FutureWater

Climate risk assessment of key crops for the Agri-Food trade between Europe, Africa, and Turkey

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CREATE: Cross-Border Climate Vulnerabilities and Remote Impacts of Food Systems of the EU, Turkey and Africa: Trade, Climate Risk and Adaptation

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Executive summary

The objective of this study was to map crop-specific climate risks for key crop production in Turkey, Egypt, and Morocco under the mild SSP2-4.5 and the severe SSP5-8.5 climate change scenario. The crop-specific climate risk assessments resulted in the integration of datasets of climate change hazards, vulnerability, and exposure into district-level climate risk maps for the abovementioned countries. This assignment was conducted to shed light on cross-border climate risks on key crop production for agri-food trade between the EU and the aforementioned countries. The study is the contribution of FutureWater to the CREATE (Cross-Border Climate Vulnerabilities and Remote Impacts of Food Systems of the EU, Turkey, and Africa) project funded by the European Research Area Network (ERA-Net) Cofund on Food Systems and Climate (FOSC).

The key crops that were analyzed in this study were both annual crops (rice, potato) as well as perennial crops (apricot, fig, grape, hazelnut, orange, and tangerine). The climate risk assessment highlights the spatial distribution of crop-specific climate risks and provides insights into the regional implications of climate change on key crop production. For Turkey, it was found that apricot production was shown to be most sensitive to changes in the climate, as well as hazelnut production outside the northern Black Sea region. For all key crops, the southern regions are likely to experience a significantly higher risk of reduced agricultural production due to climate change effects in contrast to the northern regions, which generally show less risk and higher climate suitability.

Crop-specific climate risk assessments for Egypt showed a clear regional distribution of climate risks. Whereas the Upper and Middle Nile Regions are showing exacerbated climate risks for all crops, the results in the Nile Delta are more variable. A spatial trend can be discerned, indicating lower climate-related risk in the coastal regions of the Nile Delta, while further upstream the climate risk increases. Volume-wise the production of rice is most at risk of detrimental climate change effects. All crops were found to be sensitive to changes in the climate. However, potato production proved to be most sensitive to changes in environmental conditions resulting from exacerbated climate change.

In Morocco, the production of key crops orange and tangerine in Morocco are generally located in similar geographical and climatological regions. Additionally, both crops have similar climatological requirements and are thus affected by the same climate hazards. Consequently, a similar distribution of the percentage of key crop production over the risk categories was found for both orange and tangerine. As a result of this, it cannot be concluded whether one of the crops is more sensitive to climate change than the other. However, in terms of production, the key crop orange is more important.

Turkey, Egypt, and Morocco are likely to be affected by a different degree of climate risk for the SSP2-4.5 and the SSP5-8.5 scenarios. Whereas with the SSP2-4.5 scenario, Egypt shows a relatively favorable distribution of climate risks, Turkey and Morocco display a more severe expected situation. With the exacerbated climate change SSP5-8.5 scenario, Egypt indicates the most severe distribution of risk categories for key crop production, where large parts of the Nile Delta and upstream Nile Regions are likely to experience severe climate-related detrimental effects on key crop production. Less affected will be Morocco, where especially the inland cropping regions are more at risk than the coastal counterparts. Agricultural production of key crops in Turkey, while showing a more extreme distribution of climate risks in the future, will be least affected compared to the other two countries.

The outcomes of this study will be used to increase awareness of the risks that climate change poses to the agri-food trade and the broader economy at large. They will contribute to the efforts of the governments in the case study countries and development agencies, by providing essential information for promoting actions toward mitigating the negative consequences of climate change on agri-food trade.

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1 Introduction

1.1 Background

Agriculture and food production are on the front lines of climate change. The recent increase in extreme weather events has led to serious concerns about the future of agriculture in many parts of the world. In response, countries and regions have been seeking solutions to mitigate and adapt to the adverse impacts of climate change. Many countries have introduced measures and policy options to support their farmers and are developing strategies and policies to improve climate resilience (European Environment Agency., 2017). These strategies typically target agri-food systems only within the borders of the countries and regions because here rainfall and temperature anomalies have the most direct impact on the food system. This approach is reasonable because the production of a particular commodity depends on rainfall and water availability within the borders. Climate risks on these within-border water resources are thus of immediate concern.

On the other hand, most nations, and regions such as the European Union (EU), also use food ingredients and products that are not produced within their borders while being essential for food security and food systems, which includes manufacturing, production, and for direct consumption. This product flow through international trade means that these regions are connected to agricultural resources outside their borders. It also means they are vulnerable to any extreme weather events and possible climate impacts that occur in those exporting regions, a phenomenon called 'cross-border climate vulnerability'. For example, the Netherlands relies entirely on imports of soybean to meet its demand for animal feed. The deficit in soybean production in the Netherlands poses a significant risk to its economy, especially to its meat and dairy industry. This is because the high demand for the product is largely met by imports from elsewhere in the world. This makes the Netherlands' agri-food sector highly vulnerable to any disruption of soybean production that may occur because of weather shocks and climate change in the exporting countries.

This international flow of crops and food products by an importing area, such as the Netherlands or the EU, also creates subsequent environmental and social effects in the original production locations while creating value for producing counties. These imports can be a substantial part of existing problems of water depletion and pollution in producing regions since every step-in food system, growing, harvesting, transportation, production, packaging, and retail both consume and pollute water. It follows that the agri-food demand structure (e.g., dietary preferences, food consumption patterns) of the importing regions can be key in finding solutions to such problems. Furthermore, agricultural production in exporting regions provides the lion's share of greenhouse-gas emissions from the food system, up to 86% (Vermeulen et al., 2012) of all food-related anthropogenic greenhouse-gas emissions including manufacturing, transportation, and fertilizer input. In other words, agricultural imports and associated emissions contribute to climate change as well.

1.2 Scope

Knowledge and research on cross-border climate vulnerabilities and impacts of a geographic area is still a new topic in scientific literature. Nowadays, climate risk and impact assessments of food systems focus typically on the production within a geographic area only. Consequently, knowledge and research on the cross-border climate vulnerabilities of food systems have hardly received any attention. As a result, these remote impacts are poorly reflected in water, climate, and environmental policies and strategies at local, governmental, and regional levels as well.

To address these remote climate risks and impacts related to food systems, the CREATE project (Cross-Border Climate Vulnerabilities and Remote Impacts of Food Systems of the EU, Turkey, and Africa) aims to assess cross-border climate risks of agri-food systems consumed in Europe in relation to agricultural trade between Europe, Africa, and Turkey. CREATE focuses on agri-food commodities imported by Europe and how these imports may be impacted in the future under changing climate conditions. The project aims to enhance climate change risk studies for food systems by introducing the trade (import/export) dimension. Enhanced risk information, in turn, may enrich existing and recommend new policies to reduce climate risk for food value chains. As a result, CREATE aims to contribute to the improved understanding of remote impacts of food-production systems, requirements of trade specifications, and dietary choices.

CREATE specifically centers around four countries, namely the Netherlands (the importing country), Turkey, Egypt, and Morocco (the exporting country). The goal is to assess climate change impacts on selected key crops produced in Egypt, Morocco, and Turkey, and imported by the Netherlands. It elaborates on the cross-border climate change risk of agri-food systems in the Netherlands related to food imports from Egypt, Morocco, and the Netherlands. The outcomes of CREATE will be used to increase awareness of the risks that climate change poses to the agri-food trade and the broader economy at large. They can contribute to efforts by the governments (macro-scale), the communities (mesoscale), as well as relevant agricultural producers (micro-scale) in the case study countries, by providing essential information for promoting actions towards mitigating the negative consequences of climate change on agri-food trade.

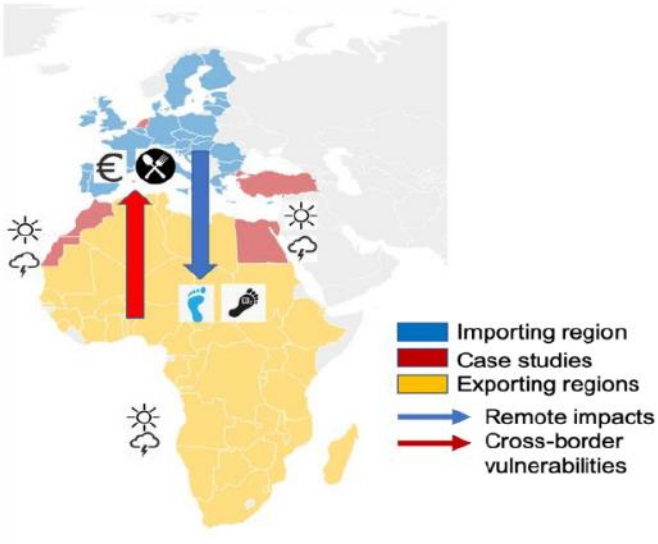


Figure 1: Conceptual approach of CREATE

1.3 Objectives

CREATE is formulated to understand the climate vulnerabilities of the food systems in the EU by looking at the climate sensitivities of crops traded with Africa and Turkey. It investigates how climate change impacts the value chains and crops produced in exporting regions and the subsequent impact on the agri-food industry and food security. The interaction between climate change effects on food systems in Africa and Turkey and their cascading impacts on European food systems and society is complex and requires multi-disciplinary analytical perspectives. In CREATE, this is done in three steps:

1. Determination of key-imported crops and food products by the EU from Africa and Turkey, and their key-producing regions. Key traded products and producing regions are selected based on trade

dependency, including identification of key-trading partners, dependencies on water use in producing regions, and the economic significance of traded products to the EU's economy and to the producing regions including relevance to food security.

2. Risk assessments of current cross-border vulnerabilities and impact of this trade on water resources and contribution to changing climate. Current vulnerabilities in key-producing regions are assessed by analyzing historical and future projected changes in water availability, water scarcity, drought severity, and total evapotranspiration affecting food systems.
3. Assessment of climate change impacts on key traded crops in key-producing regions and trade patterns by using a bottom-up approach. Impacts on crop and food production will be assessed under the plausible range of socio-economic and carbon emission scenarios for the year 2070.

During step 1 the following key agri-trade crops have been identified based on production and trade volumes for Turkey, Egypt, and Morocco (see Table 1). This report focuses on these selected key traded crops and their producing regions in the respective countries.

Table 1. Selected key agri-trade crops for Turkey, Egypt, and Morocco

Turkey	Egypt	Morocco
Apricot	Potato	Orange
Fig	Grape	Tangerine
Grape	Rice	
Hazelnut	Orange	

This report provides the results for steps 2 and step 3 of the CREATE approach. It focuses on climate vulnerabilities of key crops and food products, water risks, and impacts in their respective key-producing regions. In a novel approach, crop-specific climate risks are assessed by (1) identifying the multiple climate sensitivities that are specific to each key crop, (2) assessing changes in crop-specific climate indices predicted by a CMIP6 (latest) climate model ensemble, and (3) analyzing the implications of climate change impacts to the agri-food value chain between the EU and Africa and Turkey.

The outcomes of this study contribute to increasing awareness of the risks that climate change poses to the agri-food trade and the broader economy at large. They will contribute to the efforts of the governments in the case study countries and development agencies, by providing essential information for promoting actions toward mitigating the negative consequences of climate change on agri-food trade.

2 Methodology

2.1 Conceptual approach

The applied methodology is based on the well-established definition of risk as *the potential loss of life, injury, or destroyed or damaged assets that could occur to a system, society, or a community in a specific period, determined probabilistically as a function of* ***hazard***, ***exposure,*** *and* ***vulnerability*** (UNDRR, 2020). Risk, in general, is thus calculated as a function of the hazard occurrence probability and intensity (i.e., physical magnitude) in a particular location; the people and physical assets (infrastructure, housing, crops) situated in that location and therefore exposed to the hazard; and the level of vulnerability of the exposed people / physical assets to that hazard. Within the context of this report, the three components of risk are defined as follows:

- ***Hazard***: potential climate change impact intensity on key crop production
- ***Vulnerability***: sensitivity and adaptive capacity of key crop production to climate change impact
- ***Exposure***: the degree to which the key crop production is exposed to climate change impact

The sections below describe the methodological steps for assessing each of these components and the subsequent overall risk assessment. The flowchart provides a conceptual approach to the main methodology of the CREATE project (Figure 2).

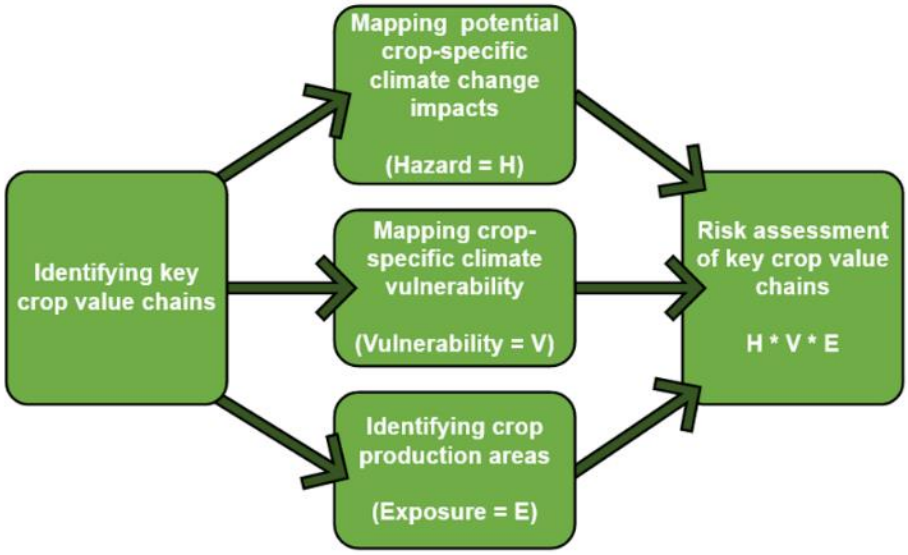


Figure 2: Flowchart of conceptual approach of the climate risk assessment of key crops.

2.2 Mapping potential crop-specific climate change impact intensity

2.2.1 General workflow

To evaluate the hazard component of risk, the *potential climate change impact intensity* on the production of the selected key crops was mapped at the national level. For quantification of the potential impact of climate change on these specific crop value chains, sets of crop-specific climate indicators were selected for each crop (see Section 2.2.3) that are indicative of the driving forces of climate-induced processes with detrimental impacts on the production of these crops. The selected indicators capture crop-specific climate stresses such as temperature stress, humidity stress, drought, water availability, and required winter cooling. Based on the precipitation, temperature, and humidity time series produced by General Circulation Models (GCMs), the indicators were quantified on a national scale for Turkey, Morocco, and Egypt. These indicators were calculated for a baseline scenario (1990-2020) as well as for two future climate scenarios (2060-2090). The main outputs of this component are maps that integrate the projected changes of climate stresses for each crop for each level 2 administrative unit.

2.2.2 Data collection and processing

The screening and assessment of climate change impacts typically involves comparing baseline situations with future scenarios in a specific future time slice. It requires the construction of both baseline climate conditions and climate variability conditions and their changes resulting from climate change. The long-term (~ 30 years) average of a climate variable is defined as the normal and is used as a baseline value. The anomaly of a climate variable is the variation relative to the climatological normal during a particular reference period. This approach was used to quantify potential harmful climate impacts on agricultural production of the key crop value chains. For this study, baseline conditions were defined for the period 1990 – 2020 and the future horizon was defined as 2060 – 2090 (i.e., 30 years centered around the year 2050). A 30-year period is a common practice in this type of analysis to account for interannual climate variability.

Projections of future climates are provided by GCMs. A solid assessment of climate change impact requires an ensemble approach, including multiple GCMs. To build on the latest insights from the climate science community, the NASA Earth Exchange (NEX) Global Daily Downscaled Projections dataset (NEX-GDDP-CMIP6)[1] was used. The NEX-GDDP-CMIP6 dataset is comprised of global downscaled climate scenarios (0.25 degree) derived from GCM runs conducted under the Coupled Model Intercomparison Project Phase 6 (CMIP6) and across greenhouse gas emissions scenarios called Shared Socioeconomic Pathways (SSPs). The CMIP6 GCM runs were developed in support of the Sixth Assessment Report of the Intergovernmental Panel on Climate Change (IPCC AR6). The dataset provides a set of global, high-resolution, bias-corrected climate change projections (Thrasher et al., 2022).

[1] https://www.nccs.nasa.gov/services/data-collections/land-based-products/nex-gddp-cmip6

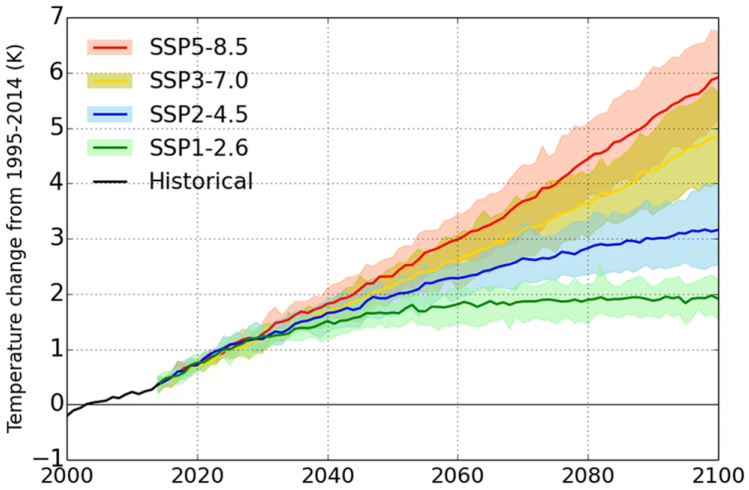


Figure 3. Time series of global mean surface temperature changes for the historical simulation (black) from 1995 to 2014, and future simulations for four SSP scenarios (Sung et al., 2021)**. The spread around the GCM ensemble means (solid line) is taken at the 5th and 95th percentile of different GCM projections.**

For this work, the SSP2-4.5 and the SSP5-8.5 CMIP6 model runs were compared to a baseline scenario with current climatic conditions (taken as 1990-2020). These model runs indicate different socioeconomic developments (SSPs) and different amounts of radiative forcing. The SSP2-4.5 scenario is considered a "middle of the road" scenario and is based on similar trends that are visible in the current time (2023), with a slow shift towards sustainable development goals. With a forcing level of 4.5 W/m^2 by 2100, it provides an average scenario for this analysis. As such, it should be noted that under this scenario energy and resource utilization declines over time, global population growth is moderate, and as such is an optimistic outlook (Riahi et al., 2016). The second scenario that was considered is the SSP5-8.5 narrative. This "fossil-fueled development" scenario marks the upper end of the CMIP6 scenarios, with high levels of fossil fuel use, a large increase in energy consumption, and global food demand (Kriegler et al., 2017). The global mean temperature development for both SSP scenarios between 2000 and 2100 is visualized in the time series of global mean surface temperature changes (Figure 3).

An analysis of all GCMs from CMIP6 was performed to determine which GCMs would be most suitable for the analysis. For all CMIP6 GCMs the yearly historical and future projections were calculated. The difference in precipitation (ΔP) and temperature (ΔT) was determined between the historical and future projections. Five GCMs that were in the 95% percentile of the ensemble projections were selected for further analysis (Table 2). From these GCMs daily precipitation (mm), mean temperature (°C), and near-surface relative humidity (%) were averaged and used to compute relevant indicators of climate change impact. More extreme GCM projections were chosen in order to properly dimension the potential climate risks, analogous to using return periods to assess the occurrence and severity of natural hazards.

Table 2 Selected CMIP6 GCMs for the climate hazard assessment.

No.	Abbreviation	Institution	Resolution (degrees)	Reference
1	CanESM5	Canadian Centre for Climate Modelling and Analysis (Canada)	0.25 x 0.25	(Swart et al., 2019)
2	EC-Earth3	EC-Earth consortium (International)	0.25 x 0.25	(Döscher et al., 2022)
3	GFDL-CM4	Geophysical Fluid Dynamics Laboratory (United States)	0.25 x 0.25	(Adcroft et al., 2019)
4	HadGEM3-GC31-MM	Met Office Hadley Centre for Climate Science and Services (United Kingdom)	0.25 x 0.25	(Andrews et al., 2020)

5	UKESM1.0-LL	Natural Environment Research Council & Met Office Hadley Centre for Climate Science and Services (United Kingdom)	0.25 x 0.25	(Sellar et al., 2019)

2.2.3 Crop-specific climate hazard indicators

The regions identified as potentially highly impacted were identified based on quantitative measures linked to potential crop-specific climate factors that affect the agricultural productivity of the selected key crops. The global scientific community has already established the main linkages between climate patterns and agricultural productivity. As highlighted in the IPCC special report on Climate Change and Land (Shukla et al., 2019), there is robust evidence that climate change is affecting the spread of agricultural pests, altering precipitation patterns, enhancing evapotranspiration, and exacerbating land degradation. Multiple, or all, of these aspects, have previously been integrated into climate suitability or climate risk assessments to determine the risk associated with climate impacts or to determine areas that meet the climatic requirements for crop production (An et al., 2023; di Lena et al., 2022; Kenny and Harrison, 1992)

When assessing impacts and risks associated with climate change, it is common practice to use the list of Climate Indices (CI) of daily temperature and precipitation extremes, included in the Climate Data Operator (CDO) software package[1]. CI are products derived from essential climate variables and provide descriptive indices of extremes for temperature and precipitation. For the current study, typical thresholds for temperature and precipitation extremes were changed to crop-specific thresholds to account for crop-specific climate stresses. Most indicators could be computed directly using daily GCM temperature and precipitation estimates. However, since annual potential evapotranspiration (ET_p) is not a standard output of the CMIP6 GCM suite, the $P - ET_p$ indicator was calculated using the Hargreaves equation (using CMIP6 GCM temperature estimates), following the approach used by (Schroth et al., 2016).

Apricots, figs, hazelnut, orange, grape, and tangerines are fruits that are harvested from woody perennial trees that are grown in orchards. The inherent characteristic of these perennial plants is that they grow for multiple years and are harvested at a particular time of the year. These plants have adapted to withstand the summer as well as the winter conditions. Nonetheless, there are certain limits to environmental stresses these crops can physiologically withstand before a plant experiences stress or damage. For all researched crops these thresholds differ slightly, resulting in varying degrees of climate resilience. Similarly, many temperate plant species require a certain amount of effective winter cooling to break dormancy, and to flower and fruit in synchronicity with the annual seasonality (Fadón et al., 2020a). Another important climatic stress factor for agricultural production is stress related to water. This is considered by estimating the relative change in total annual precipitation and annual water stress. An extensive literature review resulted in a shortlist of potential climate indicators which are listed below (Table 3).

