.1	35.6	12.4	5.9	0.6	1.3	100.0	170
Tabuk	38.3	38.6	20.8	2.3	0.0	0.0	100.0	140
Hail	68.6	16.7	5.5	1.2	0.0	8.0	100.0	29
Northern Borders	53.8	34.1	6.9	0.4	1.8	3.0	100.0	31
Jizan	32.6	47.8	12.8	4.7	0.7	1.4	100.0	158
Najran	35.2	55.0	7.0	2.9	0.0	0.0	100.0	79
Bahah	18.0	41.9	20.6	19.1	0.4	0.0	100.0	46
Jawf	60.5	33.0	2.9	0.8	0.7	2.1	100.0	47
<b>Total</b>	55.3	27.1	10.4	3.2	1.1	2.9	100.0	2,657

<sup>1</sup> Total does not add up to the total number of respondents (8,912) because of an incorrect skip pattern so the total is 2,657

**Table 11: Difficulty with ‘personal relationships or participation in the community’**  
**Percentage distribution of difficulty with ‘personal relationships or participation in the community’ in the last 30 days, according to age, sex, nationality, residence, wealth and region [Saudi Arabia, 2019].**

BACKGROUND CHARACTERISTIC	DIFFICULTY WITH ‘PERSONAL RELATIONSHIPS OR PARTICIPATION IN THE COMMUNITY’						TOTAL	NUMBER OF RESPONDENTS
	NONE	MILD	MODERATE	SEVERE	EXTREME	DON'T KNOW		
<b>Age</b>								
15-29	90.4	6.9	1.9	0.4	0.1	0.3	100.0	3,353
30-44	87.5	8.9	3.1	0.3	0.0	0.2	100.0	3,755
45-59	82.0	11.9	5.1	0.4	0.1	0.5	100.0	1,256
60-69	60.1	24.7	13.2	0.5	1.2	0.4	100.0	362
70-79	37.0	26.7	28.9	5.1	0.6	1.8	100.0	135
80+	26.3	23.8	34.5	7.1	8.4	0.0	100.0	52
<b>Sex</b>								
Male	86.9	8.6	3.6	0.5	0.2	0.2	100.0	4,694
Female	84.2	10.6	4.2	0.4	0.2	0.4	100.0	4,218
<b>Nationality</b>								
Saudi	85.4	9.7	3.9	0.5	0.2	0.3	100.0	7,777
Non-Saudi	86.7	8.8	3.5	0.3	0.1	0.6	100.0	1,135
<b>Residence</b>								
Urban	85.9	9.2	3.9	0.5	0.2	0.3	100.0	7,687
Rural	83.5	12.0	3.9	0.5	0.1	0.1	100.0	1,225
<b>Wealth Quintile</b>								
Lowest	86.3	9.4	3.4	0.6	0.1	0.3	100.0	2,169
Second	82.8	11.6	4.7	0.4	0.0	0.6	100.0	1,918
Middle	85.7	8.8	4.6	0.6	0.2	0.1	100.0	1,694
Fourth	88.9	7.2	3.0	0.2	0.6	0.1	100.0	1,626
Highest	84.5	10.6	3.8	0.6	0.1	0.4	100.0	1,505
<b>Region</b>								
Riyadh	85.7	9.8	3.4	0.6	0.1	0.4	100.0	2,345
Makkah	88.4	8.3	2.3	0.4	0.2	0.4	100.0	2,257
Madinah	85.3	7.3	5.8	0.5	0.7	0.4	100.0	664
Qasim	91.1	5.7	3.2	0.0	0.0	0.0	100.0	364
Eastern Province	91.4	4.7	2.9	0.5	0.2	0.3	100.0	1,149
Asir	85.3	10.9	3.6	0.2	0.0	0.0	100.0	644
Tabuk	66.1	17.4	16.0	0.5	0.0	0.0	100.0	300
Hail	97.5	1.4	1.1	0.0	0.0	0.0	100.0	179
Northern Borders	78.1	16.4	4.8	0.5	0.2	0.0	100.0	87
Jizan	72.3	19.3	6.5	1.1	0.6	0.3	100.0	410
Najran	63.3	29.2	6.8	0.7	0.0	0.0	100.0	194
Bahah	78.9	11.4	8.5	1.1	0.1	0.0	100.0	153
Jawf	88.4	10.1	1.5	0.0	0.0	0.0	100.0	165
<b>Total</b>	<b>85.6</b>	<b>9.6</b>	<b>3.9</b>	<b>0.5</b>	<b>0.2</b>	<b>0.3</b>	<b>100.0</b>	<b>8,912</b>

**Table 12: Difficulty with ‘dealing with conflicts and tensions’**  
 Percentage distribution of difficulty with ‘dealing with conflicts and tensions’ in the last 30 days, according to age, sex, nationality, residence, wealth and region [Saudi Arabia, 2019].