Table 3. Indicators of potential climate impact

Description of indicator	Unit	Indicative of…
Number of days exceeding a crop-specific temperature threshold	days	Heat damage
Number of days exceeding a crop-specific humidity threshold	days	Cold damage
Number of days exceeding a crop-specific humidity threshold	days	Early ripening of fruits, risk of plant diseases
Total annual chilling units	chilling units (CU)	Exposure to effective winter temperatures

[1] *Schulzweida, 2019: CDO user guide (code.mpimet.mpg.de/projects/cdo)*

Description of indicator	Unit	Indicative of…
Total annual precipitation	mm	Water availability
Difference between annual precipitation and annual potential evapotranspiration (ET_p)	mm	Water stress (the extent to which water requirements are met by natural rainfall)

Because all crops exhibit different physiological characteristics, they are affected differently by certain climate impacts at different thresholds. The thresholds that were used for this analysis are presented in Table 4, Table 5, and Table 6. National maps of each indicator were calculated for baseline, SSP-2.45, and SSP5-8.5 scenarios. Subsequently, relative and absolute change maps were computed for each of the selected indicators, mapping differences between the future time horizon and current conditions. The individual crop-specific indicators were summed with equal weighting to produce an overall crop-specific index of potential climate change impact on agricultural production in 2060 – 2090.

Turkey[1]

Table 4. Selected indicator thresholds for apricot, fig, grape, and hazelnut production

No.	Threshold of indicator	Apricot	Figs	Grape	Hazelnut
1	Heat threshold	35°C	40°C	35°C	36°C
2	Humidity threshold	> 60%	-	< 80 %	> 60%
3	Chilling requirements	Yes	Yes	Yes	Yes

All crops in Turkey were found to have a heat stress threshold and need effective winter temperatures to break dormancy, and to flower and fruit in synchronicity with the annual seasonality. For most crops, except for figs, a humidity threshold was included.

Egypt[2]

Table 5. Selected indicators of potential climate impact on apricot production.

No.	Threshold of indicator	Grape	Orange	Potato	Rice
1	Heat threshold	35°C	40°C	35°C	36°C
2	Humidity threshold	< 80 %	-	<90 %	-
3	Chilling requirements	No	No	No	No

The chilling requirements were excluded from the analysis in Egypt because the specific key crop cultivars in Egypt are less susceptible to effective winter temperatures. Also, due to the year-round high temperatures, the chilling requirements were never met.

Morocco[3]

Table 6. Selected indicators of potential climate impact on apricot production.

No.	Threshold of indicator	Orange	Tangerine
1	Heat threshold	40°C	40°C
2	Cold threshold	0°C	0°C
3	Humidity threshold	No	No

The cold threshold was included for the citrus fruits because in the higher elevated regions of Morocco the climate could be colder and more unpredictable. No humidity threshold for orange and tangerine was found. Two indicators, the change in total annual precipitation and the difference between annual precipitation and annual potential evapotranspiration were calculated for all countries and included in all crop-specific climate hazards.

For the climate hazard analysis, the Sahara Desert was excluded in both Egypt and Morocco as the results from the CMIP6 climate projections were inconsistent and lacked spatial heterogeneity. The exclusion of the Sahara Desert hardly influenced the results of the study as little agricultural production

[1] (An et al., 2020; Caprio et al., 2006; Dokoozlian et al., 1995; Fadón et al., 2020b; Gradziel and Weinbaum, 1999; Gunduz et al., 2011; Li et al., 2021; Ustaoglu and * -Karaca, n.d.)
[2] (Singh et al., 2020; Southwick and Davenport, 1986; Venios et al., 2020; Wang et al., 2019; Otero et al., 2011)
[3] (Otero et al., 2011; Primo-Capella et al., 2021; Southwick and Davenport, 1986)

takes place in this geographical region. The integrated climate hazard indices for all crops, scaled between 0 and 1 and resulting from the integration of the indicators of Table 3, are presented as categorical classes of low, medium, high, and very high climate hazard and are classified as follows:

$$0.00 \leq Index > 0.25 = Low\ hazard$$
$$0.25 \leq Index > 0.50 = Medium\ hazard$$
$$0.50 \leq Index > 0.75 = High\ hazard$$
$$0.75 \leq Index \geq 1.00 = Very\ high\ hazard$$

2.3 Mapping of crop-specific climate vulnerability

2.3.1 General workflow

To evaluate the vulnerability component of risk, *the sensitivity and adaptive capacity* of key crop production were mapped. The crop-specific climate vulnerability, defined as the sensitivity and ability to cope with the impacts of climate change, was analyzed on the national level. To quantify the sensitivity of the system to climate change, sets of crop-specific climate vulnerability indicators were selected and integrated into a single vulnerability index. To the extent possible, similar to climate hazards, climate vulnerability was estimated for the SSP2-4.5 and the SSP5-8.5 emission pathways for the year 2060 to 2090. This resulted in the production of national maps indicating the relative vulnerability of key crop production in each level 2 administrative unit.

2.3.2 Data collection and processing

From prior knowledge of spatial climate vulnerability assessments, it is known that the degree of significance of each of the determining vulnerability factors differs between case studies. However, to ensure methodological consistency across the three focus regions in this study, it was required to adopt a shortlist of factors that can be assumed as generally influential in determining the vulnerability of key crop agricultural production to climate impacts. The following datasets were included to cover both socioeconomic vulnerability, physical vulnerability, and integrated modelled vulnerabilities (Table 7). The following vulnerability data sets were included:

1. **Gross Domestic Product (GDP)**, where high values indicate a higher adaptive capacity to the potential impacts of climate change.
2. **Available Water Content (AWC)** of the soil, where lower values indicate a lower potential for water storage.
3. **Water Supply**, a modeled indicator using GCM scenarios of total renewable surface water.
4. **Water Demand**, a modeled indicator using GCM scenarios of total water requested by users.
5. **Water Stress**, a modeled indicator using GCM scenarios of competition for water resources defined as the ratio of demand for water by human society divided by available water.

Table 7: Input datasets for mapping the crop-specific climate vulnerability.

No.	Dataset	Unit	Resolution	Source	Reference
1	Gross Domestic Product	USD $	District level	Turkish Statistical Institute	(TURKSTAT, 2021)
				Ministry of Planning and Economic Development, Egypt, 2021	(MPED, 2021)[1]
				Oxford Analytica, Morocco	(Oxford Analytica, 2020)
2	Total Available Water	mm	250m	Calculated from Available Water Content (AWC) from HiHydroSoil	(Simons et al., 2020)
3	Water Supply Scenarios	-	Sub-basin	Aqueduct: Water Risk Atlas	(Luck et al., 2015b)
4	Water Demand Scenarios	-	Sub-basin	Aqueduct: Water Risk Atlas	(Luck et al., 2015b)
5	Water Stress Scenarios	-	Sub-basin	Aqueduct: Water Risk Atlas	(Luck et al., 2015b)

Gross Domestic Product

The Gross Domestic Product (GDP) was selected as an indicator of climate vulnerability as it is an indicator of the adaptive capacity of the administrative unit. The unit of GDP is standardised for all three countries in United States Dollars ($). As stated earlier, areas with a high GDP have more money to protect themselves from potential climate change impacts than areas with a lower GDP. For this analysis, the most up-to-date GDP data were used for Turkey (2021), Egypt (2021), and Morocco (2020) from a variety of sources. The resulting maps of GDP were static and therefore no future projections of GDP were made, and a single map was used for both the calculation of the SSP2-4.5 and SSP5-8.5 climate vulnerability.

Total Available Water

The second climate vulnerability layer that was used in the integrated climate vulnerability assessment is the Total Available Water (TAW) of the soil. The TAW of the soil affects climate vulnerability as it determines the potential water storage in the root zone that plants can extract, thus providing a physical proxy for the dependency on rainfall and the ability to sustain droughts (Kairis et al., 2014). The TAW is expressed in mm and is calculated by multiplying crop-specific rootzone depths with the Available Water Content (AWC) of the soil according to Equation 1. The resulting maps of TAW were static and therefore no future projections of TAW were made, and a single map was used for both the calculation of the SSP2-4.5 and SSP5-8.5 climate vulnerability.

$$TAW = AWC * Rootzone\ depth\ [mm] \quad (1)$$

The AWC is the volume of pore space [m^3/m^3] in the soil between the field capacity and the wilting point that can provide plants with water (Ritchie, 1981). The AWC is dependent on soil type and is extracted from the HiHydroSoil 2.0 database. The AWC from HiHydroSoil 2.0 is provided in six standard soil depths (Table 8). Due to differences in plant physiology, some plants can grow longer roots than others. To include this in the analysis, the AWC of different soil depths from HiHydroSoil was summed to the average root zone depth of the crop (Table 9). The inclusion of rootzone depth in the TAW makes the integrated vulnerability indices crop specific.

[1] https://mped.gov.eg/

Table 8: Standard soil depths of HiHydroSoil 2.0

Name	Standard depth	Thickness of layer
Soil depth 1	0 – 5 cm	5 cm
Soil depth 2	5 – 15 cm	10 cm
Soil depth 3	15 – 30 cm	15 cm
Soil depth 4	30 – 60 cm	30 cm
Soil depth 5	60 – 100 cm	40 cm
Soil depth 6	100 – 200 cm	100 cm

Table 9: Input datasets for mapping the crop-specific climate vulnerability.

Key crop	Rootzone depths from HiHydroSoil	Country	Source
Hazelnut	0 to 200 cm	Turkey	(İslam, 2018)
Apricot	0 to 200 cm	Turkey	(Ruiz-Sánchez et al., 2005)
Fig	0 to 200 cm	Turkey	(Khalighi et al., 2011)
Orange	0 to 200 cm	Morocco & Egypt	(Adriano et al., 2017)
Tangerine	0 to 200 cm	Morocco	(Castle and Youtsey, 1977)
Rice	0 to 100 cm	Egypt	(Mishra et al., 1997)
Potato	0 to 100 cm	Egypt	(de Freitas et al., 2019)
Grape	0 to 200 cm	Turkey & Egypt	(Keller, 2020)

Aqueduct Water Risk

The remaining climate vulnerability layers that were included in the integrated climate vulnerability index were modelled water supply, water demand, and water stress from the Aqueduct Water Risk Atlas of the World Resources Institute (WRI). These three data layers are outputs of model scenarios based on CMIP5 climate data and provide information on the sub-basin scale for both the SSP2-4.5 and SSP3-4.5 climate scenarios. In this study, SSP3-4.5 is used as a substitute for the SSP5-8.5 scenario that is used for climate hazard, and therefore likely less severe. The data was downloaded from the Water Risk Atlas for the years 2020 and 2040 and linearly extrapolated to the horizon of 2075. Similar to the hazard intensity, national maps of each vulnerability indicator were calculated for baseline, SSP2-4.5, and SSP5-8.5 scenarios. Subsequently, vulnerability change maps were computed for each of the selected layers, mapping differences between the future time horizon and current conditions.

The data that was used for the Water Risk Atlas model scenarios are extracted from the fifth phase of the Coupled Model Intercomparison Project (CMIP5) dataset, containing state-of-the-art climate data from a wide variety of climate models (Taylor et al., 2012). CMIP5 is the earlier version of CMIP6 that was used for climate hazard analysis. The CMIP5 models that were used in the Water Risk Atlas of Aqueduct are determined based on their availability of required data for the RCP-4.5 and RCP-8.5 scenarios, and their ability to reproduce historical runoff scenarios (Luck et al., 2015b). The CMIP5 GCMs that were used for the projections are included in Table 10.

Table 10. CMIP5 GCMs used in Aqueduct projections (Luck et al., 2015a)

No.	Abbreviation	Institution	Resolution (degrees)	Reference
1	CCSM4	National Center for Atmospheric Research (United States)	1.25 x 0.9375	(Gent et al., 2011)
2	CNRM-CM5	National Center for Meteorological Research – European Center for Research and Advanced Training in Scientific Computation (France)	1.4 x 1.4	(Voldoire et al., 2013)
3	GFDL-ESM2M	NOAA Geophysical Fluid Dynamics Laboratory (United States)	2.5 x 2	(Dunne et al., 2012)
4	INM-CM4	Institute for Numerical Mathematics (Russia)	2 x 1.5	(Volodin et al., 2018)
5	MPI-ESM-LR	Max Planck Institute for Meteorology (Germany)	1.875 x 1.875	(Giorgetta et al., 2013)
6	MRI-CGCM3	Meteorological Research Institute (Japan)	1.125 x 2.25	(Yukimoto et al., 2012)

WRI's Aqueduct water supply projections are based on modelled outcomes of renewable surface water, while potential water withdrawals were used to determine the water demand projections. The change in water withdrawals was calculated by dividing the summarised withdrawals for the target year by the baseline year (2010). Since irrigation use varies by climate, unique estimates of consumptive and non-consumptive agricultural withdrawal were generated for each year. These estimates were determined by calculating the mean of the 21-year window around the target year for each ensemble member, scenario, and target year. Water stress projections were based on the potential competition for water resources, which is informally defined as the ratio of demand for water by human society to available water. Water stress was measured by calculating the ratio of total water withdrawals to the available renewable surface and groundwater supplies, considering the impact of upstream water users and large dams on downstream water availability. Higher values indicate increased competition among users (Luck et al., 2015b).

Similar to the climate hazard maps, the Sahara Desert was excluded in both Egypt and Morocco The integrated climate hazard indices for all crops, scaled between 0 and 1 and resulting from the integration of the indicators of Table 3, are presented as categorical classes of low, medium, high, and very high climate hazard and are classified as follows:

$$0.00 \leq Index > 0.25 = Low\ vulnerabilty$$
$$0.25 \leq Index > 0.50 = Medium\ vulnerabilty$$
$$0.50 \leq Index > 0.75 = High\ vulnerability$$
$$0.75 \leq Index \geq 1.00 = Very\ high\ vulnerability$$

2.4 Climate exposure

To evaluate the exposure of the production areas of the selected key crops to potential harmful climate impacts, national mapping of cropland was required. For Turkey datasets of crop production areas were used that were retrieved from the Turkish Statistical Institute (TURKSTAT). These datasets contained crop production at level-2 administrative units for 2021. In Egypt and Morocco, crop production data was retrieved from the EarthStat database (Monfreda et al., 2008). EarthStat provides data on harvested areas and yields for 175 crop types at 0.08-degree (~10 km) resolution for the year 2000. From this dataset, gridded yield files for each of the identified cash crops were downloaded and clipped to the boundaries of the three geographical focus areas. The gridded EarthStat data was aggregated using a weighted summation to level-2 administrative units to match the Turkish crop production data. The

climate exposure data was used as a mask for the key crop-specific climate risk assessment. The key crop production per risk category was calculated in Section 2.5.

2.5 Crop-specific risk assessment

The separate components for hazard and vulnerability were multiplied and masked to the cropland of the designated key crop. Thereafter, the resulting climate risk was scaled between 0 and 1 and calculated for both the SSP2-4.5 and the SSP5-8.5 scenarios. Combined, the maps provide an overall assessment of the risk of increased climate-induced processes detrimental to the identified key crop production in Turkey, Egypt, and Morocco. Climate risk was categorized into four classes (*low*, *medium*, *high*, and *very high*). This approach allowed for the estimation of the portions of crop production and district area that are considered at risk, compared to total crop production and district area at the national level. The total production and total district area under the different categories of climate change risk on climate-induced reduction in agricultural productivity key were computed for each country and summarized in tables. Finally, the results were combined into a cross-border risk analysis.

3 Climate risk assessment of key crop production

This chapter presents the variation in climate impacts on a national scale and compares the crop-specific climate risks of the key crops for each country included in the analysis.

3.1 Turkey

The following sub-chapters present the climate risk assessment of key crop production in Turkey per district. The spatial variability in production is presented as well as the climate hazards, vulnerabilities, and associated climate risks. At the end of each sub-chapter, the results are summarized in risk matrices for both the SSP2-4.5 and SSP5-8.5 scenarios. Tables with district-specific levels of climate hazard, vulnerability, and risk in Turkey are included in Appendix 1.

3.1.1 Apricot

Apricot (*Prunus armeniaca*) production is widespread in Turkey although most production is concentrated in clustered districts (Figure 4). The least apricot production takes place in the northern Black Sea region, where in some districts along the coast there is no apricot production at all. The largest fraction of the national production is produced in the Mediterranean Region, reaching up to almost 90.000 tons per district.

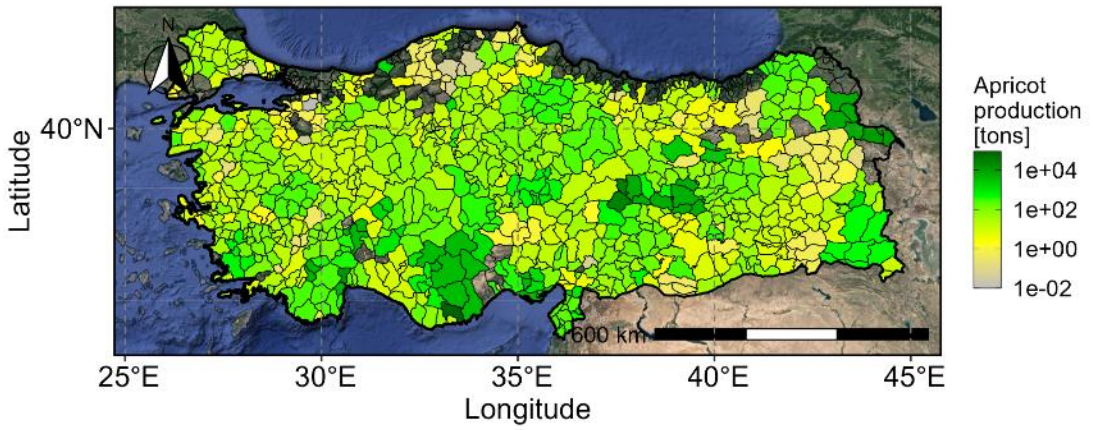


Figure 4: Spatial distribution of average annual apricot production in Turkey from 2013 to 2019 (TURKSTAT, 21).

The integrated climate hazard index for apricot production in Turkey shows that the lowest climate hazards are expected in the northeastern region of Turkey (Figure 5). For the SSP5-8.5 scenario, the low climate hazard index region expands, and the whole northern Black Sea Region, as well as the northern areas of Central and Eastern Anatolia, display a low potential climate hazard. Overall, the southern Mediterranean and Aegean Regions are highly susceptible to climate change impacts. For the SSP2-4.5 scenario, very-high risks are likely to occur only in a few districts, however, for the SSP5-8.5 scenario, the climate change hazard is expected to be very high in the whole of the southern coastal areas. The severity of expected climate hazard shifts northwards with the more extreme SPP5-8.5 climate scenario.

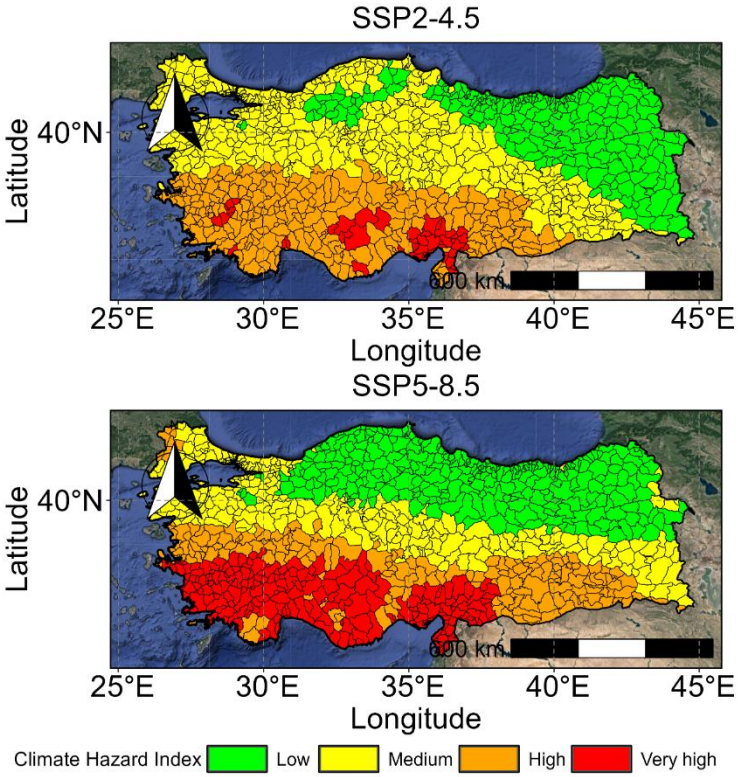


Figure 5: Potential climate change impact on apricot production in Turkey for the SSP2-4.5 and SSP5-8.5 scenarios (2060-2090).

The integrated climate vulnerability index for agricultural production indicates the sensitivity of the Turkish agricultural systems to climate change and the ability to cope with the detrimental effects of exacerbated climate hazards. The vulnerability index for Turkey shows a similar spatial distribution for both the SSP2-4.5 and the SSP5-8.5 scenario with higher vulnerability to climate change impacts in the northeastern regions of Eastern Anatolia and the east of the Black Sea Region. The provinces of Van, Bitlis, Muş, Erzurum, and Erzincan all show very high climate vulnerability for both scenarios. The southwest of the country is generally less vulnerable but more variable. For both scenarios, the province of Ankara and the southern adjacent provinces show medium climate vulnerability, as well as the northwestern and southwestern areas of the Aegean and Marmara Region respectively.

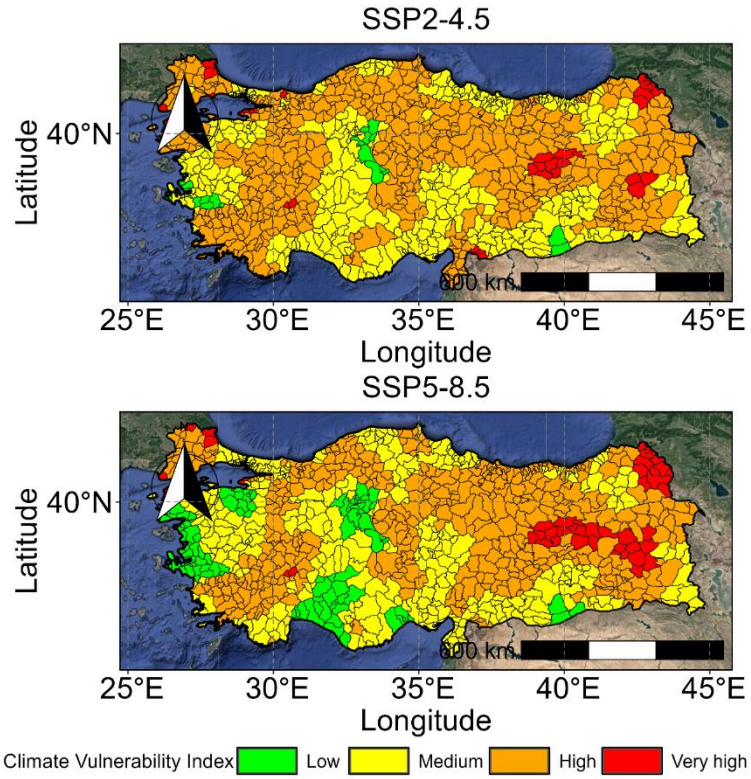


Figure 6: Apricot production vulnerability map of Turkey for the SSP2-4.5 and SSP5-8.5 scenarios (2060-2090).

The integrated climate risk index for apricot production in Turkey shows the integration of climate hazard, vulnerability, and exposure (Figure 7). Areas without apricot production are excluded from the risk analysis. For both the SSP2-4.5 and the SSP5-8.5 scenario the range in climate risk is similar (low to very high). Both scenarios indicate a similar spatial distribution with medium to very high climate risks in the southern Aegean and Mediterranean Regions. The Central and Eastern Anatolia regions are affected by medium to high climate risks whereas the northern Marmara and Black Sea regions indicate little climate risk.

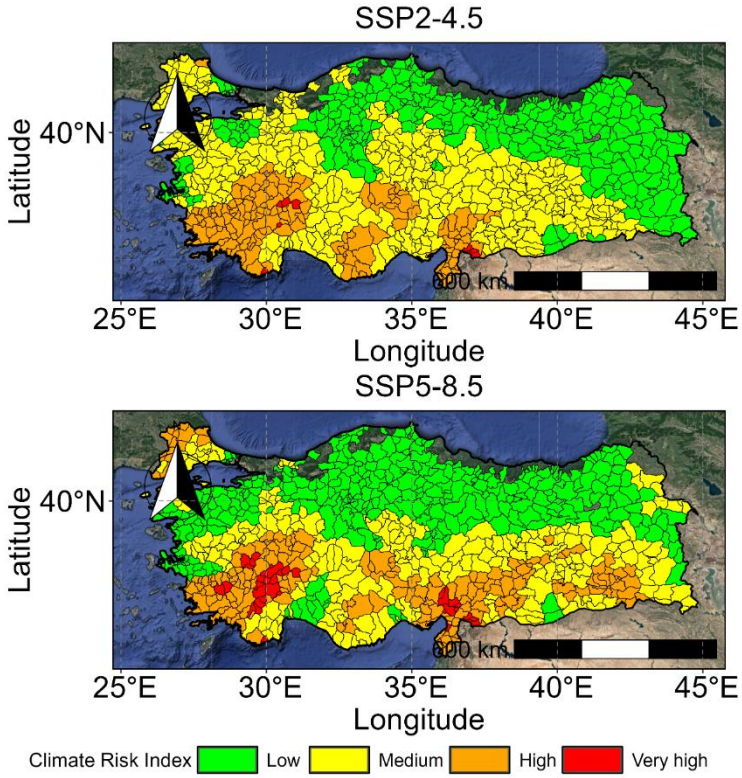


Figure 7: Risk map of reduced apricot production due to climate change effects in Turkey for the SSP2-4.5 and SSP5-8.5 scenarios (2060-2090).

The total average annual production of grapes in Turkey equals approximately 396,319 tons (2013-2019) and is produced in a total district area of 736,655 km^2. For the SSP2-4.5 scenario, the largest fraction of grapes is produced in the medium-risk category (54%), whereas the low-risk and high-risk categories produce 11%, and 32% respectively. For the SSP2-4.5 scenario, a small portion of 4% of national grape production is produced under the very high-risk category (Table 11). With exacerbated climate change, the SSP5-8.5 scenario shows larger production in the low-risk category (20%). Key crop production in the medium-risk class shrinks is 47%. The high-risk class and very high-risk class show percentages of 23% and 10% of national production respectively (Table 12).

Table 11: Apricot production and district area in Turkey for the SSP2-4.5 scenario for each of the risk classes.

Risk class	Production (Tons)	District area (km^2)	% of national production	% of district area
Low	41,428	171,229	11%	23%
Medium	214,796	379,075	54%	52%
High	124,720	170,125	32%	23%
Very high	15,375	16,226	4%	2%
Total	**396,319**	**736,655**	**100%**	**100%**

Table 12: Apricot production and district area in Turkey for the SSP5-8.5 scenario for each of the risk classes.

Risk class	Production (Tons)	District area (km^2)	% of national production	% of district area
Low	78,899	230,807	20%	31%
Medium	187,349	252,659	47%	34%
High	90,992	182,689	23%	25%
Very high	39,079	70,501	10%	10%
Total	**396,319**	**736,655**	**100%**	**100%**

3.1.2 Fig

The production of figs (*Ficus carica)* is spread along the larger coastal areas of Turkey and is primarily produced in Southeastern Anatolia, the Mediterranean, Aegean, Marmara, and the Black Sea Regions, and to a lesser extent the Eastern Anatolia Region (Figure 4). Little to no production takes place in the central regions of Central Anatolia and Eastern Anatolia. Overall, the largest fraction of national production is in the southern Aegean and Mediterranean regions.

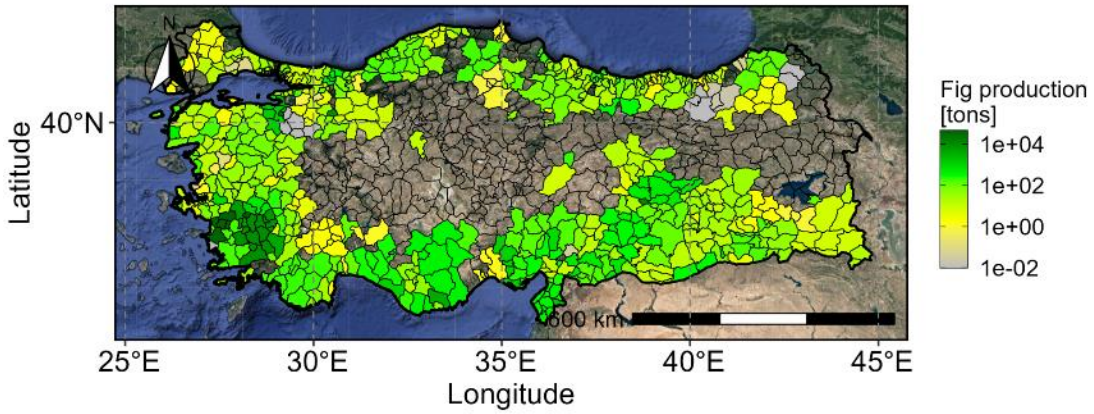


Figure 8: Spatial distribution of average annual fig production in Turkey from 2013 to 2019 (TURKSTAT, 21).

The integrated climate hazard index for fig production in Turkey shows that the lowest climate hazards are expected in the northeastern region of Turkey (Figure 9), similar to the distribution of the hazards of apricots. For the SSP5-8.5 scenario, the low climate hazard index region expands south and westwards, and the whole northern Black Sea Region, as well as the northern areas of Central and Eastern Anatolia, indicates a low potential climate hazard. Overall, the Southeastern Anatolian, Mediterranean, and Aegean regions are highly susceptible to climate change impacts. For the SSP2-4.5, scenario very-high risks are primarily located in Southeastern Anatolia along the Syrian border. For the SSP5-8.5 scenario, the very-high-risk region expands in Southeastern Anatolia as well as in the Aegean Region. The severity of expected climate impact intensity only increases in the southern areas of the country. While the northern and eastern regions are likely to be less affected.

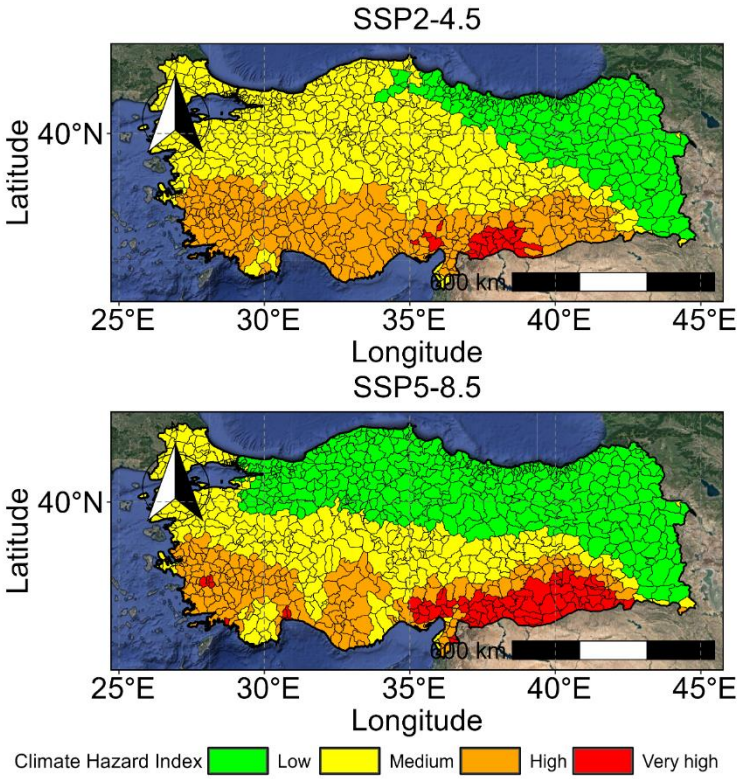


Figure 9. Potential climate change impact on fig production in Turkey for the SSP2-4.5 and SSP5-8.5 scenarios (2060-2090).

The integrated climate vulnerability index for fig production is identical for all analyzed key crops in Turkey. Therefore, for the following key crop climate risk assessments the climate vulnerability results of Figure 6 were used. This figure indicated a higher vulnerability to climate change impacts in the northeastern regions of Eastern Anatolia and the east of the Black Sea Region. The provinces of Van, Bitlis, Muş, Erzurum, and Erzincan both show a very-high climate vulnerability for both scenarios. The southwest of the country is generally less vulnerable but more variable.

In terms of climate risk, the range of risk in both the SSP2-4.5 and the SSP5-8.5 scenarios is similar (low to very high) (Figure 10). Both scenarios indicate a similar spatial distribution with low to very high climate risks in the Aegean, Mediterranean, and Southeastern Anatolian Regions, where Southeastern Anatolia portrays the highest potential risks associated with exacerbated climate change. The northern Marmara and Black Sea regions indicate little climate risk and show a low to medium risk for the SSP2-4.5 scenario. For the SSP5-8.5 scenario, the risks in the northern areas of Turkey are low. Areas without fig production in the central regions of Turkey were excluded from the risk analysis.

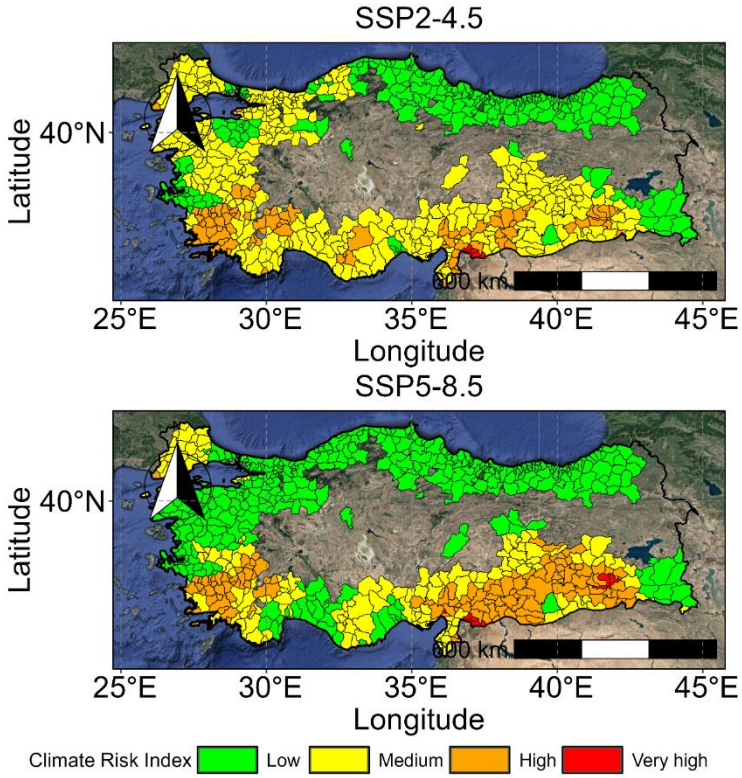


Figure 10: Risk map of reduced fig production due to climate change effects in Turkey for the SSP2-4.5 and SSP5-8.5 scenarios (2060-2090).

The total annual average production of figs in Turkey amounts to approximately 509,079 tons (2013-2019) and is produced in a total district area of 498,625 km^2. For the SSP2-4.5 scenario, the largest fraction of grape production is produced in the medium-risk category (57%), whereas 18% and 25% of national key crop production are produced in the low and high-risk categories respectively. A negligible amount (>0.5%) of production takes place in the high-risk category (Table 13). With exacerbated climate change, the SSP5-8.5 scenario shows a larger percentage of national production being produced in the low-risk category (36%). 23% of national fig production is in the medium-risk category. The high-risk and very high-risk categories account for 3% and less than 1% of national production (Table 14)

Table 13: Fig production and district area in Turkey for the SSP2-4.5 scenario, for each of the risk classes.

Risk class	Production (Tons)	District area (km^2)	% of national production	% of district area
Low	93,576	113,323	18%	23%
Medium	287,853	259,720	57%	52%
High	126,693	121,070	25%	24%
Very high	957	4,512	0%	1%
Total	**509,079**	**498,625**	**100%**	**100%**

Table 14: Fig production and district area in Turkey for the SSP5-8.5 scenario, for each of the risk classes.

Risk class	Production (Tons)	District area (km^2)	% of national production	% of district area
Low	183,538	234,920	36%	47%
Medium	175,874	135,876	35%	27%
High	144,412	110,670	28%	22%
Very high	5,255	17,159	1%	3%
Total	**509,079**	**498,625**	**100%**	**100%**

3.1.3 Grape

Grape (*Vitis vinifera*) production is widespread in Turkey and is primarily produced in the southern regions of Southeastern Anatolia, the Mediterranean, and the Aegean regions. However, other clusters of grape-producing districts occur throughout the country. The areas with the least production are the northern parts of the Eastern Anatolia Region, and the outer western and eastern areas of the Central Anatolian region (Figure 11).

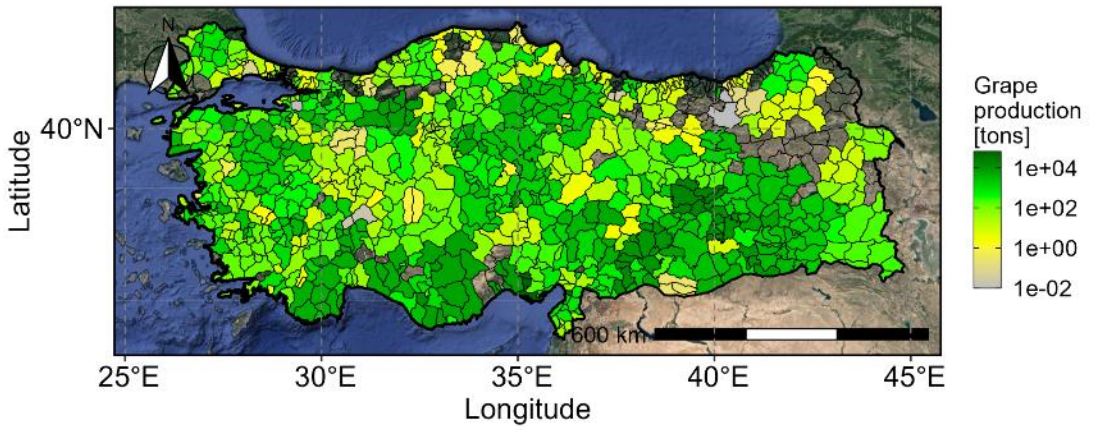


Figure 11: Spatial distribution of average annual grape production in Turkey from 2013 to 2019 (TURKSTAT, 21).

The map of the integrated climate hazard index for grape production in Turkey generally exhibits similar characteristics as for apricot and fig production (Figure 12). The lowest climate hazards are expected in the northeastern region of Turkey. The low climate hazard index region expands south and westwards with the SSP5-8.5 scenario, and the whole northern Black Sea Region, as well as the northern areas of Central and Eastern Anatolia, indicate a low potential climate hazard. For the SSP2-4.5 scenario, very-high risks are primarily located in the eastern Mediterranean and the Aegean regions. With exacerbated climate change, the SSP5-8.5 scenario shows a significant increase in the extent of the very-high climate hazard extent covering most of the southern coast. The severity of expected climate impact intensity only increases in the southern areas of the country. While the northern and eastern regions are likely to be less affected.

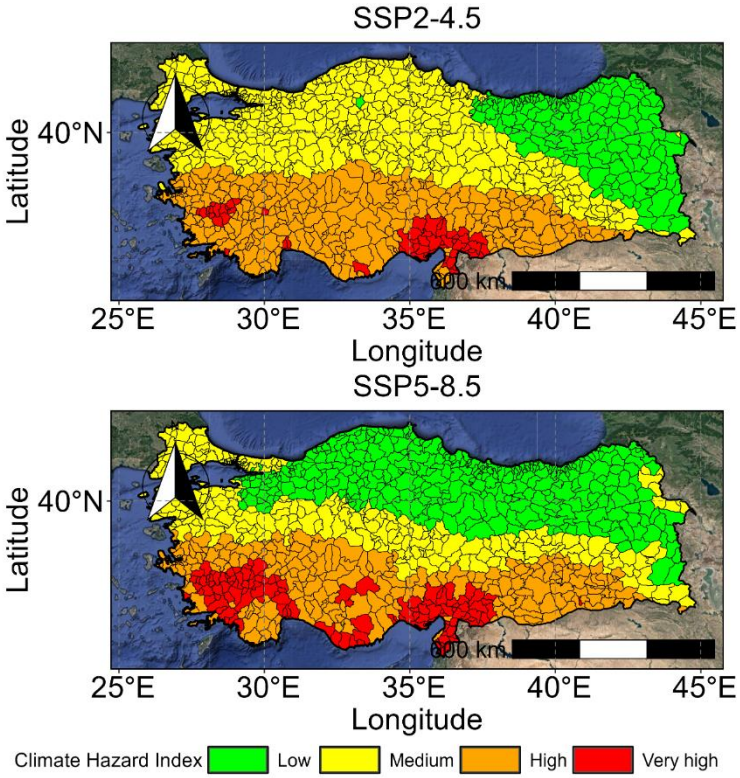


Figure 12. Potential climate change impact on grape production in Turkey for the SSP2-4.5 and SSP5-8.5 scenarios (2060-2090).

The climate vulnerability of grape production is similar to Figure 6, which reveals heightened vulnerability to climate change in the northeast of Eastern Anatolia and east of the Black Sea Region. Provinces such as Van, Bitlis, Muş, Erzurum, and Erzincan exhibit an extremely high climate vulnerability in both scenarios. Meanwhile, the southwest of the country exhibits lower vulnerability, but with increased variability.

The range of potential climate risk in both the SSP2-4.5 and SSP5-8.5 scenarios is similar, from low to very high (Figure 13). The climate risk spatial distribution shows a strong regional variability with higher risks in the Aegean, Mediterranean, and Southeastern Anatolian regions, with the Aegean and Southeastern Anatolian regions exhibiting the highest potential risks. Two hotspots of climate risk exist in the eastern tip of the Mediterranean region and the inland areas of the Aegean region. Meanwhile, the northern Marmara and Black Sea regions have little climate risk and exhibit a low to medium risk in the SSP2-4.5 scenario. For the SSP5-8.5 scenario, the risks in northern Turkey are low. The central regions of Turkey without fig production were excluded from the risk analysis. The areas where no grapes are produced are excluded from the risk analysis.

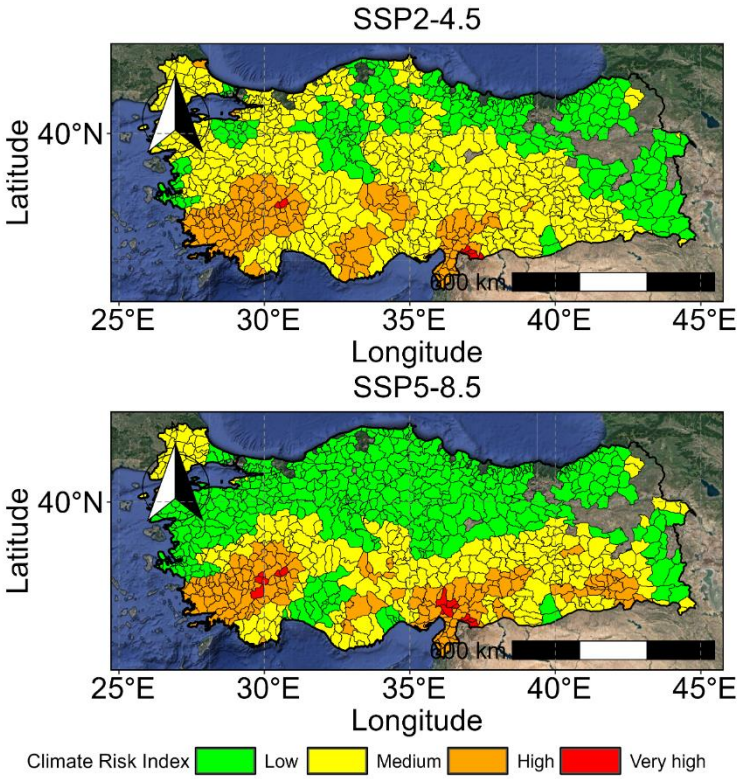


Figure 13: Risk map of reduced grape production due to climate change in Turkey for the SSP2-4.5 and SSP5-8.5 scenarios (2060-2090).