BACKGROUND CHARACTERISTIC	DIFFICULTY WITH ‘DEALING WITH CONFLICTS AND TENSIONS’						TOTAL	NUMBER OF RESPONDENTS
	NONE	MILD	MODERATE	SEVERE	EXTREME	DON'T KNOW		
<b>Age</b>								
15-29	84.7	10.3	3.6	0.6	0.2	0.5	100.0	3,353
30-44	82.8	11.2	5.1	0.8	0.0	0.2	100.0	3,755
45-59	75.5	15.5	6.5	2.2	0.0	0.2	100.0	1,256
60-69	54.6	25.4	12.4	4.9	0.8	1.8	100.0	362
70-79	35.1	22.1	35.3	5.2	0.0	2.2	100.0	135
80+	24.9	28.8	31.1	9.3	5.9	0.0	100.0	52
<b>Sex</b>								
Male	82.7	10.6	5.4	1.0	0.1	0.1	100.0	4,694
Female	77.6	14.2	5.9	1.4	0.1	0.7	100.0	4,218
<b>Nationality</b>								
Saudi	79.9	12.6	5.6	1.2	0.1	0.4	100.0	7,777
Non-Saudi	82.9	10.2	5.7	0.9	0.0	0.3	100.0	1,135
<b>Residence</b>								
Urban	80.3	12.3	5.6	1.3	0.2	0.4	100.0	7,687
Rural	80.4	12.4	6.2	0.5	0.0	0.4	100.0	1,225
<b>Wealth Quintile</b>								
Lowest	81.8	11.2	5.5	1.3	0.0	0.2	100.0	2,169
Second	79.0	12.0	6.7	1.0	0.3	0.9	100.0	1,918
Middle	79.0	12.4	6.7	1.5	0.1	0.4	100.0	1,694
Fourth	81.9	12.0	4.4	1.3	0.2	0.2	100.0	1,626
Highest	79.5	14.5	4.7	0.9	0.0	0.5	100.0	1,505
<b>Region</b>								
Riyadh	80.4	12.9	5.0	0.9	0.1	0.7	100.0	2,345
Makkah	78.2	14.0	5.4	1.6	0.1	0.7	100.0	2,257
Madinah	82.2	8.2	8.1	0.4	0.5	0.6	100.0	664
Qasim	86.1	9.0	3.5	1.0	0.0	0.4	100.0	364
Eastern Province	89.2	5.9	3.3	1.4	0.0	0.1	100.0	1,149
Asir	83.6	12.1	3.3	1.0	0.0	0.0	100.0	644
Tabuk	63.2	15.6	19.1	2.0	0.0	0.0	100.0	300
Hail	92.0	6.1	1.5	0.4	0.0	0.0	100.0	179
Northern Borders	68.9	16.9	12.1	1.1	0.6	0.4	100.0	87
Jizan	68.2	19.9	9.2	2.2	0.6	0.0	100.0	410
Najran	61.9	30.3	7.3	0.5	0.0	0.0	100.0	194
Bahah	79.1	12.3	7.7	0.7	0.2	0.0	100.0	153
Jawf	88.5	9.2	2.2	0.0	0.0	0.1	100.0	165
<b>Total</b>	<b>80.3</b>	<b>12.3</b>	<b>5.6</b>	<b>1.2</b>	<b>0.1</b>	<b>0.4</b>	<b>100.0</b>	<b>8,912</b>

**Table 13: Difficulty with ‘making new friendships’**  
**Percentage distribution of difficulty with ‘making new friendships’ in the last 30 days, according to age, sex, nationality, residence, wealth and region [Saudi Arabia, 2019].**

BACKGROUND CHARACTERISTIC	DIFFICULTY WITH ‘MAKING NEW FRIENDSHIPS’						TOTAL	NUMBER OF RESPONDENTS
	NONE	MILD	MODERATE	SEVERE	EXTREME	DON'T KNOW		
<b>Age</b>								
15-29	88.4	7.8	3.3	0.3	0.1	0.2	100.0	3,353
30-44	85.4	9.4	4.3	0.5	0.0	0.3	100.0	3,755
45-59	80.4	13.2	5.9	0.1	0.0	0.4	100.0	1,256
60-69	61.9	21.4	12.3	1.2	0.5	2.6	100.0	362
70-79	40.5	20.2	29.1	6.2	0.5	3.5	100.0	135
80+	28.5	24.5	38.7	2.5	5.9	0.0	100.0	52
<b>Sex</b>								
Male	85.4	8.9	4.9	0.6	0.1	0.2	100.0	4,694
Female	82.2	11.4	5.2	0.4	0.1	0.7	100.0	4,218
<b>Nationality</b>								
Saudi	83.6	10.3	5.1	0.5	0.1	0.4	100.0	7,777
Non-Saudi	85.5	8.8	4.8	0.4	0.0	0.4	100.0	1,135
<b>Residence</b>								
Urban	84.1	9.8	5.1	0.5	0.1	0.5	100.0	7,687
Rural	82.7	11.9	4.6	0.6	0.1	0.1	100.0	1,225
<b>Wealth Quintile</b>								
Lowest	84.8	9.3	4.8	0.6	0.1	0.3	100.0	2,169
Second	81.3	11.8	5.7	0.5	0.0	0.6	100.0	1,918
Middle	83.6	10.4	5.1	0.4	0.1	0.3	100.0	1,694
Fourth	86.7	8.3	4.1	0.4	0.2	0.3	100.0	1,626
Highest	82.9	10.5	5.4	0.3	0.1	0.8	100.0	1,505
<b>Region</b>								
Riyadh	82.2	11.6	4.8	0.9	0.1	0.5	100.0	2,345
Makkah	87.4	8.2	3.8	0.1	0.0	0.5	100.0	2,257
Madinah	83.7	7.9	6.6	0.6	0.5	0.8	100.0	664
Qasim	88.6	7.3	3.2	0.0	0.0	0.9	100.0	364
Eastern Province	90.0	5.6	3.4	0.5	0.0	0.5	100.0	1,149
Asir	86.1	10.4	3.3	0.1	0.0	0.0	100.0	644
Tabuk	64.8	11.5	22.4	0.9	0.2	0.2	100.0	300
Hail	95.2	3.0	1.8	0.0	0.0	0.0	100.0	179
Northern Borders	68.3	18.4	11.2	1.1	0.4	0.6	100.0	87
Jizan	69.4	21.1	7.9	1.0	0.6	0.0	100.0	410
Najran	65.3	29.1	4.6	0.9	0.0	0.0	100.0	194
Bahah	80.6	10.3	8.5	0.4	0.2	0.0	100.0	153
Jawf	90.6	8.2	0.6	0.0	0.0	0.6	100.0	165
<b>Total</b>	<b>83.9</b>	<b>10.1</b>	<b>5.0</b>	<b>0.5</b>	<b>0.1</b>	<b>0.4</b>	<b>100.0</b>	<b>8,912</b>