The total annual average production of grapes in Turkey equals approximately 1,614,120 tons (2013-2019) and is produced in a total district area of 722,713 km^2. For the SSP2-4.5 scenario, the largest fraction of grape production is produced in the medium-risk classified category (61%), whereas the low-risk and high-risk categories produce 18%, and 19% respectively. Only 2% of national grape production takes place in the very high-risk category (Table 15). With exacerbated climate change, the SSP5-8.5 scenario shows, similar to the prior key crops, high key crop production in the low-risk category (43%). The medium-risk category is lower and accounts for 30% of national grape production. The high-risk class and very high-risk class produce 25% and 2% respectively (Table 16).

Table 15: Grape production and district area in Turkey for the SSP2-4.5 scenario, for each of the risk classes.

Risk class	Production (Tons)	District area (km^2)	% of national production	% of district area
Low	291,486	129,701	18%	18%
Medium	985,658	429,210	61%	59%
High	304,004	154,563	19%	21%
Very high	32,972	9,238	2%	1%
Total	**1,614,120**	**722,713**	**100%**	**100%**

Table 16: Grape production and district area in Turkey for the SSP5-8.5 scenario, for each of the risk classes.

Risk class	Production (Tons)	District area (km^2)	% of national production	% of district area
Low	699,618	305,134	43%	42%
Medium	481,788	218,131	30%	30%
High	395,688	181,033	25%	25%
Very high	37,027	18,414	2%	3%
Total	**1,614,120**	**722,713**	**100%**	**100%**

3.1.4 Hazelnut

Hazelnut (*Corylus avellana*) production is concentrated in the central Black Sea Region and the bordering Marmara Region of Turkey (Figure 14). Spread throughout the country some clustered districts of production areas occur in locations with similar climatological and geographical areas. For the crops analyzed in this crop-specific risk assessment, hazelnut is the crop that is produced on the smallest spatial extent.

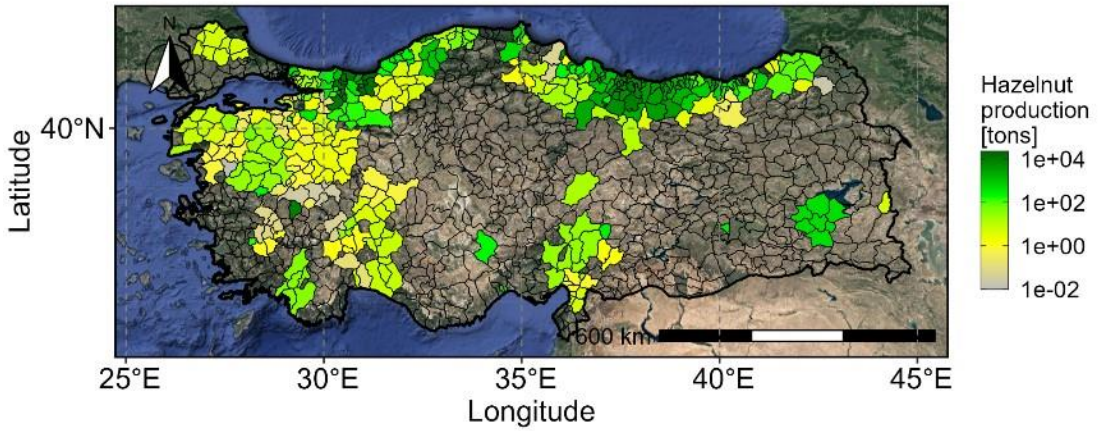


Figure 14: Spatial distribution of average annual hazelnut production in Turkey from 2013 to 2019 (TURKSTAT, 21).

In both the SSP2-4.5 and SSP5-8.5 scenarios, the range of potential climate hazards is similar and ranges from low to very high (Figure 15). The spatial distribution of the potential hazard reveals significant regional variability, with the Aegean, Mediterranean, and Marmara regions having a very-high potential climate impact intensity, which is stable for both scenarios. Large swaths of Anatolia have a high impact potential. For the SSP2-4.5 scenario, solely the northeastern part of the Eastern Anatolia Region and the east of the Black Sea Region indicate a low expected climate hazard. For the SSP5-8.5 scenario, the low-hazard class increases in size and covers most of the Black Sea Region.

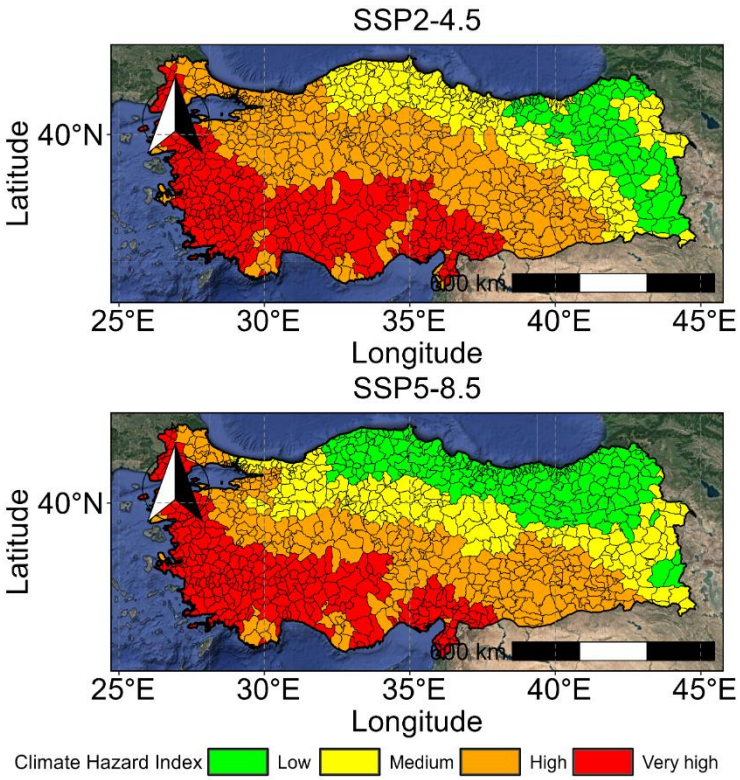


Figure 15. Potential climate change impact on hazelnut production in Turkey for the SSP2-4.5 and SSP5-8.5 scenarios (2060-2090).

The vulnerability of hazelnut production in Turkey indicates a greater vulnerability to climate impacts in the northeastern regions of Eastern Anatolia and the east of the Black Sea Region. The provinces of Van, Bitlis, Muş, Erzurum, and Erzincan are both highly susceptible to climate change in both scenarios. For the climate risk assessment, the vulnerability layer is used as depicted in Figure 6.

The range of potential climate risk in both the SSP2-4.5 and SSP5-8.5 scenarios is similar, from low to very high (Figure 16). The climate risk spatial distribution shows a strong regional variability with higher risks in the Aegean, Mediterranean, and Southeastern Anatolian regions, with the Aegean and Southeastern Anatolian regions exhibiting the highest potential risks. Overall, the Marmara region depicts medium to high climate risk for both climate scenarios, while the Black Sea Region is most favorable with low to medium climate risks.

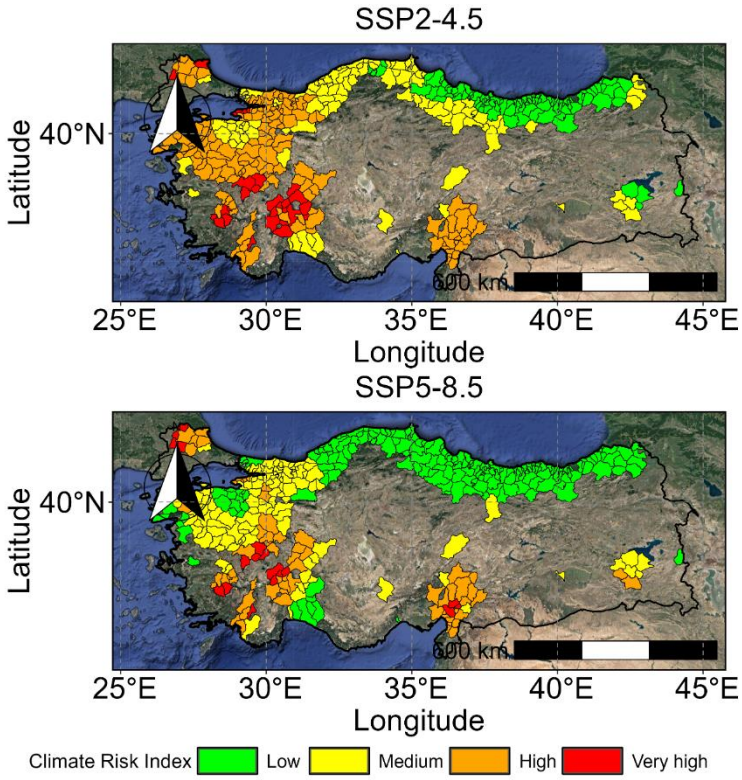


Figure 16: Risk map of reduced hazelnut production due to climate change in Turkey for the SSP2-4.5 and SSP5-8.5 scenarios (2060-2090).

The total annual average production of hazelnut in Turkey amounts to approximately 343,959 tons (2013-2019) and is produced in a total district area of 268,863 km^2. For the SSP2-4.5 scenario, the largest fraction of grape production is produced in the medium-risk classified category (42%), whereas the low-risk and high-risk categories produce 14%, and 27% respectively. 17% of national production takes place in the very high-risk category (Table 17). With exacerbated climate change, the SSP5-8.5 scenario shows a large fraction of key crop production in the low-risk category (44%). The medium-risk category accounts for 25% of national hazelnut production, while the high-risk and very high-risk categories produce 19% and 12% (Table 18).

Table 17: Hazelnut production and district area in Turkey for the SSP2-4.5 scenario, for each of the risk classes

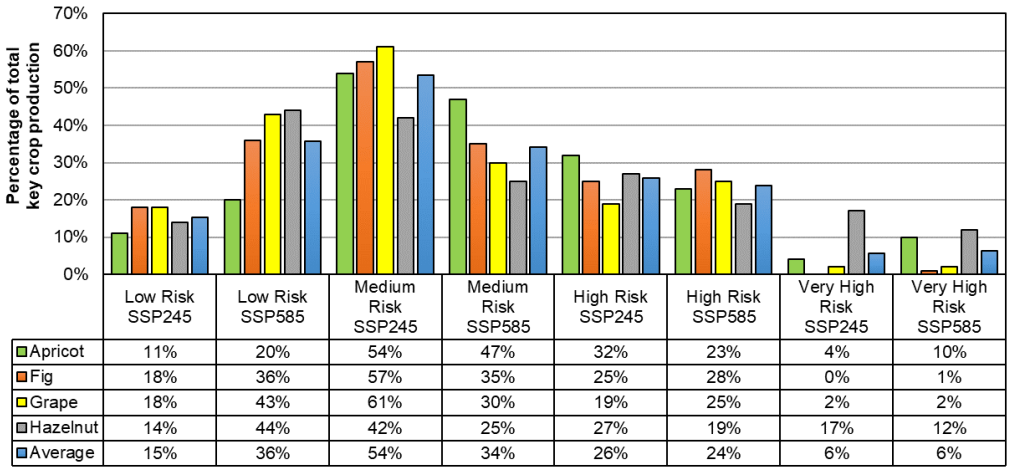
Risk class	Production (Tons)	District area (km^2)	% of national production	% of district area
Low	46,813	29,078	14%	11%
Medium	143,900	93,996	42%	35%
High	93,415	89,550	27%	33%
Very high	59,822	56,240	17%	21%
Total	**343,950**	**268,863**	**100%**	**100%**

Table 18: Hazelnut production and district area in Turkey for the SSP5-8.5 scenario, for each of the risk classes.

Risk class	Production (Tons)	District area (km^2)	% of national production	% of district area
Low	150,321	99,082	44%	37%
Medium	85,881	83,125	25%	31%
High	66,170	60,277	19%	22%
Very high	41,579	26,379	12%	10%
Total	**343,950**	**268,863**	**100%**	**100%**

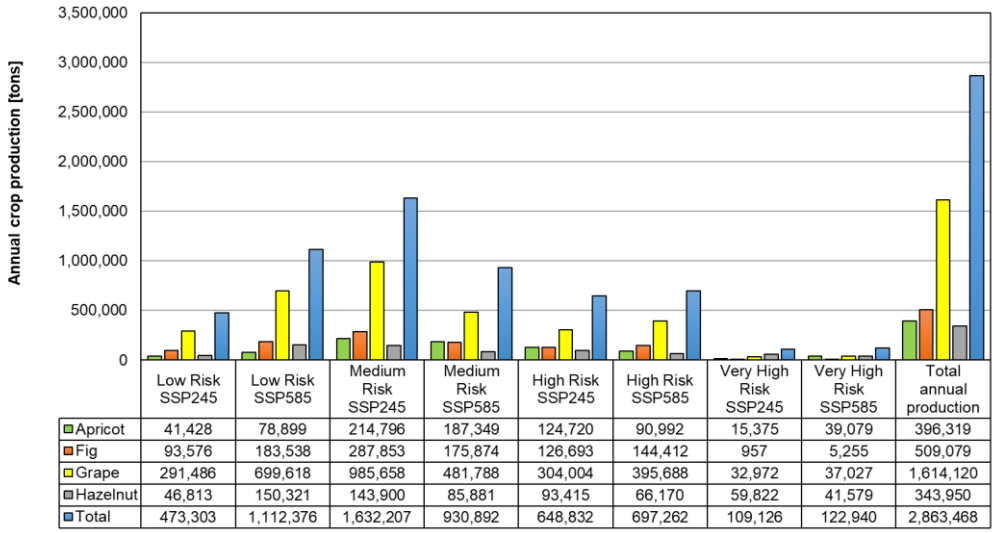
3.1.5 Climate risk summary - Turkey

The bar charts of annual key crop production per risk category show the distribution of Turkish national key crop production in terms of percentage (Figure 17) and in tons produced (Figure 18). The results of the climate risk assessment for Turkey show that with the exacerbated climate SSP5-8.5, the climate suitability for all key crops increases in the north. The southern and western regions of Turkey are likely to be less suitable for all key crops in the severe climate change scenario. This shows that within Turkey there is plenty of variation in climate change effects on key crop production. Figure 18 shows that the largest produced crop is grape with a yield of approximately 1,614,120 tons per year. The other three key crops have average annual crop production ranging between 343,000 and 510,000 tons. Overall, the largest key crop production occurs in the medium-risk category for the SSP2-4.5 scenario, and low-risk for the SSP5-8.5 scenario.



	Low Risk SSP245	Low Risk SSP585	Medium Risk SSP245	Medium Risk SSP585	High Risk SSP245	High Risk SSP585	Very High Risk SSP245	Very High Risk SSP585
Apricot	11%	20%	54%	47%	32%	23%	4%	10%
Fig	18%	36%	57%	35%	25%	28%	0%	1%
Grape	18%	43%	61%	30%	19%	25%	2%	2%
Hazelnut	14%	44%	42%	25%	27%	19%	17%	12%
Average	15%	36%	54%	34%	26%	24%	6%	6%

Figure 17: Distribution of annual key crop production in percentage per risk category in Turkey for the SSP2-4.5 and SSP5-8.5 scenarios (2060-2090).



	Low Risk SSP245	Low Risk SSP585	Medium Risk SSP245	Medium Risk SSP585	High Risk SSP245	High Risk SSP585	Very High Risk SSP245	Very High Risk SSP585	Total annual production
Apricot	41,428	78,899	214,796	187,349	124,720	90,992	15,375	39,079	396,319
Fig	93,576	183,538	287,853	175,874	126,693	144,412	957	5,255	509,079
Grape	291,486	699,618	985,658	481,788	304,004	395,688	32,972	37,027	1,614,120
Hazelnut	46,813	150,321	143,900	85,881	93,415	66,170	59,822	41,579	343,950
Total	473,303	1,112,376	1,632,207	930,892	648,832	697,262	109,126	122,940	2,863,468

Figure 18: Distribution of annual key crop production in tons per risk category in Turkey for the SSP2-4.5 and SSP5-8.5 scenarios (2060-2090).

3.2 Egypt

The following sub-chapters present the climate risk assessment of key crop production in Egypt per district. The spatial variability in production is presented as well as the climate hazards, vulnerabilities, and associated climate risks. At the end of each sub-chapter, the results are summarized in risk matrices for both the SSP2-4.5 and SSP5-8.5 scenarios. Tables with district-specific levels of climate hazard, vulnerability, and risk in Egypt are included in Appendix 2.

3.2.1 Grape

The production of grapes (*Vitis vinifera*) is widespread in Egypt and according to Earthstat (2000), the largest producing districts are found in the Middle Nile region, in the governorates of Minya and Beni Suef (Figure 19). In the central region of the Nile Delta, in the governorates of Gharbia and Dakhlia also heightened fractions of national production can be found.

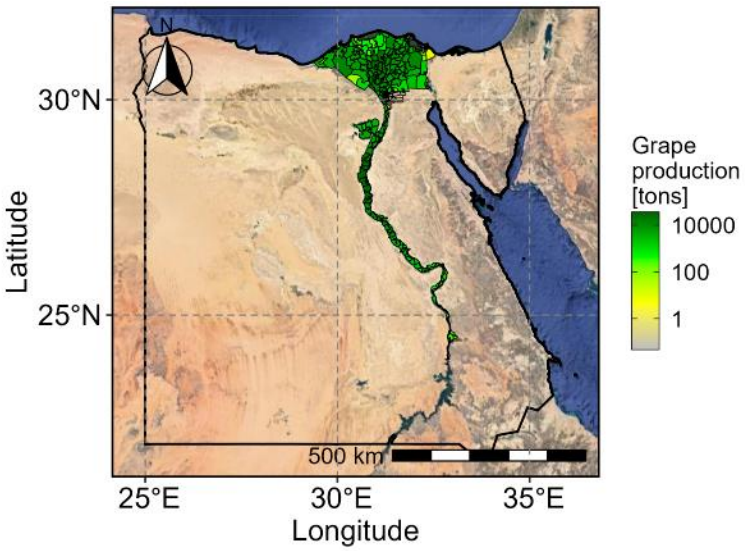


Figure 19: Spatial distribution of annual grape production in Egypt in the year 2000 (EarthStat, 2000).

The integrated climate hazard index for grape production in Egypt shows a clear regional distribution of climate hazards (Figure 20). Generally, the coastal regions of the Nile Delta display the least potential climate impact hazards with low to medium values for the SSP2-4.5 scenario, and low to high values for the SSP5-8.5 scenario. The highest potential climate change impacts are found at the apex of the Nile Delta. In the SSP2-4.5 scenario, large areas of the governorates of Monufia, Qalyubia, Al Sharqia, Cairo, Faiyum, and Beni Suef are in the high potential climate change impact region, which changes to very high potential impact in the SSP5-8.5 region. The Upper Nile region shows little variability in potential climate change impacts. In the SSP2-4.5 scenario, the whole Upper Nile is expected to experience a medium potential impact, while in the SSP5-8.5 scenario, this exacerbates to high potential climate change impact. The Sahara was excluded from the analysis due to the low-quality implications of the CMIP6 data.

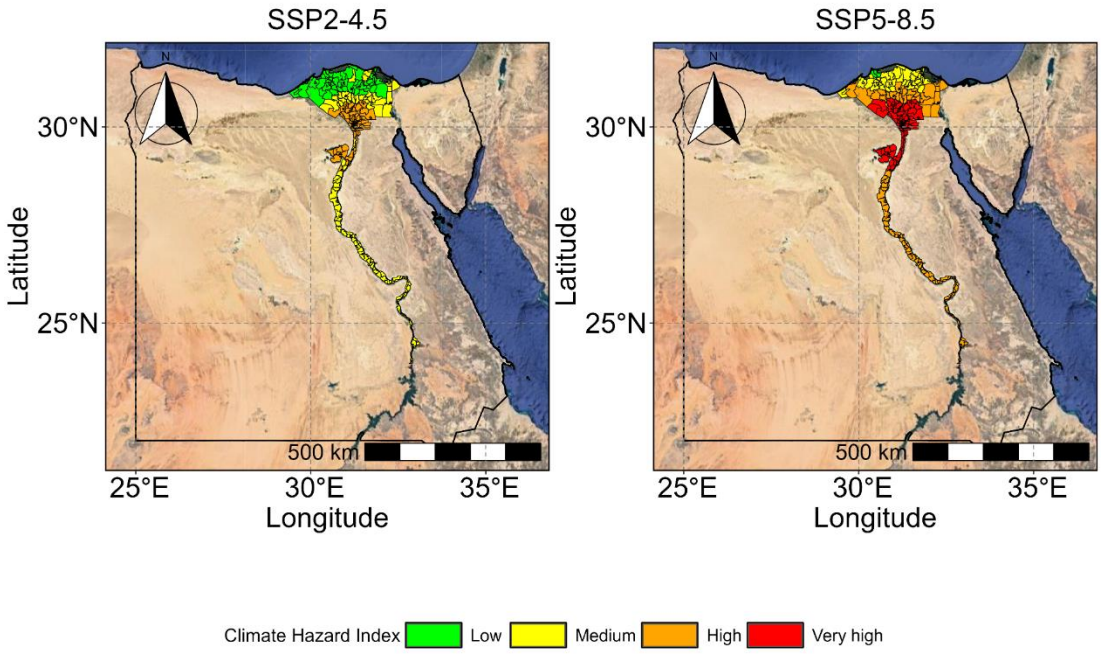


Figure 20. Potential climate change impact on grape production in Egypt.

The integrated vulnerability index for grape production in Egypt indicates that for both the SSP2-4.5 and the SSP5-8.5 scenario the range in vulnerability is relatively similar (high to very high), with a few districts around Cairo experiencing a medium climate vulnerability with SSP2-4.5 (Figure 21). Both scenarios indicate a similar spatial distribution with very high climate vulnerability in the Upper Nile region, and high to very high climate vulnerability in the Nile Delta and the Lower Nile region. With exacerbating climate change, the SSP5-8.5 scenario shows an increase in the extent of very high climate vulnerability.

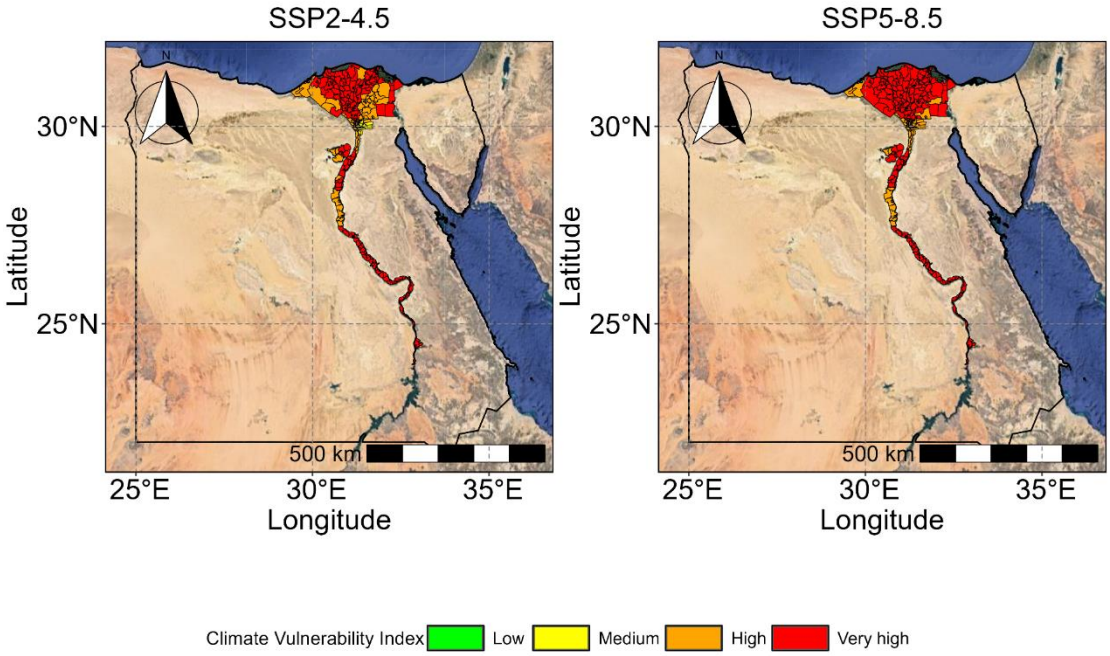


Figure 21: Grape production vulnerability map of Egypt.

The integrated climate risk index for grape production in Egypt indicates the spatial variation in climate change risk (Figure 22). The climate risk shows a clear regional distribution with generally lower climate risks along the coast and higher climate risks further inland. For the SSP2-4.5 scenario, that is low climate risk along the coastal regions of the delta and medium in the rest of the country. With exacerbated climate change, the SSP5-8.5 scenario, the low-risk region almost entirely disappears and is replaced by the medium-risk category. In the latter scenario, high risk is to be expected near the apex of the Nile Delta and the Middle and Upper Nile region. The Fayoum oasis and a few districts in the south of the delta indicate a very-high potential climate risk.

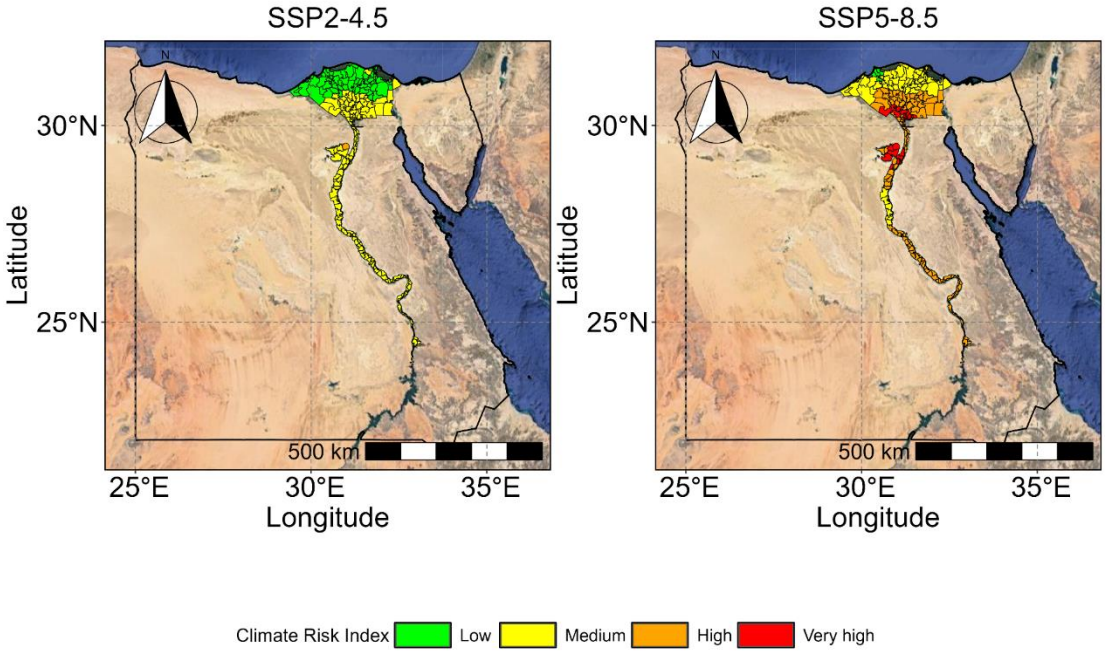


Figure 22: Risk map of reduced grape production due to climate change in Egypt (2060 – 2090).

The total annual production of grapes in Egypt is approximately 776,318 tons (Earthstat, 2000) and is produced in a total district area of 38,298 km^2. For the SSP2-4.5 scenario, the largest fraction of national grape production is produced in the medium-risk category (64%), whereas the low-risk and high-risk categories produce 33%, and 3% respectively. No grape production takes place in the very high-risk category (Table 19). With exacerbated climate change, the SSP5-8.5 scenario shows little production in the low-risk category (4%). The medium-risk category accounts for 33% of national grape production. The high-risk and very high-risk categories produce 53% and 10% respectively (Table 20).

Table 19: Grape production and district area in Egypt for the SSP2-4.5 scenario, for each of the risk classes.

Risk class	Production (Tons)	District area (km^2)	% of national production	% of district area
Low	190,551	9,957	29%	30%
Medium	466,764	22,671	71%	69%
High	147	78	0%	0%
Very high	0	0	0%	0%
Total	**657,461**	**32,706**	**100%**	**100%**

Table 20: Grape production and district area in Egypt for the SSP5-8.5 scenario, for each of the risk classes.

Risk class	Production (Tons)	District area (km^2)	% of national production	% of district area
Low	6,911	572	1%	2%
Medium	217,559	10,096	33%	31%
High	368,270	19,015	56%	58%
Very high	64,721	3,024	10%	9%
Total	**657,461**	**32,706**	**100%**	**100%**

3.2.2 Orange

The production of orange (*Citrus sinensis*) is primarily located in the Nile Delta (Figure 23). Little production of oranges takes place in Middle and Upper Egypt along the Nile River. The largest orange-producing governorates of Egypt are Beheira, Ismailia, Qalyubia, and Monufia. The sporadic production surrounding oases is not considered in this climate risk assessment.

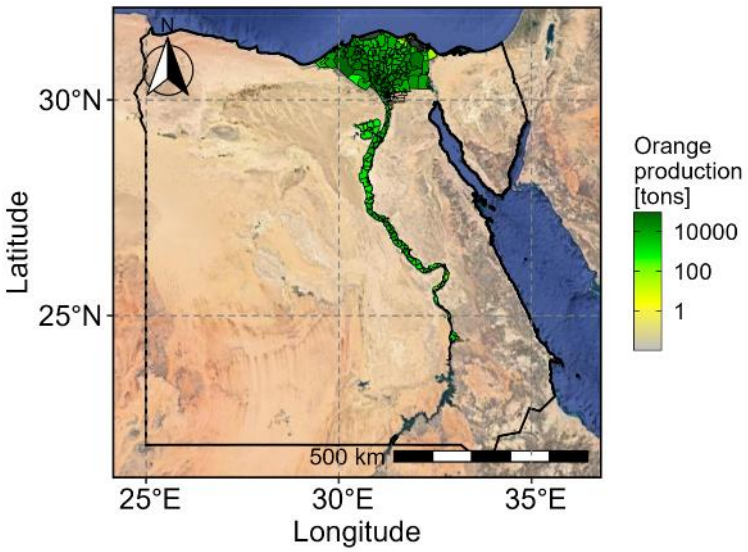


Figure 23: Spatial distribution of annual orange production in Egypt in the year 2000 (EarthStat, 2000).

The integrated climate hazard index for orange production in Egypt demonstrates a regional distribution of climate hazards (Figure 24). The Nile Delta coast displays the lowest potential impact of climate change with low to medium values for the SSP2-4.5 scenario and medium to high values for the SSP5-8.5 scenario. The highest climate hazards, however, are found at the top of the Nile Delta, where the governorates of Monufia, Qalyubia, Al Sharqia, and Cairo, fall within the high potential impact zone in the SSP2-4.5 scenario, escalating to very high potential impact in the SSP5-8.5 scenario. The Upper Nile region, on the other hand, shows limited variability in the potential impact of climate change, with a medium potential impact in the SSP2-4.5 scenario and a high potential impact in the SSP5-8.5 scenario.

The integrated vulnerability index for orange production in Egypt is the same for all investigated key crops. Therefore, the figure of the same map is not presented. For the climate risk assessment of orange production, the spatial distribution of climate vulnerability in Figure 21 was used. That figure showed that for both the SSP2-4.5 and the SSP5-8.5 scenario the range in vulnerability is high to very high, with a few districts around Cairo experiencing a medium climate vulnerability with SSP2-4.5. Both scenarios indicate a similar spatial distribution with very high climate vulnerability in the Upper Nile region, and high to very high climate vulnerability in the Nile Delta and the Lower Nile region. With exacerbating climate change, the SSP5-8.5 scenario shows an increase in the extent of very high climate vulnerability.

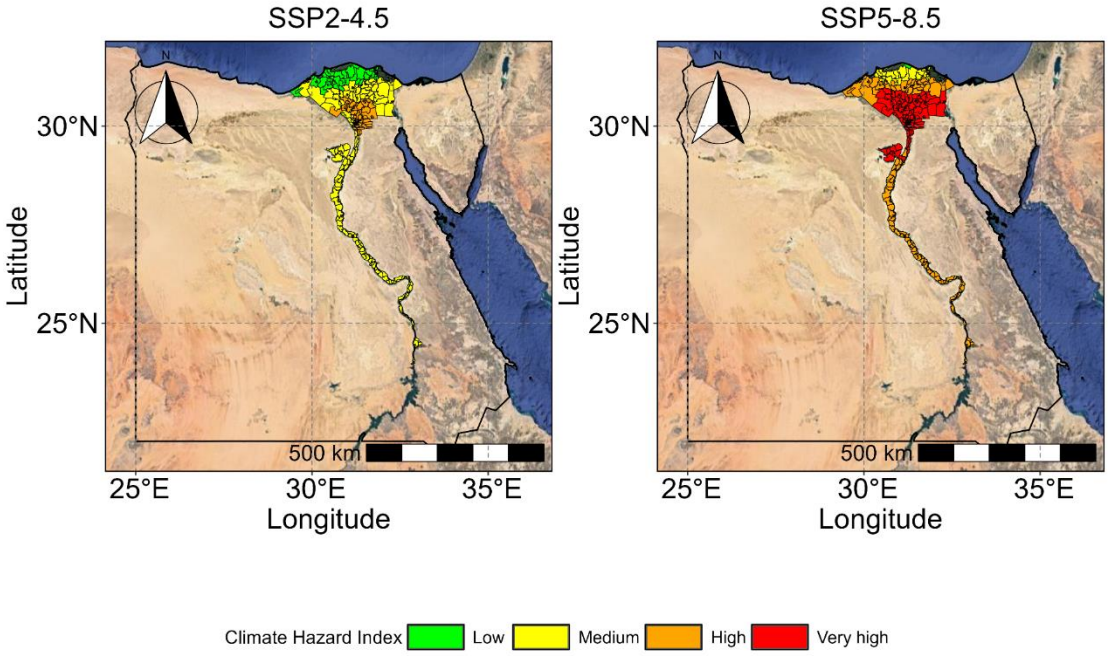


Figure 24. Potential climate change impact on orange production in Egypt for the SSP2-4.5 and SSP5-8.5 scenarios (2060-2090).

The climate risk index for orange production in Egypt varies regionally (Figure 25). Coastal areas have a lower climate risk, while inland regions face a higher risk. Under the SSP2-4.5 scenario, with mild climate change, the coastal delta has low risk while the rest of the country faces medium risk, with an exemption of the high-risk region at the apex of the Nile Delta. However, with increased climate change in the SSP5-8.5 scenario, low-risk areas nearly disappear and are replaced by medium and high-risk regions. The apex and southern regions of the Nile Delta along with the Fayoum oasis face a very high potential for climate risk.

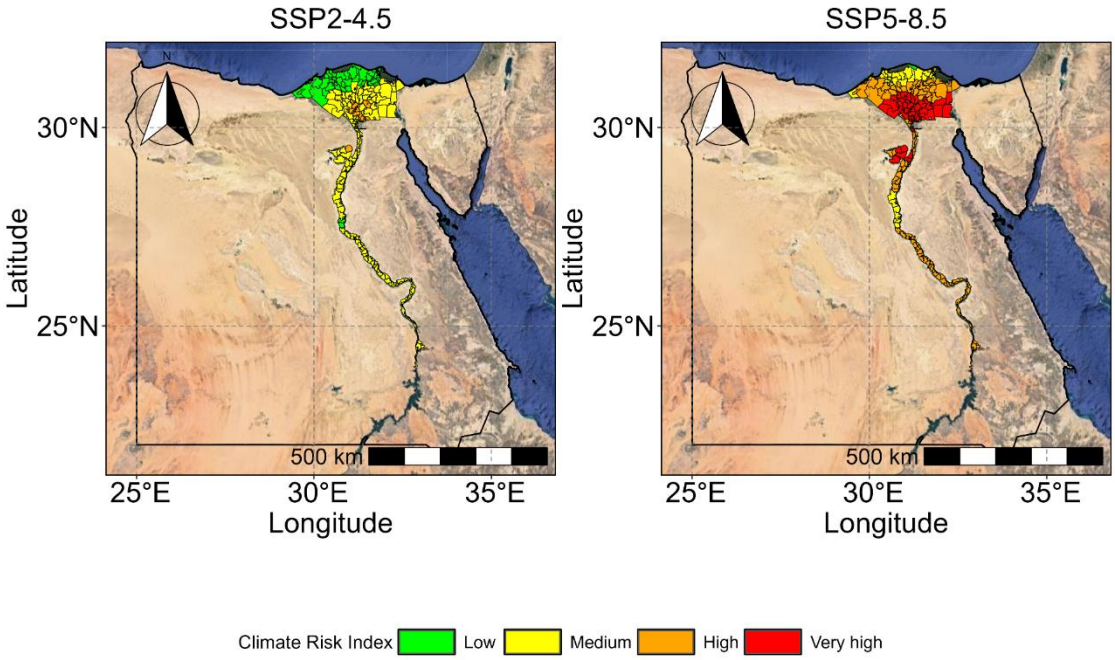


Figure 25: Risk map of reduced orange production due to climate change in Egypt for the SSP2-4.5 and SSP5-8.5 scenarios (2060-2090).

The total annual production of oranges in Egypt is approximately 1,331,455 tons (Earthstat, 2000) and is produced in a total district area of 38,298 km^2. For the SSP2-4.5 scenario, the largest fraction of national orange production is produced in the medium-risk category (66%), whereas the low-risk and high-risk categories both produce 17%. No orange production takes place in a very high-risk category (Table 21). With exacerbated climate change, the SSP5-8.5 scenario shows a large percentage of national orange production in the high-risk (58%) and very high-risk (33%) categories (Table 22).

Table 21: Orange production and district area in Egypt for the SSP2-4.5 scenario, for each of the risk classes.

Risk class	Production (Tons)	District area (km^2)	% of national production	% of district area
Low	200,227	7,743	19%	24%
Medium	808,157	23,607	78%	72%
High	31,855	1,356	3%	4%
Very high	0	0	0%	0%
Total	**1,040,239**	**32,706**	**100%**	**100%**

Table 22: Orange production and district area in Egypt for the SSP5-8.5 scenario, for each of the risk classes.

Risk class	Production (Tons)	District area (km^2)	% of national production	% of district area
Low	25,784	333	3%	1%
Medium	152,210	5,697	15%	17%
High	629,163	18,980	61%	58%
Very high	233,081	7,696	22%	24%
Total	**1,040,239**	**32,706**	**100%**	**100%**

3.2.3 Potato

The production of potatoes (*Solanum tuberosum*) is widespread in Egypt; however, most crops are produced in the Nile Delta (Figure 26). Production of potatoes also takes place in Middle and Upper Egypt along the Nile River. The largest potato-producing governorates of Egypt are Beheira and Ismailia. The sporadic production surrounding oases is not considered in this climate risk assessment.

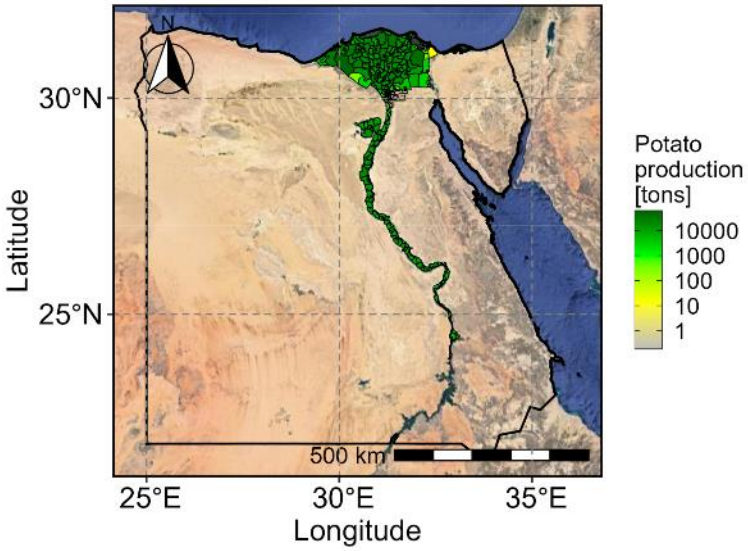


Figure 26: Spatial distribution of annual potato production in Egypt in the year 2000 (EarthStat, 2000).

The integrated climate hazard index for potato production in Egypt highlights a regional distribution of climate-related hazards (Figure 27). For potato production, the contrast between the two scenarios is relatively large. While for the SSP2-4.5 scenario, the hazard values range between low and medium intensity, while for the SSP5-8.5 this is exacerbated to high and very high potential climate impact intensity. Overall, a less outspoken regional distribution is found. For potato production, the spatial distribution of climate hazards does not change with exacerbated climate change, but it only intensifies.

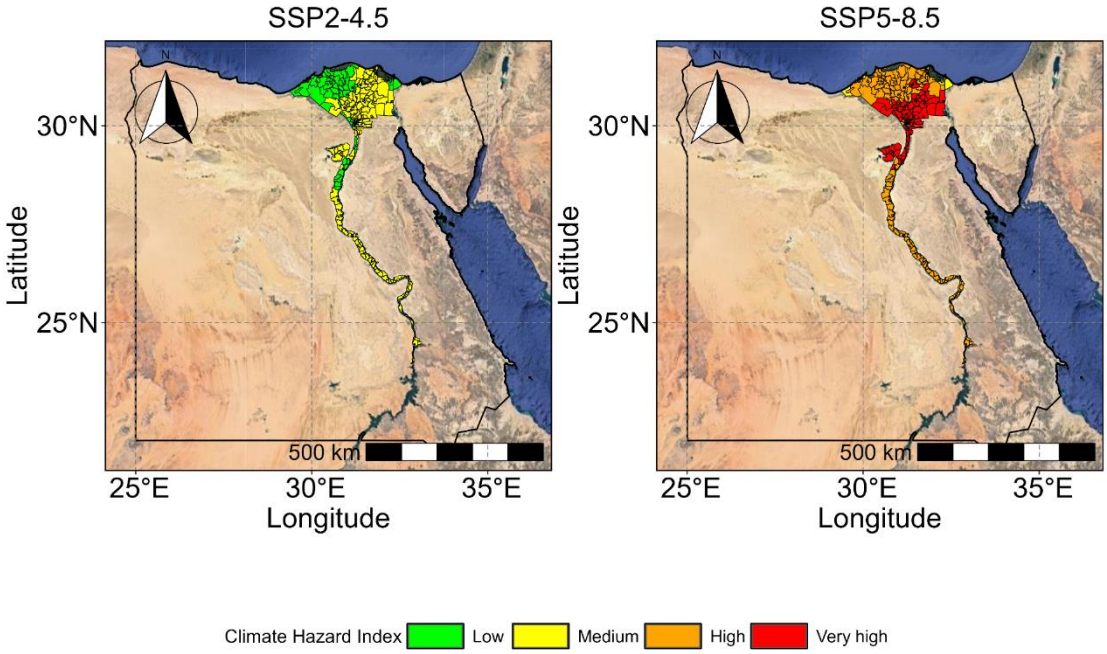


Figure 27. Potential climate change impact on potato production in Egypt for the SSP2-4.5 and SSP5-8.5 scenarios (2060-2090).

The integrated vulnerability index for potato production was found to be similar to the maps presented earlier in this sub-chapter. Therefore, the climate risk assessment for potato production uses a similar spatial distribution of climate vulnerability as in Figure 21. In this map, both the SSP2-4.5 and SSP5-8.5 scenarios indicate a high to very high range of climate vulnerability, with a few districts around Cairo showing medium climate vulnerability in the SSP2-4.5 scenario. The Upper Nile region is shown to have very high climate vulnerability, while the Nile Delta and Lower Nile region have high to very high climate vulnerability.