**Table 14: Difficulty ‘dealing with strangers’**  
**Percentage distribution of difficulty with ‘dealing with strangers’ in the last 30 days,**  
**according to age, sex, nationality, residence, wealth and region [Saudi Arabia, 2019].**

BACKGROUND CHARACTERISTIC	DIFFICULTY WITH ‘DEALING WITH STRANGERS’						TOTAL	NUMBER OF RESPONDENTS
	NONE	MILD	MODERATE	SEVERE	EXTREME	DON'T KNOW		
<b>Age</b>								
15-29	83.4	9.7	5.2	0.9	0.1	0.6	100.0	3,353
30-44	81.8	12.1	4.8	1.1	0.1	0.2	100.0	3,755
45-59	78.8	13.1	7.1	0.6	0.0	0.4	100.0	1,256
60-69	65.1	20.8	10.0	0.5	0.5	3.1	100.0	362
70-79	44.2	17.2	30.2	4.9	0.9	2.7	100.0	135
80+	30.4	26.8	27.1	9.8	5.9	0.0	100.0	52
<b>Sex</b>								
Male	83.0	10.7	5.4	0.6	0.2	0.1	100.0	4,694
Female	77.6	13.1	6.7	1.5	0.0	1.0	100.0	4,218
<b>Nationality</b>								
Saudi	80.2	12.0	6.0	1.1	0.1	0.6	100.0	7,777
Non-Saudi	81.9	11.1	6.1	0.3	0.2	0.4	100.0	1,135
<b>Residence</b>								
Urban	81.0	11.2	6.1	1.0	0.1	0.6	100.0	7,687
Rural	76.7	16.1	5.2	1.4	0.2	0.4	100.0	1,225
<b>Wealth Quintile</b>								
Lowest	81.8	10.8	5.7	0.7	0.3	0.8	100.0	2,169
Second	77.4	13.8	7.3	1.0	0.1	0.4	100.0	1,918
Middle	79.5	13.3	5.6	1.3	0.0	0.4	100.0	1,694
Fourth	82.9	9.7	5.9	1.0	0.2	0.3	100.0	1,626
Highest	80.6	11.7	5.5	1.3	0.0	0.9	100.0	1,505
<b>Region</b>								
Riyadh	78.4	11.5	7.6	1.5	0.1	0.8	100.0	2,345
Makkah	82.6	11.8	4.5	0.6	0.0	0.5	100.0	2,257
Madinah	80.8	10.5	6.4	1.1	0.8	0.3	100.0	664
Qasim	87.7	8.1	3.1	0.2	0.0	0.9	100.0	364
Eastern Province	87.1	5.9	5.0	1.5	0.2	0.2	100.0	1,149
Asir	81.9	13.8	2.8	0.3	0.0	1.2	100.0	644
Tabuk	61.4	18.5	19.8	0.3	0.0	0.0	100.0	300
Hail	92.4	5.3	2.1	0.2	0.0	0.0	100.0	179
Northern Borders	64.0	18.1	8.0	9.0	0.9	0.0	100.0	87
Jizan	70.1	21.4	6.9	1.1	0.0	0.6	100.0	410
Najran	57.6	35.4	6.5	0.4	0.0	0.0	100.0	194
Bahah	80.7	9.9	8.2	1.0	0.2	0.0	100.0	153
Jawf	90.3	8.5	1.0	0.0	0.0	0.2	100.0	165
<b>Total</b>	<b>80.4</b>	<b>11.9</b>	<b>6.0</b>	<b>1.0</b>	<b>0.1</b>	<b>0.5</b>	<b>100.0</b>	<b>8,912</b>

**Table 15: Difficulty with ‘sleeping’**  
 Percentage distribution of difficulty with ‘sleeping’ in the last 30 days, according to age, sex, nationality, residence, wealth and region [Saudi Arabia, 2019].