The climate risk for potato production in Egypt is not uniform. Coastal regions have a lower risk, while inland areas face a higher risk (Figure 28). With mild climate change under the SSP2-4.5 scenario, the coastal delta has low risk, and the rest of the country has medium risk except for the high-risk region at the top of the Nile Delta. In the SSP5-8.5 scenario, with increased climate change, low-risk areas become scarce and are replaced by medium to high-risk regions. The top and southern areas of the Nile Delta and the Fayoum oasis face a very high potential for climate risk.

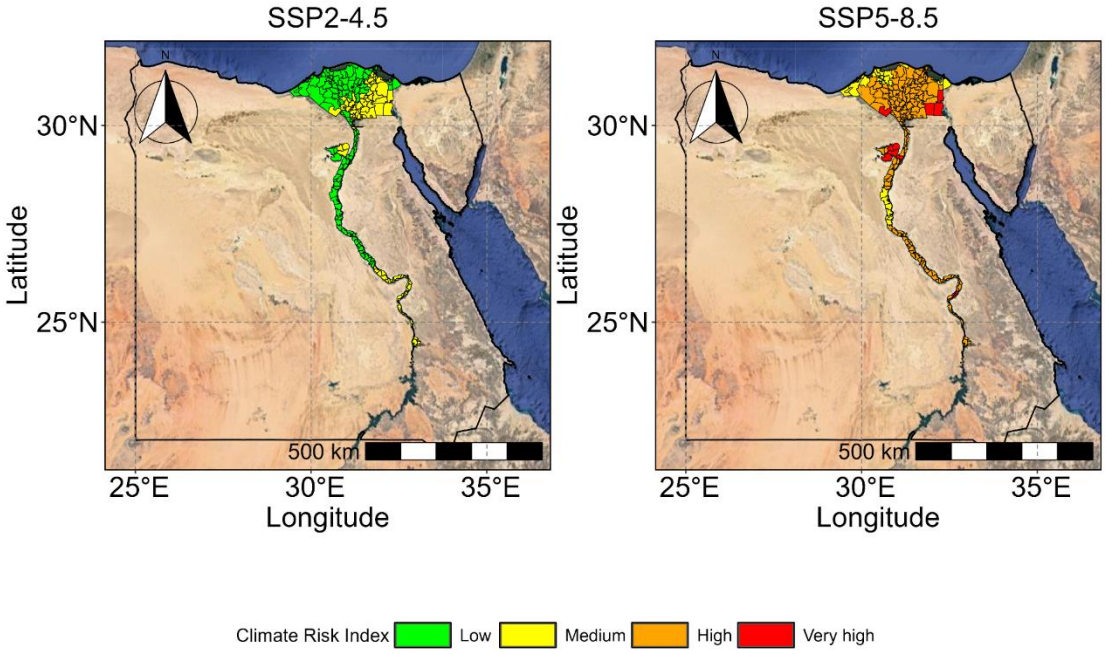


Figure 28: Risk map of reduced potato production due to climate change in Egypt for the SSP2-4.5 and SSP5-8.5 scenarios (2060-2090).

The total annual potato production in Egypt is approximately 1,536,911 tons (Earthstat, 2000) and is produced in a total district area of 38,298 km^2. For the SSP2-4.5 scenario, potato production takes place in the low-risk (59%) and medium-risk (41%). No potato production takes place in the high and very high-risk categories (Table 23). With exacerbated climate change, the distribution of potato production over the risk categories changes drastically. The SSP5-8.5 scenario shows a significant high-risk (81%) and very-high-risk (5%) potato production (Table 24).

Table 23: Potato production and district area in Egypt for the SSP2-4.5 scenario, for each of the risk classes.

Risk class	Production (Tons)	District area (km^2)	% of national production	% of district area
Low	807,153	20,548	61%	63%
Medium	510,941	12,158	39%	37%
High	0	0	0%	0%
Very high	0	0	0%	0%
Total	**1,318,094**	**32,706**	**100%**	**100%**

Table 24: Potato production and district area in Egypt for the SSP5-8.5 scenario, for each of the risk classes.

Risk class	Production (Tons)	District area (km^2)	% of national production	% of district area
Low	17,213	325	1%	1%
Medium	152,033	3,480	12%	11%
High	1,034,839	26,765	79%	82%
Very high	114,010	2,136	9%	7%
Total	**1,318,094**	**32,706**	**100%**	**100%**

3.2.4 Rice

The production of rice (*Oryza sativa* / *glaberrima*) is primarily located in the Nile Delta (Figure 29). The largest rice-producing governorates of Egypt are Beheira, Ismailia, Kafr el-Sheikh, and Dakhlia.

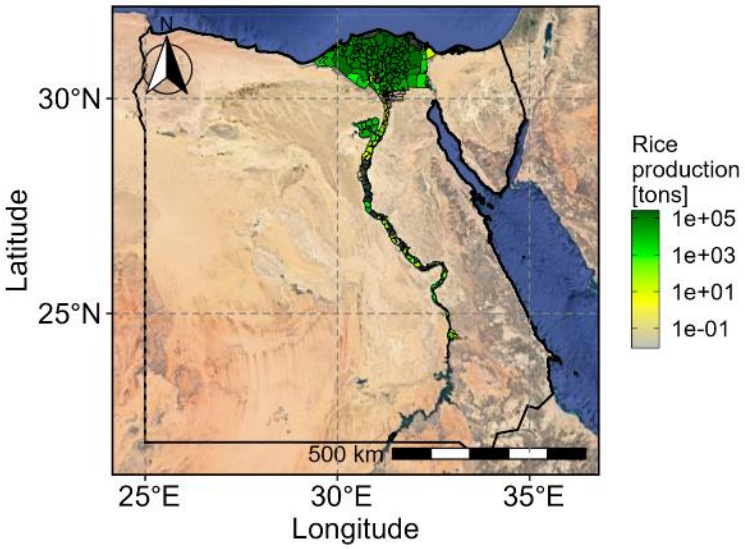


Figure 29: Spatial distribution of annual rice production in Egypt in the year 2000 (EarthStat, 2000).

The integrated climate hazard index for rice production in Egypt shows that there is a regional distribution of climate-related hazards, with high contrast between the two scenarios (SSP2-4.5 and SSP5-8.5) (Figure 30). The Nile Delta coast displays the lowest potential impact of climate change with low to medium values for the SSP2-4.5 scenario and medium to high values for the SSP5-8.5 scenario. The highest climate hazards, however, are found at the top of the Nile Delta, where the governorates of Monufia, Qalyubia, Al Sharqia, and Cairo, fall within the high potential impact zone in the SSP2-4.5 scenario, escalating to very high potential impact in the SSP5-8.5 scenario.

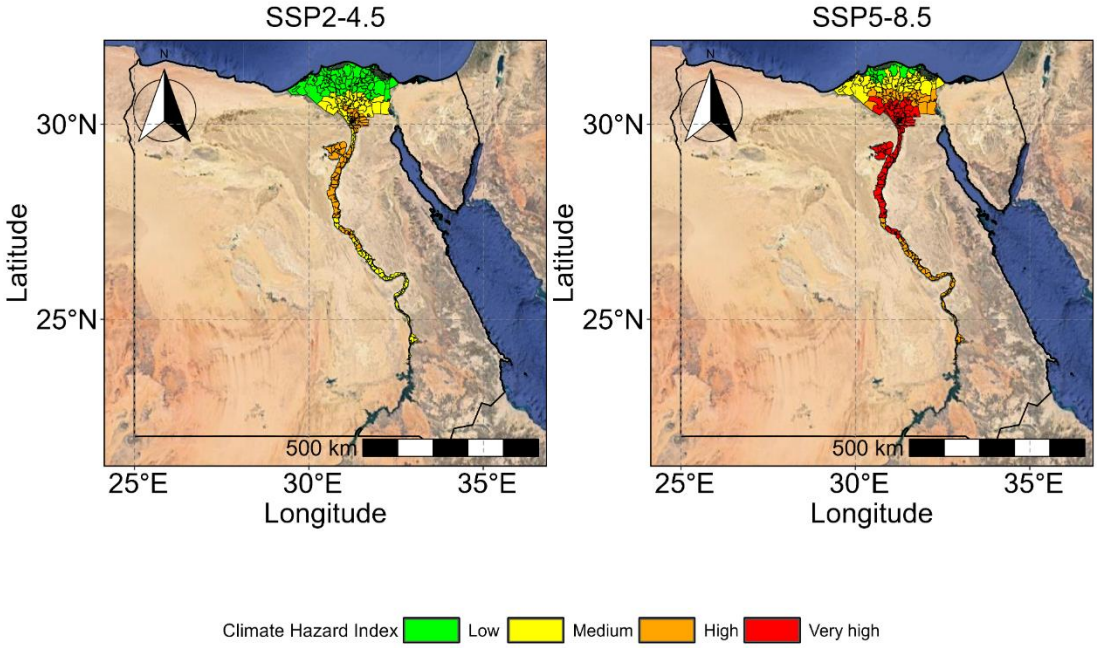


Figure 30. Potential climate change impact on rice production in Egypt for the SSP2-4.5 and SSP5-8.5 scenarios (2060-2090).

The results of the integrated vulnerability index analysis for potato production in Egypt demonstrate a similar spatial distribution as depicted in Figure 21. Both the SSP2-4.5 and SSP5-8.5 scenarios reveal a high to very high range of climate vulnerability, with a few districts near Cairo exhibiting medium climate vulnerability in the SSP2-4.5 scenario. The Upper Nile region demonstrates a very high level of climate vulnerability, while the Nile Delta and Lower Nile region exhibit high to very high climate vulnerability.

The integrated climate risk index shows that the climate-related risks on potato production are not homogeneous. The coastal regions generally exhibit a lower risk compared to inland areas (Figure 31). Under the SSP2-4.5 scenario with mild climate change, the coastal delta experiences low risk, while the rest of the country depicts a medium risk, except for the high-vulnerability region at the apex of the Nile Delta. In the SSP5-8.5 scenario, with increased climate change, low-vulnerability areas become scarce and are replaced by medium to high-vulnerability regions. The top and southern areas of the Nile Delta and the Fayoum oasis face a very high potential climate risk.

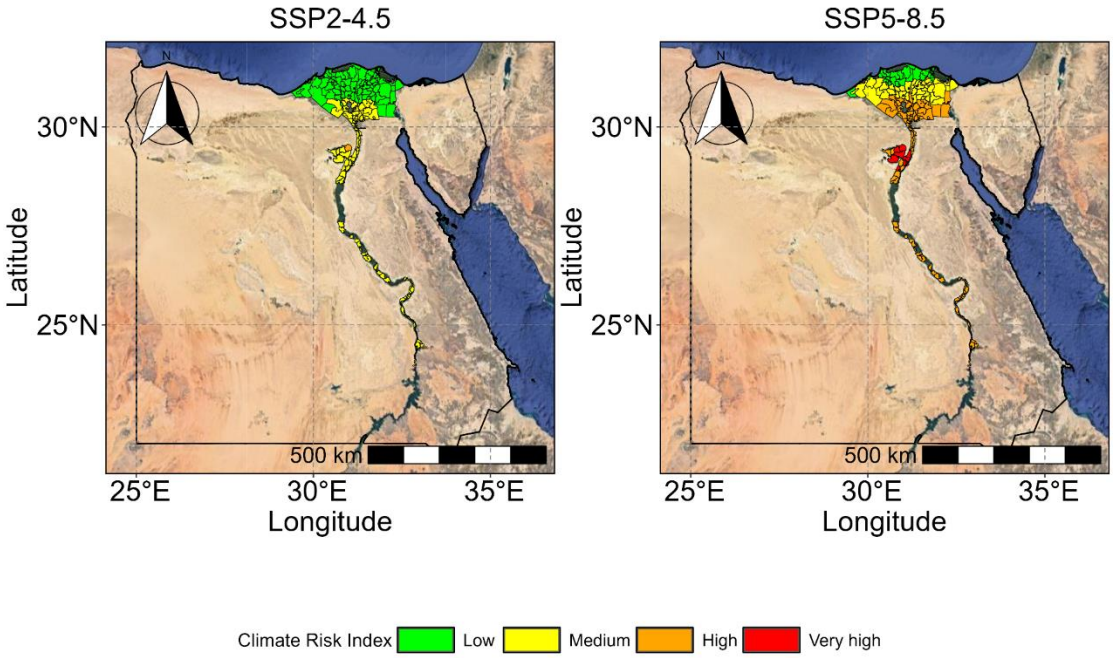


Figure 31: Risk map of reduced rice production due to climate change in Egypt for the SSP2-4.5 and SSP5-8.5 scenarios (2060-2090).

The total annual production of rice in Egypt is approximately 4,944,217 tons (Earthstat, 2000) and is produced in a total district area of 38,298 km^2. For the SSP2-4.5 scenario, potato production takes place in the low-risk (40%) and medium-risk (59%) categories. Only 1% of national potato production takes place in the high-risk category (Table 25). With exacerbated climate change, the SSP5-8.5 scenario the distribution of rice production changes. In this scenario, the high-risk and very high-risk categories produce 56% and 2% respectively (Table 26).

Table 25: Rice production and district area in Egypt for the SSP2-4.5 scenario, for each of the risk classes.

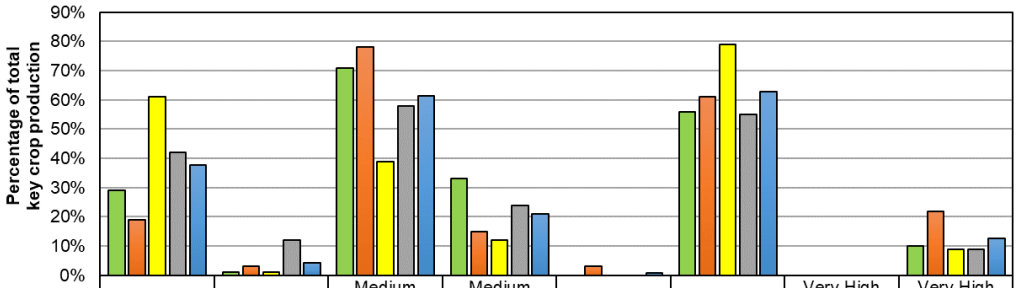
Risk class	Production (Tons)	District area (km^2)	% of national production	% of district area
Low	1,634,139	11,138	46%	42%
Medium	1,941,221	15,326	54%	58%
High	0	1	0%	0%
Very high	0	0	0%	0%
Total	**3,575,359**	**26,465**	**100%**	**100%**

Table 26: Rice production and district area in Egypt for the SSP5-8.5 scenario, for each of the risk classes.

Risk class	Production (Tons)	District area (km^2)	% of national production	% of district area
Low	448,406	3,264	13%	12%
Medium	773,062	6,258	22%	24%
High	1,974,369	14,643	55%	55%
Very high	379,522	2,301	11%	9%
Total	**3,575,359**	**26,465**	**100%**	**100%**

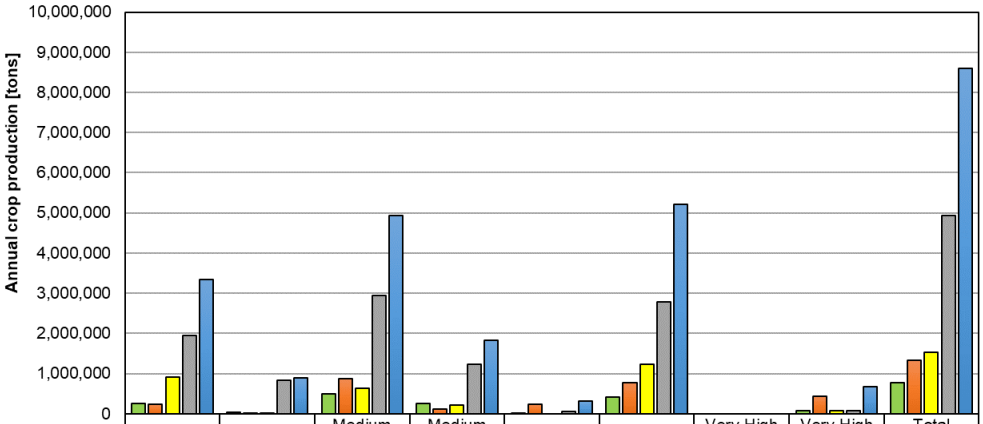
3.2.5 Climate risk summary - Egypt

The bar charts of annual key crop production per risk category show the distribution of Egyptian national key crop production in terms of percentage (Figure 32) and in tons produced (Figure 33). The first bar chart shows that the SSP2-4.5 scenario is significantly more favourable for key crop production in Egypt, as under the SSP5-8.5 scenario large percentages of all crops shift to the higher risk classes. This shift in risk classes is especially strong in potatoes. Figure 33 shows that rice is the key crop with the most production. Rice production is approximately 4,944,217 tons per annum. The other three key crops have average annual crop production ranging between 776,318 and 1,536,911 tons. Overall, the largest key crop production occurs in low and medium-risk areas for the SSP2-4.5 scenario.



	Low Risk SSP245	Low Risk SSP585	Medium Risk SSP245	Medium Risk SSP585	High Risk SSP245	High Risk SSP585	Very High Risk SSP245	Very High Risk SSP585
Grape	29%	1%	71%	33%	0%	56%	0%	10%
Orange	19%	3%	78%	15%	3%	61%	0%	22%
Potato	61%	1%	39%	12%	0%	79%	0%	9%
Rice	42%	12%	58%	24%	0%	55%	0%	9%
Average	38%	4%	62%	21%	1%	63%	0%	13%

Figure 32: Distribution of annual key crop production in percentage per risk category for Egypt for the SSP2-4.5 and SSP5-8.5 climate scenarios (2060-2090).



	Low Risk SSP245	Low Risk SSP585	Medium Risk SSP245	Medium Risk SSP585	High Risk SSP245	High Risk SSP585	Very High Risk SSP245	Very High Risk SSP585	Total annual production
Grape	256,616	33,585	499,504	254,600	20,198	411,167	0	76,965	776,318
Orange	225,218	5,563	874,121	124,460	232,116	766,547	0	434,885	1,331,455
Potato	905,676	8,787	631,235	205,643	0	1,240,087	0	82,398	1,536,911
Rice	1,951,725	841,262	2,937,431	1,240,011	55,060	2,788,145	0	74,798	4,944,216
Total	3,339,235	889,197	4,942,291	1,824,714	307,374	5,205,946	0	669,046	8,588,900

Figure 33: Distribution of annual key crop production in tons per risk category for Egypt for the SSP2-4.5 and SSP5-8.5 climate scenarios (2060-2090).

3.3 Morocco

The following sub-chapters present the climate risk assessment of key crop production in Morocco per district. The spatial variability in production is presented as well as the climate hazards, vulnerabilities, and associated climate risks. At the end of each sub-chapter, the results are summarized in risk matrices for both the SSP2-4.5 and SSP5-8.5 scenarios. Tables with district-specific levels of climate hazard, vulnerability, and risk in Morocco are included in Appendix 3.

3.3.1 Orange

The distribution of orange (*Citrus sinensis*) production is spread throughout the northern areas of Morocco (Figure 34). The largest fractions of national production are in the Marrakech-Safi, Casablanca-Settat, and Béni Mellal-Khénifra regions. In the Atlas Mountain Range, sporadic orange production occurs, however, most production is based along the Atlantic coast. No orange production occurs in the southern provinces of the Moroccan Sahara.

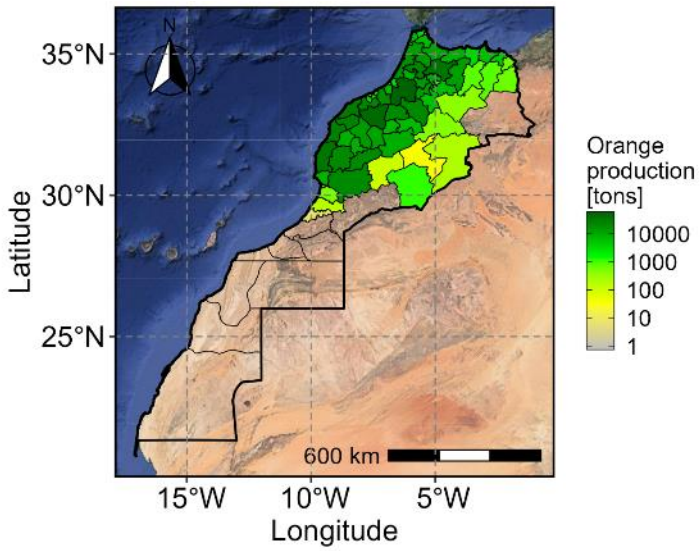


Figure 34: Spatial distribution of annual orange production in Morocco in the year 2000 (EarthStat, 2000).

The integrated climate hazard index for orange production in Morocco indicates that with the SSP2-4.5 scenario, a high potential climate change impact is expected in the Atlas Mountains, and more specifically in the High Atlas Range and the Middle Atlas Range (Figure 35). For the SSP5-8.5 scenario, the situation exacerbates, and very-high climate hazards are likely. Overall, the coastal areas show a low climate hazard, here little change in climate hazard is expected. The Moroccan Sahara was excluded from the climate hazard analysis, due to the absence of agriculture, as well as a lower quality of GCM CMIP6 climate projections.

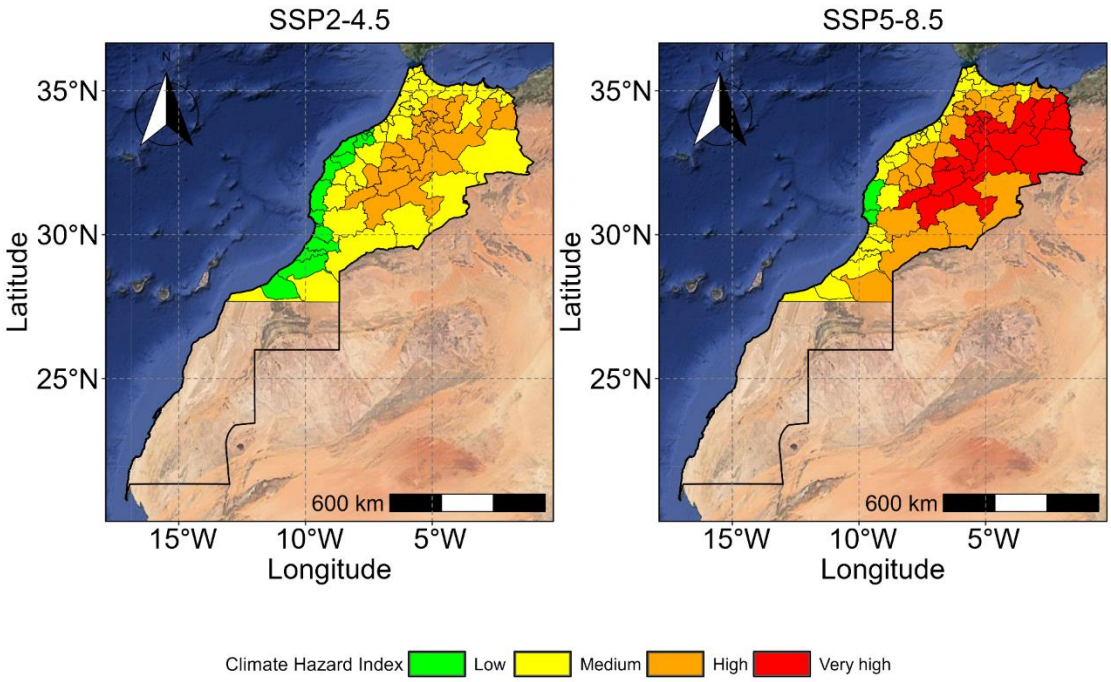


Figure 35. Potential climate change impact on orange production in Morocco for the SSP2-4.5 and SSP5-8.5 scenarios (2060-2090).

The climate vulnerability map for orange production does not show a clear regionality. For both scenarios, the largest area of the country is regarded as having a high climate vulnerability. Overall, the largest climate vulnerability for the SSP2-4.5 scenario occurs in the Atlas Mountain Range. Lower vulnerabilities occur along the coast and around the urban regions of Rabat and Casablanca.

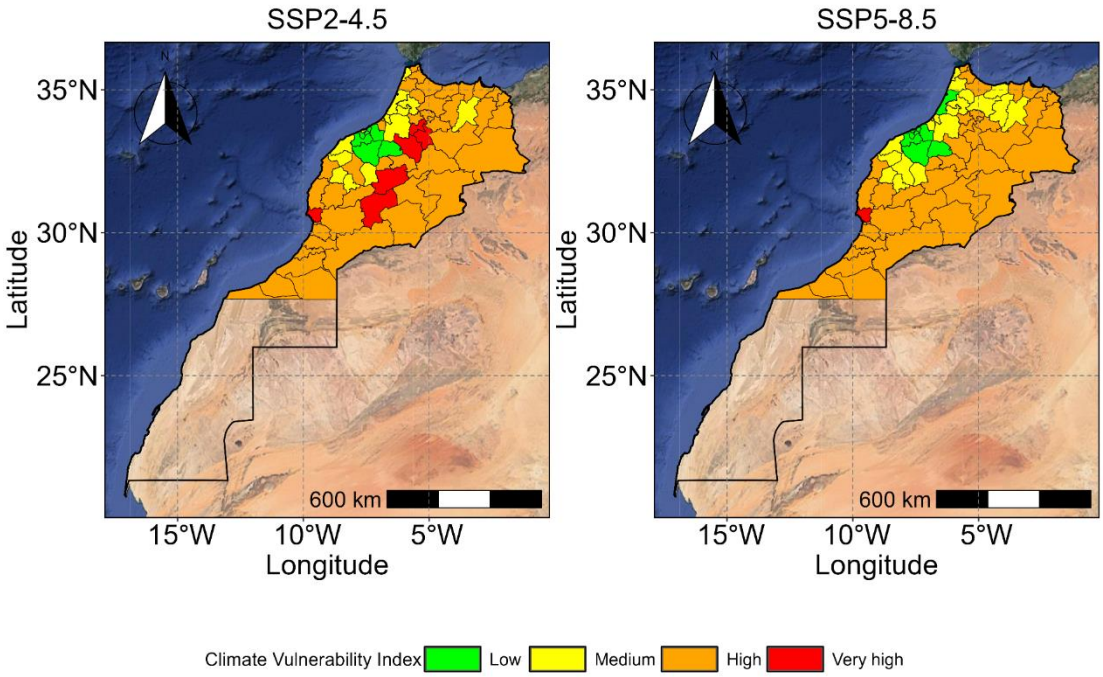


Figure 36: Orange production vulnerability map of Morocco for the SSP2-4.5 and SSP5-8.5 scenarios (2060-2090).

The integrated climate risk index for orange production in Morocco predicts high and very high climate-related risks in the Atlas Mountains, particularly in the High Atlas Range and Middle Atlas Range, under the SSP2-4.5 scenario (Figure 37). The situation exacerbates under the SSP5-8.5 scenario, with an increase in very-high-risk area extent. Conversely, the coastal regions of the provinces of Sous-Massa, Marrakech-Safi, and Casablanca-Settat are expected to experience low climate risks with little change anticipated. The eastern inland Drâa-Tafilalet province is likely to experience medium-level risks for the SSP2-4.5 scenario but high to very high-risks with the SSP5-8.5 scenario.

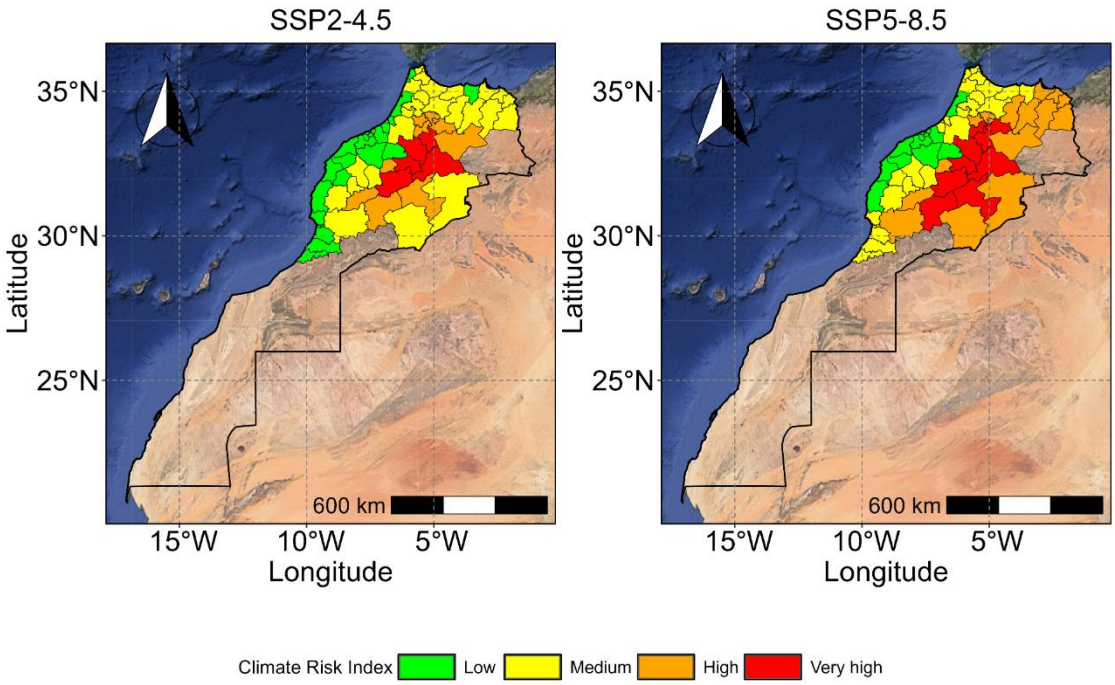


Figure 37: Risk map of reduced orange production due to climate change in Morocco for the SSP2-4.5 and SSP5-8.5 scenarios (2060-2090).

The total production of oranges in Morocco equals approximately 687,853 tons (Earthstat, 2000) and is produced in a total district area of 680,912 km2. For the SSP2-4.5 scenario, the largest fraction of grapes are produced in the medium-risk category (40%), whereas the low-risk and high-risk categories constitute 39%, and 13% of national production respectively. A portion of 9% of national grape production takes place in a very high-risk category (Table 27). With exacerbated climate change, the SSP5-8.5 scenario shows a low-risk category of 30% national orange production. The medium-risk, high-risk, and very high-risk categories in the SSP5-8.5 scenario account for 29%, 28%, and 14% (Table 28).

Table 27: Orange production and district area in Morocco for the SSP2-4.5 scenario, for each of the risk classes.

Risk class	Production (Tons)	District area (km^2)	% of national production	% of district area
Low	266,904	273,041	39%	40%
Medium	274,457	317,197	40%	47%
High	88,121	42,817	13%	6%
Very high	58,372	47,856	9%	7%
Total	**687,853**	**680,912**	**100%**	**100%**

Table 28: Orange production and district area in Morocco for the SSP5-8.5 scenario, for each of the risk classes.

Risk class	Production (Tons)	District area (km^2)	% of national production	% of district area
Low	203,099	203,106	30%	30%
Medium	196,619	304,441	29%	45%
High	195,164	98,949	28%	15%
Very high	92,971	74,416	14%	11%

Total	**687,853**	**680,912**	**100%**	**100%**

3.3.2 Tangerine

The distribution of tangerine (*Citrus tangerina*) production is similar to orange production and is primarily spread throughout the northern areas of Morocco (Figure 38). The largest fractions of national production are located in the Marrakech-Safi, Casablanca-Settat, and Béni Mellal-Khénifra provinces. In the Atlas Mountain Range, sporadic orange production occurs, however, most production is based along the Atlantic coast. No orange production occurs in the southern provinces of the Moroccan Sahara.

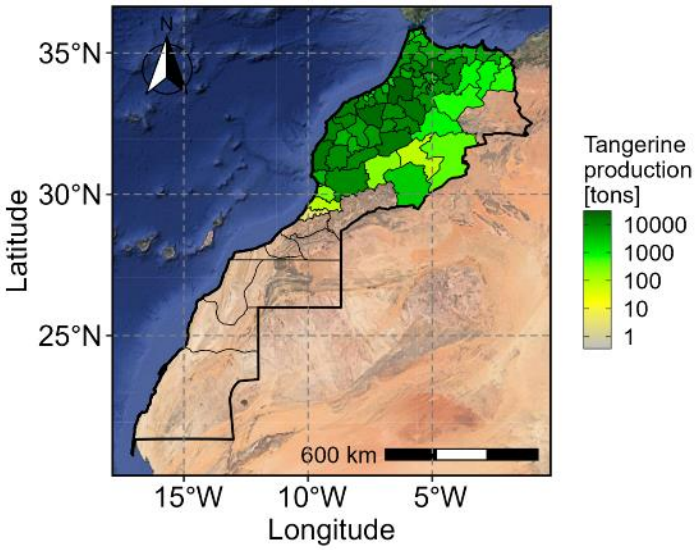


Figure 38: Spatial distribution of annual tangerine production in Morocco in the year 2000 (EarthStat, 2000).

The integrated climate hazard index for tangerine production in Morocco indicates that the High Atlas and Middle Atlas ranges and surrounding regions are facing a high risk of climate change impact under the SSP2-4.5 scenario (Figure 39). This risk becomes even greater under the SSP5-8.5 scenario, with very high climate hazards predicted. On the other hand, coastal regions are expected to experience low climate hazards with minimal change. The Moroccan Sahara was excluded from the analysis as it lacks agriculture and has lower-quality GCM CMIP6 climate projections.

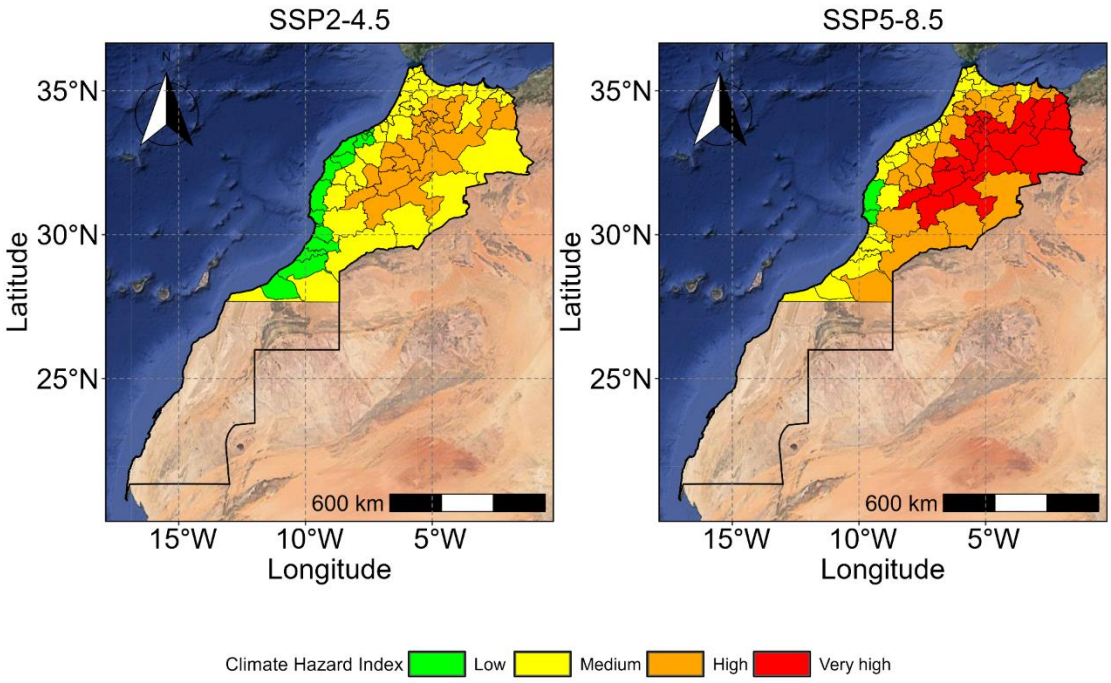


Figure 39. Potential climate change impact on tangerine production in Morocco for the SSP2-4.5 and SSP5-8.5 scenarios (2060-2090).

The climate vulnerability map for tangerines was found to be similar to the climate vulnerability map of orange production. Therefore, in this climate risk assessment, the same map is used (Figure 36). The climate vulnerability for tangerine production does not show a clear regionality. For both scenarios, the largest area of the country is regarded as having high climate vulnerability. Overall, the largest climate vulnerability for the SSP2-4.5 scenario occurs in the Atlas Mountain Range. Lower vulnerabilities occur along the coast and around the urban regions of Rabat and Casablanca.

The integrated climate risk index for tangerine production expects medium to very high climate risks in the Atlas Mountains, specifically in the High Atlas Range and Middle Atlas Range, under the SSP2-4.5 scenario (Figure 40). The risks increase further under the SSP5-8.5 scenario, with a considerable increase in high and very-high-risk areas. On the other hand, the coastal regions of Sous-Massa, Marrakech-Safi, and Casablanca-Settat are anticipated to have low climate risks with minimal changes between the two climate scenarios. The eastern Drâa-Tafilalet province is expected to face medium-level risks under the SSP2-4.5 scenario, but high to very high risks under the SSP5-8.5 scenario.

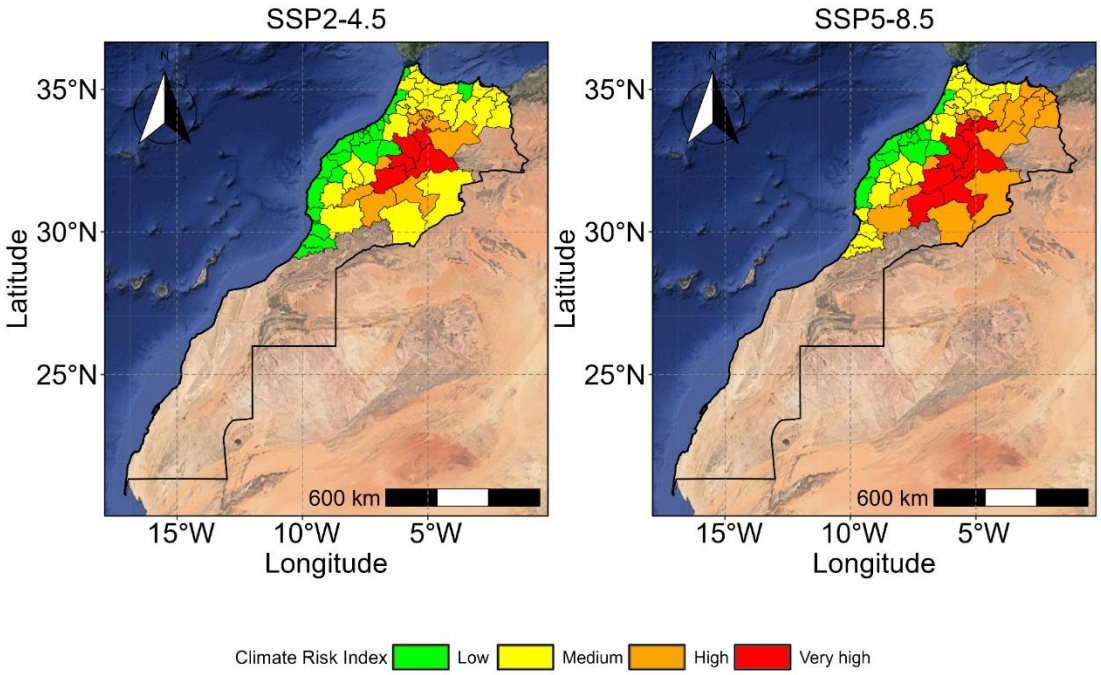


Figure 40: Risk map of reduced tangerine production due to climate change in Morocco for the SSP2-4.5 and SSP5-8.5 scenarios (2060-2090).

The total production of tangerines in Morocco amounts to approximately 412,366 tons (2000) and is produced in a total district area of 680,912 km^2. For the SSP2-4.5 scenario, the largest fraction of grapes are produced in the medium-risk classified category (43%), whereas the low-risk and high-risk categories produce 34%, and 14% respectively. A portion of 9% of national grape production takes place in the very high-risk category (Table 29). With exacerbated climate change, the SSP5-8.5 scenario shows a low-risk category of 26%. The medium-risk class constitutes 31% of national tangerine production. The high-risk class and very high-risk class show 27% and 16% respectively (Table 30).

Table 29: Tangerine production and district area in Morocco for the SSP2-4.5 scenario, for each of the risk classes.

Risk class	Production (Tons)	District area (km^2)	% of national production	% of district area
Low	140,392	273,041	34%	40%
Medium	175,734	317,197	43%	47%
High	58,457	42,817	14%	6%
Very high	37,782	47,856	9%	7%
Total	**412,366**	**680,912**	**100%**	**100%**

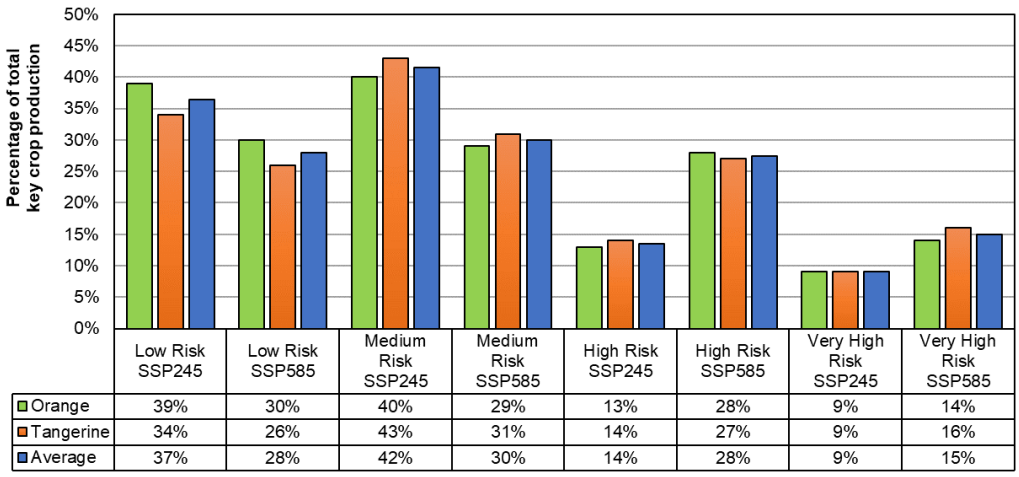
Table 30: Tangerine production and district area in Morocco for the SSP5-8.5 scenario, for each of the risk classes.

Risk class	Production (Tons)	District area (km^2)	% of national production	% of district area
Low	105,917	203,106	26%	30%
Medium	129,242	304,441	31%	45%
High	109,700	98,949	27%	15%
Very high	67,508	74,416	16%	11%
Total	**412,366**	**680,912**	**100%**	**100%**

3.3.3 Climate risk summary - Morocco

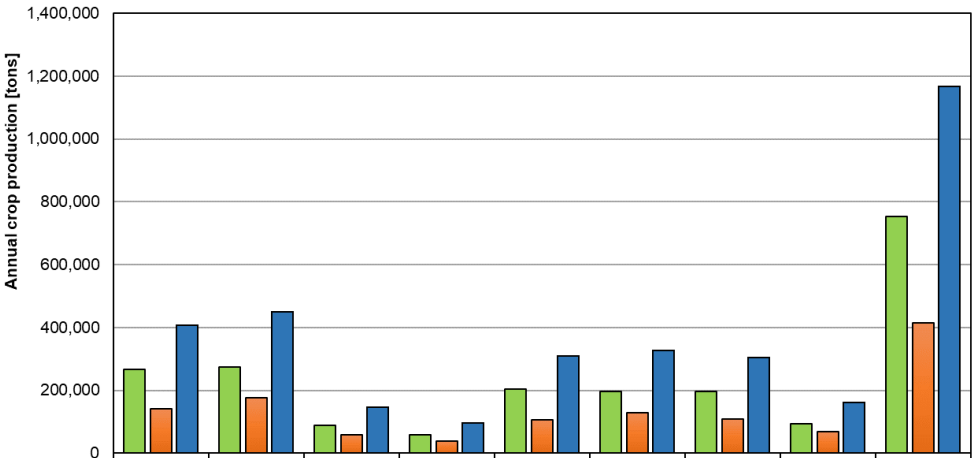
The bar charts of annual key crop production per risk category show the distribution of Moroccan national key crop production in terms of percentage (Figure 41) and in tons produced (Figure 42). The first bar chart shows that overall, the SSP2-4.5 scenario is more favourable for key crop production in Morocco. The chart shows that for both scenarios orange production is largest in the low-risk category, indicating a slightly more favourable position compared to tangerine. Strengthening this statement are the results higher up in the risk classes, where tangerine often displays higher percentages.