BACKGROUND CHARACTERISTIC	DIFFICULTY WITH ‘SLEEPING’						TOTAL	NUMBER OF RESPONDENTS
	NONE	MILD	MODERATE	SEVERE	EXTREME	DON'T KNOW		
<b>Age</b>								
15-29	85.0	9.2	4.2	1.2	0.2	0.1	100.0	3,353
30-44	78.2	13.9	6.4	1.3	0.2	0.0	100.0	3,755
45-59	68.3	20.1	8.0	3.6	0.1	0.0	100.0	1,256
60-69	43.8	34.4	14.7	7.1	0.0	0.0	100.0	362
70-79	30.2	24.8	39.3	4.5	0.5	0.6	100.0	135
80+	17.9	30.9	36.2	13.0	2.0	0.0	100.0	52
<b>Sex</b>								
Male	78.7	13.3	5.7	2.0	0.2	0.1	100.0	4,694
Female	74.8	15.0	8.0	1.9	0.2	0.1	100.0	4,218
<b>Nationality</b>								
Saudi	76.3	14.2	7.2	2.0	0.2	0.1	100.0	7,777
Non-Saudi	81.1	13.0	4.0	1.5	0.3	0.0	100.0	1,135
<b>Residence</b>								
Urban	76.2	14.2	7.3	2.1	0.2	0.1	100.0	7,687
Rural	81.4	13.5	4.0	1.0	0.1	0.1	100.0	1,225
<b>Wealth Quintile</b>								
Lowest	79.8	10.8	6.5	2.4	0.4	0.1	100.0	2,169
Second	75.5	15.1	6.9	2.3	0.1	0.1	100.0	1,918
Middle	76.3	15.2	6.5	1.7	0.3	0.0	100.0	1,694
Fourth	77.3	14.8	6.5	1.5	0.0	0.0	100.0	1,626
Highest	74.7	15.4	7.9	1.6	0.3	0.2	100.0	1,505
<b>Region</b>								
Riyadh	77.6	15.9	5.3	1.0	0.1	0.0	100.0	2,345
Makkah	73.0	12.5	10.1	3.9	0.5	0.0	100.0	2,257
Madinah	85.4	9.8	3.4	0.9	0.3	0.3	100.0	664
Qasim	88.4	5.9	4.7	0.2	0.0	0.8	100.0	364
Eastern Province	73.6	15.4	8.2	2.7	0.1	0.0	100.0	1,149
Asir	82.2	12.2	4.0	1.5	0.0	0.0	100.0	644
Tabuk	67.4	16.9	15.2	0.6	0.0	0.0	100.0	300
Hail	85.6	11.1	3.3	0.0	0.0	0.0	100.0	179
Northern Borders	76.3	17.9	4.9	0.6	0.4	0.0	100.0	87
Jizan	74.0	19.7	4.4	1.6	0.3	0.1	100.0	410
Najran	68.7	26.2	2.7	2.4	0.0	0.0	100.0	194
Bahah	76.9	12.3	8.6	1.9	0.3	0.0	100.0	153
Jawf	87.5	11.2	1.1	0.2	0.0	0.0	100.0	165
<b>Total</b>	<b>76.9</b>	<b>14.1</b>	<b>6.8</b>	<b>2.0</b>	<b>0.2</b>	<b>0.1</b>	<b>100.0</b>	<b>8,912</b>

**Table 16: Difficulty with ‘feeling rested and refreshed’**  
**Percentage distribution of difficulty with ‘feeling rested and refreshed’ in the last 30 days, according to age, sex, nationality, residence, wealth and region [Saudi Arabia, 2019].**

BACKGROUND CHARACTERISTIC	DIFFICULTY WITH ‘FEELING RESTED AND REFRESHED’						TOTAL	NUMBER OF RESPONDENTS
	NONE	MILD	MODERATE	SEVERE	EXTREME	DON'T KNOW		
<b>Age</b>								
15-29	81.1	14.2	4.0	0.5	0.1	0.1	100.0	3,353
30-44	75.8	17.3	6.2	0.6	0.0	0.0	100.0	3,755
45-59	64.3	24.9	9.1	1.6	0.0	0.0	100.0	1,256
60-69	36.5	38.9	19.1	5.4	0.0	0.0	100.0	362
70-79	23.3	30.0	39.2	6.0	0.5	0.9	100.0	135
80+	14.6	24.6	30.6	30.2	0.0	0.0	100.0	52
<b>Sex</b>								
Male	75.9	16.8	6.1	1.2	0.0	0.1	100.0	4,694
Female	70.7	20.0	8.0	1.2	0.0	0.0	100.0	4,218
<b>Nationality</b>								
Saudi	73.2	18.4	7.0	1.3	0.0	0.0	100.0	7,777
Non-Saudi	75.3	17.7	6.5	0.5	0.0	0.0	100.0	1,135
<b>Residence</b>								
Urban	73.4	18.2	7.3	1.2	0.0	0.0	100.0	7,687
Rural	74.2	19.4	5.1	1.2	0.0	0.1	100.0	1,225
<b>Wealth Quintile</b>								
Lowest	75.8	17.2	5.6	1.2	0.0	0.2	100.0	2,169
Second	71.5	19.3	8.0	1.2	0.1	0.0	100.0	1,918
Middle	73.6	19.3	6.1	1.1	0.0	0.0	100.0	1,694
Fourth	74.9	16.7	7.8	0.6	0.0	0.0	100.0	1,626
Highest	71.1	19.3	7.8	1.8	0.0	0.0	100.0	1,505
<b>Region</b>								
Riyadh	73.0	18.5	7.1	1.4	0.0	0.0	100.0	2,345
Makkah	70.0	20.2	8.6	1.1	0.0	0.0	100.0	2,257
Madinah	79.8	13.3	5.2	1.1	0.2	0.4	100.0	664
Qasim	85.7	8.2	5.8	0.0	0.2	0.1	100.0	364
Eastern Province	75.7	17.8	5.4	1.1	0.0	0.0	100.0	1,149
Asir	82.3	13.0	4.2	0.5	0.0	0.0	100.0	644
Tabuk	57.0	25.2	17.1	0.7	0.0	0.0	100.0	300
Hail	86.0	13.3	0.3	0.3	0.0	0.0	100.0	179
Northern Borders	68.7	25.0	5.5	0.2	0.6	0.0	100.0	87
Jizan	67.5	23.2	8.0	1.3	0.0	0.0	100.0	410
Najran	56.1	36.5	4.9	2.5	0.0	0.0	100.0	194
Bahah	72.2	14.6	6.6	6.3	0.3	0.0	100.0	153
Jawf	81.0	15.3	3.6	0.0	0.0	0.0	100.0	165
<b>Total</b>	<b>73.5</b>	<b>18.3</b>	<b>7.0</b>	<b>1.2</b>	<b>0.0</b>	<b>0.0</b>	<b>100.0</b>	<b>8,912</b>



**Table 17: Difficulty with ‘feeling sad, low or depressed’**  
**Percentage distribution of difficulty with ‘feeling sad, low or depressed’ in the last 30 days, according to age, sex, nationality, residence, wealth and region [Saudi Arabia, 2019].**

BACKGROUND CHARACTERISTIC	DIFFICULTY WITH ‘FEELING SAD, LOW AND DEPRESSED’						TOTAL	NUMBER OF RESPONDENTS
	NONE	MILD	MODERATE	SEVERE	EXTREME	DON'T KNOW		
<b>Age</b>								
15-29	82.4	12.6	4.0	0.7	0.1	0.2	100.0	3,353
30-44	79.7	14.6	4.6	0.8	0.0	0.2	100.0	3,755
45-59	70.3	20.3	7.2	1.4	0.3	0.5	100.0	1,256
60-69	52.4	28.4	12.4	5.6	0.0	1.1	100.0	362
70-79	43.5	26.4	20.1	6.1	0.0	3.9	100.0	135
80+	42.2	14.4	30.8	12.6	0.0	0.0	100.0	52
<b>Sex</b>								
Male	80.6	13.7	4.2	1.1	0.1	0.2	100.0	4,694
Female	74.1	17.3	6.8	1.3	0.1	0.5	100.0	4,218
<b>Nationality</b>								
Saudi	77.5	15.2	5.6	1.3	0.1	0.4	100.0	7,777
Non-Saudi	77.8	16.7	4.4	0.8	0.0	0.4	100.0	1,135
<b>Residence</b>								
Urban	77.1	15.5	5.6	1.3	0.1	0.4	100.0	7,687
Rural	79.9	14.5	4.6	0.5	0.0	0.4	100.0	1,225
<b>Wealth Quintile</b>								
Lowest	78.2	14.9	5.1	1.3	0.1	0.4	100.0	2,169
Second	75.8	16.6	6.2	1.1	0.1	0.2	100.0	1,918
Middle	77.7	15.9	5.1	0.9	0.2	0.2	100.0	1,694
Fourth	79.4	13.7	5.2	1.3	0.0	0.4	100.0	1,626
Highest	76.5	15.9	5.5	1.5	0.0	0.6	100.0	1,505
<b>Region</b>								
Riyadh	78.4	13.5	6.3	1.2	0.0	0.6	100.0	2,345
Makkah	71.2	19.6	6.9	2.0	0.1	0.2	100.0	2,257
Madinah	84.3	10.4	2.8	1.3	0.5	0.7	100.0	664
Qasim	88.1	8.6	2.3	0.0	0.2	0.8	100.0	364
Eastern Province	85.4	10.3	2.9	1.1	0.0	0.3	100.0	1,149
Asir	81.5	13.3	4.1	1.1	0.0	0.0	100.0	644
Tabuk	60.3	27.7	10.8	0.4	0.0	0.8	100.0	300
Hail	93.7	4.5	1.7	0.2	0.0	0.0	100.0	179
Northern Borders	68.3	22.8	7.0	0.9	0.6	0.4	100.0	87
Jizan	68.1	24.4	7.2	0.3	0.0	0.0	100.0	410
Najran	62.4	32.8	4.5	0.2	0.0	0.0	100.0	194
Bahah	79.2	11.1	7.3	2.4	0.0	0.0	100.0	153
Jawf	89.0	9.6	1.2	0.0	0.0	0.2	100.0	165
<b>Total</b>	<b>77.5</b>	<b>15.4</b>	<b>5.4</b>	<b>1.2</b>	<b>0.1</b>	<b>0.4</b>	<b>100.0</b>	<b>8,912</b>

**Table 18: Difficulty with ‘worry or anxiety’**  
 Percentage distribution of difficulty with ‘worry or anxiety’ in the last 30 days, according to age, sex, nationality, residence, wealth and region [Saudi Arabia, 2019].

BACKGROUND CHARACTERISTIC	DIFFICULTY WITH ‘WORRY OR ANXIETY’						TOTAL	NUMBER OF RESPONDENTS
	NONE	MILD	MODERATE	SEVERE	EXTREME	DON'T KNOW		
<b>Age</b>								
15-29	78.2	14.3	6.6	0.7	0.1	0.2	100.0	3,353
30-44	76.1	16.0	6.8	0.9	0.1	0.2	100.0	3,755
45-59	66.7	21.7	8.5	2.4	0.3	0.5	100.0	1,256
60-69	48.4	33.5	11.4	5.9	0.5	0.4	100.0	362
70-79	39.2	32.1	17.9	9.1	0.0	1.7	100.0	135
80+	38.4	24.2	24.5	12.9	0.0	0.0	100.0	52
<b>Sex</b>								
Male	76.7	15.1	6.5	1.5	0.1	0.2	100.0	4,694
Female	70.3	19.5	8.4	1.4	0.1	0.3	100.0	4,218
<b>Nationality</b>								
Saudi	73.7	16.9	7.5	1.6	0.1	0.3	100.0	7,777
Non-Saudi	73.2	18.8	6.9	0.6	0.3	0.2	100.0	1,135
<b>Residence</b>								
Urban	73.0	17.4	7.7	1.5	0.1	0.2	100.0	7,687
Rural	77.4	15.8	5.7	0.7	0.0	0.3	100.0	1,225
<b>Wealth Quintile</b>								
Lowest	76.3	13.4	8.5	1.2	0.2	0.3	100.0	2,169
Second	71.5	18.3	8.5	1.5	0.1	0.1	100.0	1,918
Middle	73.1	18.9	6.5	1.3	0.1	0.1	100.0	1,694
Fourth	74.3	17.6	6.5	1.5	0.0	0.0	100.0	1,626
Highest	72.5	18.9	6.2	1.6	0.1	0.7	100.0	1,505
<b>Region</b>								
Riyadh	74.9	15.6	7.1	1.8	0.0	0.7	100.0	2,345
Makkah	63.6	22.7	11.5	2.0	0.2	0.0	100.0	2,257
Madinah	81.8	12.1	4.1	1.3	0.5	0.1	100.0	664
Qasim	85.4	10.4	3.2	0.0	0.2	0.8	100.0	364
Eastern Province	83.6	11.5	3.6	1.2	0.0	0.0	100.0	1,149
Asir	81.0	14.2	3.7	1.1	0.0	0.0	100.0	644
Tabuk	57.7	23.7	17.5	0.7	0.0	0.4	100.0	300
Hail	91.7	5.8	2.4	0.2	0.0	0.0	100.0	179
Northern Borders	65.1	22.8	9.0	2.3	0.3	0.4	100.0	87
Jizan	65.4	25.1	9.0	0.5	0.0	0.0	100.0	410
Najran	58.1	34.0	7.1	0.9	0.0	0.0	100.0	194
Bahah	77.8	13.1	6.8	2.3	0.0	0.0	100.0	153
Jawf	85.6	12.9	1.5	0.0	0.0	0.0	100.0	165
<b>Total</b>	<b>73.6</b>	<b>17.2</b>	<b>7.4</b>	<b>1.4</b>	<b>0.1</b>	<b>0.2</b>	<b>100.0</b>	<b>8,912</b>

**Table 19: Disability score**  
Disability score, according to age, sex, nationality, residence, wealth and region [Saudi Arabia, 2019].

BACKGROUND CHARACTERISTIC	MEAN DISABILITY SCORE <sup>1</sup>	NUMBER OF RESPONDENTS
<b>Age</b>		
15-29	5.2	3,353
30-44	6.2	3,755
45-59	7.5	1,256
60-69	17.1	362
70-79	23.2	135
80+	30.5	52
<b>Sex</b>		
Male	8.0	4,694
Female	5.6	4,218
<b>Nationality</b>		
Saudi	7.2	7,777
Non-Saudi	4.6	1,135
<b>Residence</b>		
Urban	6.6	7,687
Rural	8.7	1,225
<b>Wealth Quintile</b>		
Lowest	5.9	2,169
Second	6.9	1,918
Middle	6.9	1,694
Fourth	6.9	1,626
Highest	8.1	1,505
<b>Region</b>		
Riyadh	7.8	2,345
Makkah	4.6	2,257
Madinah	6.4	664
Qasim	6.8	364
Eastern Province	5.8	1,149
Asir	15.2	644
Tabuk	4.4	300
Hail	3.2	179
Northern Borders	16.9	87
Jizan	9.5	410
Najran	4.9	194
Bahah	5.2	153
Jawf	1.9	165
<b>Total</b>	6.9	8,912

**Table 20: Hearing test and aids**  
Percentage of respondents who have had a hearing test and percentage of respondents who wear a hearing aid, according to age, sex, nationality, residence, wealth and region [Saudi Arabia, 2019].

BACKGROUND CHARACTERISTIC	HEARING TEST	HEARING AID	NUMBER OF RESPONDENTS
<b>Age</b>			
15-29	5.2	0.7	3,353
30-44	6.2	0.6	3,755
45-59	7.5	1.4	1,256
60-69	17.1	2.6	362
70-79	23.2	8.1	135
80+	30.5	5.7	52
<b>Sex</b>			
Male	8.0	1.2	4,694
Female	5.6	0.7	4,218
<b>Nationality</b>			
Saudi	7.2	1.1	7,777
Non-Saudi	4.6	0.3	1,135
<b>Residence</b>			
Urban	6.6	0.9	7,687
Rural	8.7	1.7	1,225
<b>Wealth Quintile</b>			
Lowest	5.9	1.0	2,169
Second	6.9	0.6	1,918
Middle	6.9	0.8	1,694
Fourth	6.9	0.8	1,626
Highest	8.1	1.9	1,505
<b>Region</b>			
Riyadh	7.8	1.1	2,345
Makkah	4.6	0.5	2,257
Madinah	6.4	0.9	664
Qasim	6.8	2.1	364
Eastern Province	5.8	0.8	1,149
Asir	15.2	2.8	644
Tabuk	4.4	1.2	300
Hail	3.2	0.2	179
Northern Borders	16.9	0.2	87
Jizan	9.5	0.9	410
Najran	4.9	0.7	194
Bahah	5.2	0.0	153
Jawf	1.9	0.0	165
<b>Total</b>	6.9	1.0	8,912

<sup>1</sup> The disability score was generated based on the responses on 17 items being rated on a 5-point Likert scale as follows: 0 "None", 1 "Mild", 2 "Moderate", 3 "Severe", 4 "Extreme". A total disability score was calculated for each respondent by summing across items. The score was converted into a metric ranging from 0, "No disability" to 100, "Full disability".

Table 21: Difficulty with ‘seeing and recognizing a person you know across the road (20m)’

Percentage distribution of difficulty with ‘seeing and recognizing a person you know across the road (20m)’ in the last 30 days, according to age, sex, nationality, residence, wealth and region [Saudi Arabia, 2019].

BACKGROUND CHARACTERISTIC	DIFFICULTY WITH ‘SEEING AND RECOGNIZING A PERSON YOU KNOW ACROSS THE ROAD (20 M)’						TOTAL	NUMBER OF RESPONDENTS
	NONE	MILD	MODERATE	SEVERE	EXTREME	DON'T KNOW		
<b>Age</b>								
15-29	88.8	7.7	2.0	1.1	0.1	0.4	100.0	3,353
30-44	86.6	9.5	2.7	0.6	0.1	0.4	100.0	3,755
45-59	71.7	20.5	5.1	2.1	0.1	0.5	100.0	1,256
60-69	43.7	30.7	16.2	8.2	0.5	0.7	100.0	362
70-79	19.7	28.8	31.8	16.8	1.0	1.9	100.0	135
80+	16.2	36.7	28.5	12.0	0.0	6.6	100.0	52
<b>Sex</b>								
Male	82.7	11.5	3.8	1.4	0.2	0.4	100.0	4,694
Female	81.6	11.9	4.0	1.9	0.1	0.5	100.0	4,218
<b>Nationality</b>								
Saudi	82.3	11.4	4.0	1.6	0.1	0.5	100.0	7,777
Non-Saudi	81.0	13.9	3.0	1.6	0.2	0.2	100.0	1,135
<b>Residence</b>								
Urban	81.8	11.8	4.0	1.8	0.1	0.5	100.0	7,687
Rural	84.5	11.2	3.3	0.5	0.2	0.3	100.0	1,225
<b>Wealth Quintile</b>								
Lowest	87.2	8.7	2.8	0.9	0.1	0.3	100.0	2,169
Second	80.2	13.4	4.4	1.7	0.0	0.4	100.0	1,918
Middle	84.6	10.6	2.8	1.6	0.1	0.3	100.0	1,694
Fourth	83.6	10.3	4.0	1.4	0.3	0.5	100.0	1,626
Highest	73.3	16.6	6.1	2.8	0.2	0.9	100.0	1,505
<b>Region</b>								
Riyadh	79.1	13.8	4.3	2.1	0.1	0.7	100.0	2,345
Makkah	80.3	12.2	3.9	3.1	0.4	0.3	100.0	2,257
Madinah	87.8	7.8	2.6	0.3	0.0	1.5	100.0	664
Qasim	88.3	7.7	2.8	0.3	0.1	0.7	100.0	364
Eastern Province	86.4	8.7	3.9	0.9	0.1	0.2	100.0	1,149
Asir	80.5	14.6	4.5	0.3	0.0	0.0	100.0	644
Tabuk	85.6	7.6	5.9	1.0	0.0	0.0	100.0	300
Hail	89.8	6.7	2.5	0.0	0.7	0.2	100.0	179
Northern Borders	79.1	13.2	4.9	1.7	0.0	1.1	100.0	87
Jizan	82.0	13.0	4.0	0.7	0.1	0.2	100.0	410
Najran	79.2	18.4	1.5	0.4	0.0	0.5	100.0	194
Bahah	73.0	18.0	7.1	1.9	0.0	0.0	100.0	153
Jawf	93.2	4.7	1.9	0.0	0.0	0.2	100.0	165
<b>Total</b>	<b>82.2</b>	<b>11.7</b>	<b>3.9</b>	<b>1.6</b>	<b>0.1</b>	<b>0.5</b>	<b>100.0</b>	<b>8,912</b>

Table 22: Difficulty with ‘seeing an object at arm’s length or reading’  
 Percentage distribution of difficulty ‘seeing an object at arm’s length or reading’ in the last 30 days, according to age, sex, nationality, residence, wealth and region [Saudi Arabia, 2019].

BACKGROUND CHARACTERISTIC	DIFFICULTY WITH ‘SEEING AN OBJECT AT ARM’S LENGTH OR IN READING’						TOTAL	NUMBER OF RESPONDENTS
	NONE	MILD	MODERATE	SEVERE	EXTREME	DON'T KNOW		
<b>Age</b>								
15-29	95.1	3.6	0.7	0.3	0.1	0.2	100.0	3,353
30-44	91.5	6.5	1.3	0.3	0.1	0.3	100.0	3,755
45-59	71.5	18.2	7.3	2.3	0.2	0.6	100.0	1,256
60-69	50.8	28.7	13.0	6.0	0.6	1.0	100.0	362
70-79	29.8	33.6	27.7	5.5	0.9	2.6	100.0	135
80+	23.4	28.4	22.6	15.7	2.5	7.4	100.0	52
<b>Sex</b>								
Male	87.5	8.3	2.7	1.0	0.1	0.4	100.0	4,694
Female	86.6	8.7	3.2	0.9	0.2	0.5	100.0	4,218
<b>Nationality</b>								
Saudi	87.0	8.5	3.0	0.9	0.2	0.4	100.0	7,777
Non-Saudi	87.6	8.7	2.4	1.1	0.0	0.2	100.0	1,135
<b>Residence</b>								
Urban	87.0	8.4	2.9	1.0	0.2	0.4	100.0	7,687
Rural	87.4	9.0	2.7	0.6	0.1	0.3	100.0	1,225
<b>Wealth Quintile</b>								
Lowest	88.9	6.8	2.7	1.1	0.1	0.3	100.0	2,169
Second	88.6	7.9	2.7	0.4	0.1	0.3	100.0	1,918
Middle	87.9	8.9	2.1	0.5	0.4	0.3	100.0	1,694
Fourth	87.3	7.7	3.5	1.2	0.0	0.3	100.0	1,626
Highest	81.1	12.0	3.8	1.9	0.2	0.9	100.0	1,505
<b>Region</b>								
Riyadh	88.5	7.3	2.3	1.2	0.2	0.5	100.0	2,345
Makkah	86.5	8.2	3.5	1.5	0.3	0.1	100.0	2,257
Madinah	88.2	8.2	2.4	0.4	0.0	0.7	100.0	664
Qasim	87.2	7.7	2.7	0.1	0.0	2.2	100.0	364
Eastern Province	89.8	6.3	3.2	0.5	0.2	0.1	100.0	1,149
Asir	80.9	14.6	2.9	1.6	0.0	0.0	100.0	644
Tabuk	87.0	7.3	4.8	0.6	0.0	0.2	100.0	300
Hail	92.5	5.7	1.4	0.0	0.2	0.2	100.0	179
Northern Borders	85.7	10.5	2.3	0.6	0.2	0.7	100.0	87
Jizan	83.2	12.0	3.5	0.3	0.1	1.0	100.0	410
Najran	83.9	14.7	1.1	0.0	0.0	0.2	100.0	194
Bahah	77.7	15.8	5.2	1.1	0.0	0.3	100.0	153
Jawf	91.6	5.6	2.6	0.0	0.0	0.2	100.0	165
<b>Total</b>	<b>87.1</b>	<b>8.5</b>	<b>2.9</b>	<b>1.0</b>	<b>0.2</b>	<b>0.4</b>	<b>100.0</b>	<b>8,912</b>

Table 23: Vision test and aids

Percentage of respondents who have had a vision test and percentage of respondents who wear glasses/contact lenses, according to age, sex, nationality, residence, wealth and region [Saudi Arabia, 2019].

BACKGROUND CHARACTERISTIC	VISION AID (GLASSES/LENSES) FOR:		VISION TEST	NUMBER OF RESPONDENTS
	NEARSIGHTEDNESS	FARSIGHTEDNESS		
<b>Age</b>				
15-29	80.5	25.3	76.5	3,353
30-44	70.3	40.7	80.0	3,755
45-59	61.5	66.7	82.5	1,256
60-69	66.5	76.0	84.9	362
70-79	84.5	49.8	82.2	135
80+	100.0	100.0	89.5	52
<b>Sex</b>				
Male	73.6	47.4	80.6	4,694
Female	68.1	48.7	77.9	4,218
<b>Nationality</b>				
Saudi	71.3	48.1	79.8	7,777
Non-Saudi	69.8	46.8	76.6	1,135
<b>Residence</b>				
Urban	72.3	47.5	79.6	7,687
Rural	59.5	53.1	77.8	1,225
<b>Wealth Quintile</b>				
Lowest	68.2	53.0	72.0	2,169
Second	75.9	44.2	77.4	1,918
Middle	68.9	42.9	80.5	1,694
Fourth	67.7	53.7	82.6	1,626
Highest	73.3	47.2	87.7	1,505
<b>Region</b>				
Riyadh	71.6	40.2	80.3	2,345
Makkah	73.6	42.4	67.9	2,257
Madinah	77.7	72.7	75.6	664
Qasim	80.8	68.3	90.1	364
Eastern Province	77.0	62.4	91.7	1,149
Asir	53.2	48.2	87.0	644
Tabuk	77.5	56.4	79.3	300
Hail	79.1	53.5	67.8	179
Northern Borders	85.1	82.6	73.5	87
Jizan	59.6	65.4	86.9	410
Najran	54.9	91.3	89.8	194
Bahah	86.5	62.4	71.0	153
Jawf	49.1	62.2	90.8	165
<b>Total</b>	<b>71.1</b>	<b>48.0</b>	<b>79.4</b>	<b>8,912</b>



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