Figure 42 shows the distribution of Moroccan national key crop production over the risk categories for both climate scenarios. In Morocco, orange is produced nearly twice as much as tangerine in terms of tons.



	Low Risk SSP245	Low Risk SSP585	Medium Risk SSP245	Medium Risk SSP585	High Risk SSP245	High Risk SSP585	Very High Risk SSP245	Very High Risk SSP585
Orange	39%	30%	40%	29%	13%	28%	9%	14%
Tangerine	34%	26%	43%	31%	14%	27%	9%	16%
Average	37%	28%	42%	30%	14%	28%	9%	15%

Figure 41: Distribution of annual key crop production in percentage per risk category for Morocco for the SSP2-4.5 and SSP5-8.5 climate scenarios (2060-2090).



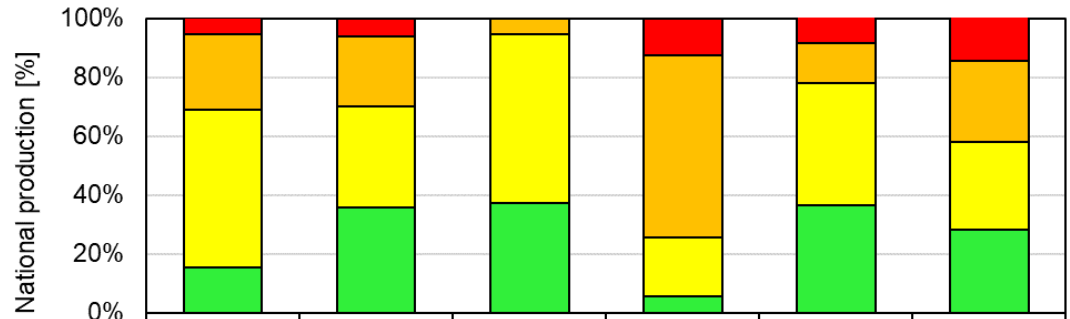
	Low Risk SSP245	Low Risk SSP585	Medium Risk SSP245	Medium Risk SSP585	High Risk SSP245	High Risk SSP585	Very High Risk SSP245	Very High Risk SSP585	Total per SSP
Orange	266,904	274,457	88,121	58,372	203,099	196,619	195,164	92,971	753,288
Tangerine	140,392	175,734	58,457	37,782	105,917	129,242	109,700	67,508	414,466
Total	407,296	450,191	146,578	96,154	309,016	325,861	304,864	160,479	1,167,754

Figure 42: Distribution of annual key crop production in percentage per risk category for Morocco for the SSP2-4.5 and SSP5-8.5 climate scenarios (2060-2090).

4 Cross-border climate risk assessment

In this chapter, the results of the previous crop-specific climate risk assessments are integrated into a cross-border national climate risk assessment of key crop production. The cross-border climate risk integration shows that key crop production in Turkey, Egypt, and Morocco is likely to be affected by a different degree of climate risk (Figure 43). For the SSP2-4.5 scenario, the distribution for all key crop production per country shows that Turkey and Morocco are likely to be more affected by climate change risks, with very high-risk categories of 6% and 9% respectively, and more importantly, high-risk categories of 26% and 14%. Under the SSP2-4.5 scenario, Egypt displays a large fraction of key crop production in the low-risk (37%) and medium-risk (58%) categories, and no very-high-risk production takes place.

With exacerbated climate change, the SSP5-8.5 shows larger percentages of key crop production in the high-risk category for Egypt (62%) as well as Morocco (28%). Also, key crop production in the very high-risk category is significant, with percentages of 13% and 15% for Egypt and Morocco respectively. Turkey is better off under the SSP5-8.5 scenario, with 36% of national production in the low-risk category, 34% in the medium-risk category, 24% and 6% for the high and very high-risk categories. With worsening climate change, Morocco shows a relatively equal distribution of crop risks in terms of national production, in contrast to Egypt, which shows a more skewed distribution. The large changes in the distribution of the risk classes between the two scenarios for Egypt indicate a strong sensitivity of key crop production to climate change.



	Turkey SSP245	Turkey SSP585	Egypt SSP245	Egypt SSP585	Morocco SSP245	Morocco SSP585
Very High	6%	6%	0%	13%	9%	15%
High	26%	24%	5%	62%	14%	28%
Medium	54%	34%	58%	20%	42%	30%
Low	15%	36%	37%	6%	37%	28%

Figure 43: Risk class distribution as a percentage of the national production of key crops for Turkey, Egypt, and Morocco and presented for both the SSP2-4.5 and SSP5-8.5 climate scenarios.

5 Concluding remarks

The objective of this study was to map crop-specific climate risks for key crop production in Turkey, Egypt, and Morocco under the mild SSP2-4.5 and the severe SSP5-8.5 climate change scenario. The crop-specific climate risk assessments resulted in the integration of datasets of climate change hazards, vulnerability, and exposure into district-level climate risk maps for the abovementioned countries. This assignment was conducted to shed light on cross-border climate risks on key crop production for agri-food trade between the EU and the aforementioned countries. The study is the contribution of FutureWater to the CREATE (Cross-Border Climate Vulnerabilities and Remote Impacts of Food Systems of the EU, Turkey, and Africa) project funded by the European Research Area Network (ERA-Net) Cofund on Food Systems and Climate (FOSC).

The key crops that were analyzed in this study were both annual crops (rice, potato) as well as perennial crops (apricot, fig, grape, hazelnut, orange, and tangerine). In Turkey, the distribution of key crop production is in a wide variety of geographical regions and climates. Whereas hazelnut production is primarily located in the northern Black Sea Region, fig production is bound to the coastal areas, and grape production is widespread. The climate risk assessment of apricot, fig, grape, and hazelnut production highlighted the spatial distribution of crop-specific climate risks but also provided insights into the regional implications of climate change on key crop production. Overall, the southern regions are likely to experience a significantly higher risk of reduced agricultural production due to climate change effects in contrast to the northern regions, which generally show less risk and higher climate suitability for key crop production for all key crops. In terms of sheer volume, grape production is most at risk. Apricot production was shown to be most sensitive to changes in the climate, as well as hazelnut production outside the northern Black Sea region.

The key crop production in Egypt is more centralized and concentrated in the Nile Delta and upstream in the floodplains of the Nile River. The distribution of key crop production is more widespread compared to Turkey, and most crops are grown anywhere. This is not the case for rice, which is more concentrated in the Nile Delta. The crop-specific climate risk assessment for key crops orange, grape, rice, and potato, in Egypt showed a clear regional distribution of climate risks. Whereas the Upper and Middle Nile Regions are showing exacerbated climate risks for all crops, the results in the Nile Delta are more variable. A spatial trend can be discerned, indicating lower climate-related risk in the coastal regions of the Nile Delta, while further upstream the climate risk increases. Volume-wise the crop production of rice is most at risk of detrimental climate change effects. All crops were found to be sensitive to changes in the climate. However, potato production proved to be most sensitive to changes in environmental conditions resulting from exacerbated climate change.

In Morocco, most key production occurs in the lower-lying coastal regions northwest of the Atlas Mountains, but sporadic production occurs throughout Morocco, excluding the Sahara Desert. The production of key crops orange and tangerine in Morocco are generally located in similar geographical and climatological regions. Additionally, both crops have similar climatological requirements and are thus affected by the same climate hazards. Consequently, a similar distribution of the percentage of key crop production over the risk categories was found for both orange and tangerine. As a result of this, it cannot be concluded whether one of the crops is more sensitive to climate change than the other. However, in terms of production, the key crop orange is more important.

As shown in the cross-border analysis (Chapter 0), Turkey, Egypt, and Morocco are likely to be affected by a different degree of climate risk for the SSP2-4.5 and the SSP5-8.5 scenarios. Whereas with the SSP2-4.5 scenario, Egypt shows a relatively favorable distribution of climate risks, Turkey and Morocco display a more severe expected situation. With the exacerbated climate change SSP5-8.5 scenario, Egypt indicates the most severe distribution of risk categories for key crop production, where large parts

of the Nile Delta and upstream Nile Regions are likely to experience severe climate-related detrimental effects on key crop production. Less affected will be Morocco, where especially the inland cropping regions are more at risk than the coastal counterparts. Agricultural production of key crops in Turkey, while showing a more extreme distribution of climate risks in the future, will be least affected compared to the other two countries.

The outcomes of this study will be used to increase awareness of the risks that climate change poses to the agri-food trade and the broader economy at large. They will contribute to the efforts of the governments in the case study countries and development agencies, by providing essential information for promoting actions toward mitigating the negative consequences of climate change on agri-food trade.

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The maps in this study were created using the ‘ggplot2’, ‘ggmap’, and the ‘basemapR’ package in R. The underlying satellite basemaps that were used were retrieved from Google Satellite (2020) (“Google Satellite,” 2020; Kahle and Wickham, n.d.; Wickham, 2014)

Appendix 1: District values Turkey

Apricot

Nr.	District Name	HAZ SSP 245 INDEX	HAZ SSP 585 INDEX	HAZ SSP 585 CLASS	HAZ SSP 585 CLASS	VUL SSP 245 INDEX	VUL SSP 585 INDEX	VUL SSP 585 CLASS	VUL SSP 585 CLASS	RISK SSP 245 INDEX	RISK SSP 585 INDEX	RISK SSP 585 CLASS	RISK SSP 585 CLASS
1	ACIGOL	0.53	0.53	High	High	0.61	0.57	High	High	0.52	0.49	High	Medium
2	ACIPAYAM	0.73	0.86	High	Very High	0.54	0.52	High	High	0.63	0.72	High	High
3	ADAKLI	0.16	0.24	Low	Low	0.72	0.80	High	Very High	0.18	0.31	Low	Medium
4	ADAPAZARI	0.39	0.37	Medium	Medium	0.45	0.41	Medium	Medium	0.28	0.25	Medium	Low
5	ADILCEVAZ	0.04	0.27	Low	Medium	0.75	0.95	Very High	Very High	0.05	0.42	Low	Medium
6	ADIYAMAN	0.58	0.70	High	High	0.53	0.58	High	High	0.50	0.65	Medium	High
7	AFSIN	0.54	0.49	High	Medium	0.50	0.54	Medium	High	0.44	0.43	Medium	Medium
8	AFYONKARAHISAR	0.55	0.67	High	High	0.62	0.59	High	High	0.55	0.64	High	High
9	AGACOREN	0.49	0.46	Medium	Medium	0.30	0.25	Medium	Medium	0.24	0.19	Low	Low
10	AGIN	0.37	0.35	Medium	Medium	0.50	0.62	Medium	High	0.30	0.35	Medium	Medium
11	AGLASUN	0.75	0.91	High	Very High	0.60	0.50	High	Medium	0.73	0.73	High	High
12	AGRI	0.14	0.23	Low	Low	0.66	0.74	High	High	0.15	0.27	Low	Medium
13	AHIRLI	0.66	0.73	High	High	0.38	0.16	Medium	Low	0.41	0.19	Medium	Low
14	AHLAT	0.00	0.24	Low	Low	0.76	0.95	Very High	Very High	0.00	0.36	Low	Medium
15	AHMETLI	0.60	0.70	High	High	0.42	0.27	Medium	Medium	0.40	0.30	Medium	Medium
16	AKCADAG	0.49	0.51	Medium	High	0.51	0.56	High	High	0.41	0.46	Medium	Medium
17	AKCAKALE	0.60	0.70	High	High	0.38	0.43	Medium	Medium	0.37	0.48	Medium	Medium
18	AKCAKENT	0.35	0.31	Medium	Medium	0.59	0.55	High	High	0.34	0.28	Medium	Medium
19	AKCAKOCA	0.36	0.30	Medium	Medium	0.54	0.55	High	High	0.31	0.27	Medium	Medium
20	AKDAGMADENI	0.32	0.24	Medium	Low	0.54	0.56	High	High	0.27	0.22	Medium	Low
21	AKDENIZ	0.76	0.93	Very High	Very High	0.26	0.15	Medium	Low	0.32	0.22	Medium	Low
22	AKHISAR	0.51	0.58	High	High	0.44	0.29	Medium	Medium	0.36	0.27	Medium	Medium
23	AKINCILAR	0.23	0.18	Low	Low	0.55	0.59	High	High	0.21	0.17	Low	Low
24	AKKISLA	0.43	0.33	Medium	Medium	0.39	0.36	Medium	Medium	0.27	0.20	Medium	Low
25	AKKUS	0.21	0.08	Low	Low	0.47	0.52	Medium	High	0.16	0.07	Low	Low
26	AKOREN	0.74	0.83	High	Very High	0.36	0.20	Medium	Low	0.43	0.27	Medium	Medium
27	AKPINAR	0.38	0.33	Medium	Medium	0.59	0.54	High	High	0.36	0.29	Medium	Medium
28	AKSARAY	0.61	0.63	High	High	0.58	0.55	High	High	0.57	0.56	High	High
29	AKSEHIR	0.61	0.75	High	High	0.48	0.32	Medium	Medium	0.47	0.39	Medium	Medium
30	AKSEKI	0.67	0.76	High	Very High	0.36	0.12	Medium	Low	0.39	0.15	Medium	Low
31	AKSU	0.74	0.83	High	Very High	0.31	0.20	Medium	Low	0.38	0.27	Medium	Medium
32	AKSU	0.62	0.72	High	High	0.56	0.32	High	Medium	0.56	0.37	High	Medium
33	AKYAZI	0.33	0.27	Medium	Medium	0.54	0.50	High	High	0.29	0.22	Medium	Low
34	AKYURT	0.26	0.17	Medium	Low	0.25	0.21	Low	Low	0.10	0.06	Low	Low
35	ALACA	0.31	0.22	Medium	Low	0.50	0.54	High	High	0.25	0.19	Medium	Low

36	ALACAKAYA	0.42	0.55	Medium	High	0.55	0.59	High	High	0.37	0.52	Medium	High
37	ALACAM	0.27	0.17	Medium	Low	0.33	0.29	Medium	Medium	0.15	0.08	Low	Low
38	ALADAG	0.77	0.83	Very High	Very High	0.39	0.44	Medium	Medium	0.49	0.59	Medium	High
39	ALANYA	0.73	0.88	High	Very High	0.40	0.24	Medium	Low	0.47	0.33	Medium	Medium
40	ALASEHIR	0.69	0.75	High	Very High	0.42	0.27	Medium	Medium	0.46	0.32	Medium	Medium
41	ALIAGA	0.52	0.68	High	High	0.26	0.10	Medium	Low	0.22	0.11	Low	Low
42	ALMUS	0.25	0.13	Low	Low	0.52	0.56	High	High	0.21	0.12	Low	Low
43	ALPU	0.39	0.33	Medium	Medium	0.52	0.48	High	Medium	0.33	0.26	Medium	Medium
44	ALTIEYLUL	0.40	0.47	Medium	Medium	0.49	0.26	Medium	Medium	0.32	0.20	Medium	Low
45	ALTINDAG	0.32	0.23	Medium	Low	0.28	0.24	Medium	Low	0.14	0.09	Low	Low
46	ALTINEKIN	0.65	0.79	High	Very High	0.37	0.32	Medium	Medium	0.38	0.40	Medium	Medium
47	ALTINOZU	0.71	0.97	High	Very High	0.55	0.43	High	Medium	0.64	0.68	High	High
48	ALTINTAS	0.52	0.61	High	High	0.62	0.58	High	High	0.52	0.57	High	High
49	ALTINYAYLA	0.65	0.79	High	Very High	0.56	0.51	High	High	0.59	0.65	High	High
50	ALTINYAYLA	0.38	0.29	Medium	Medium	0.54	0.52	High	High	0.33	0.24	Medium	Low
51	ALTUNHISAR	0.62	0.62	High	High	0.61	0.57	High	High	0.62	0.57	High	High
52	ALUCRA	0.12	0.08	Low	Low	0.55	0.61	High	High	0.11	0.08	Low	Low
53	AMASYA	0.29	0.17	Medium	Low	0.54	0.58	High	High	0.25	0.16	Medium	Low
54	ANAMUR	0.69	0.86	High	Very High	0.47	0.31	Medium	Medium	0.53	0.43	High	Medium
55	ANDIRIN	0.73	0.84	High	Very High	0.48	0.52	Medium	High	0.57	0.71	High	High
56	ANTAKYA	0.68	0.91	High	Very High	0.57	0.46	High	Medium	0.63	0.67	High	High
57	ARABAN	0.62	0.79	High	Very High	0.35	0.40	Medium	Medium	0.35	0.50	Medium	High
58	ARAC	0.27	0.09	Medium	Low	0.54	0.55	High	High	0.24	0.08	Low	Low
59	ARAKLI	0.16	0.16	Low	Low	0.43	0.51	Medium	High	0.11	0.14	Low	Low
60	ARALIK	0.20	0.29	Low	Medium	0.65	0.64	High	High	0.21	0.30	Low	Medium
61	ARAPGIR	0.34	0.29	Medium	Medium	0.51	0.60	High	High	0.28	0.28	Medium	Medium
62	ARDANUC	0.18	0.18	Low	Low	0.59	0.63	High	High	0.17	0.18	Low	Low
63	ARDESEN	0.17	0.15	Low	Low	0.48	0.43	Medium	Medium	0.13	0.11	Low	Low
64	ARGUVAN	0.37	0.31	Medium	Medium	0.51	0.57	High	High	0.30	0.29	Medium	Medium
65	ARHAVI	0.16	0.13	Low	Low	0.53	0.41	High	Medium	0.14	0.09	Low	Low
66	ARICAK	0.37	0.51	Medium	High	0.57	0.61	High	High	0.34	0.50	Medium	Medium
67	ARNAVUTKOY	0.27	0.36	Medium	Medium	0.44	0.37	Medium	Medium	0.19	0.21	Low	Low
68	ARSIN	0.20	0.24	Low	Low	0.42	0.50	Medium	Medium	0.13	0.19	Low	Low
69	ARSUZ	0.61	0.85	High	Very High	0.56	0.47	High	Medium	0.55	0.65	High	High
70	ARTOVA	0.29	0.18	Medium	Low	0.51	0.55	High	High	0.24	0.16	Low	Low
71	ARTUKLU	0.48	0.72	Medium	High	0.36	0.34	Medium	Medium	0.28	0.39	Medium	Medium
72	ARTVIN	0.16	0.15	Low	Low	0.59	0.61	High	High	0.15	0.15	Low	Low
73	ASARCIK	0.25	0.12	Low	Low	0.41	0.44	Medium	Medium	0.16	0.09	Low	Low
74	ASKALE	0.13	0.14	Low	Low	0.49	0.61	Medium	High	0.11	0.14	Low	Low
75	ASLANAPA	0.45	0.50	Medium	High	0.62	0.55	High	High	0.45	0.45	Medium	Medium
76	ATABEY	0.70	0.85	High	Very High	0.60	0.52	High	High	0.69	0.72	High	High
77	ATKARACALAR	0.24	0.08	Low	Low	0.62	0.62	High	High	0.24	0.08	Low	Low
78	AVANOS	0.44	0.42	Medium	Medium	0.54	0.50	High	High	0.39	0.34	Medium	Medium
79	AVCILAR	0.27	0.36	Medium	Medium	0.42	0.35	Medium	Medium	0.19	0.21	Low	Low
80	AYANCIK	0.26	0.12	Medium	Low	0.57	0.52	High	High	0.24	0.10	Low	Low

81	AYAS	0.37	0.30	Medium	Medium	0.28	0.25	Medium	Low	0.17	0.12	Low	Low
82	AYBASTI	0.19	0.07	Low	Low	0.45	0.54	Medium	High	0.14	0.06	Low	Low
83	AYDINCIK	0.73	0.93	High	Very High	0.45	0.29	Medium	Medium	0.53	0.43	High	Medium
84	AYDINCIK	0.31	0.21	Medium	Low	0.53	0.57	High	High	0.27	0.20	Medium	Low
85	AYDINTEPE	0.14	0.14	Low	Low	0.62	0.66	High	High	0.14	0.14	Low	Low
86	AYRANCI	0.72	0.77	High	Very High	0.53	0.48	High	Medium	0.62	0.60	High	High
87	AYVACIK	0.32	0.41	Medium	Medium	0.53	0.19	High	Low	0.28	0.13	Medium	Low
88	AYVACIK	0.25	0.13	Low	Low	0.43	0.47	Medium	Medium	0.17	0.09	Low	Low
89	AYVALIK	0.47	0.58	Medium	High	0.46	0.12	Medium	Low	0.35	0.12	Medium	Low
90	AZIZIYE	0.12	0.13	Low	Low	0.49	0.59	Medium	High	0.09	0.12	Low	Low
91	BABADAG	0.76	0.86	Very High	Very High	0.54	0.54	High	High	0.66	0.75	High	High
92	BABAESKI	0.44	0.51	Medium	High	0.62	0.64	High	High	0.44	0.53	Medium	High
93	BAGLAR	0.43	0.65	Medium	High	0.44	0.48	Medium	Medium	0.30	0.50	Medium	High
94	BAHCE	0.79	0.93	Very High	Very High	0.55	0.58	High	High	0.69	0.87	High	Very High
95	BAHCESARAY	0.07	0.31	Low	Medium	0.67	0.71	High	High	0.07	0.35	Low	Medium
96	BAHSILI	0.41	0.33	Medium	Medium	0.38	0.33	Medium	Medium	0.25	0.18	Low	Low
97	BAKLAN	0.73	0.87	High	Very High	0.52	0.51	High	High	0.61	0.73	High	High
98	BALA	0.44	0.38	Medium	Medium	0.22	0.18	Low	Low	0.16	0.11	Low	Low
99	BALCOVA	0.60	0.77	High	Very High	0.27	0.05	Medium	Low	0.26	0.06	Medium	Low
100	BALISEYH	0.32	0.24	Medium	Low	0.55	0.51	High	High	0.28	0.20	Medium	Low
101	BALYA	0.37	0.41	Medium	Medium	0.50	0.27	High	Medium	0.30	0.18	Medium	Low
102	BANAZ	0.56	0.66	High	High	0.65	0.63	High	High	0.59	0.67	High	High
103	BANDIRMA	0.35	0.39	Medium	Medium	0.50	0.28	Medium	Medium	0.28	0.17	Medium	Low
104	BARTIN	0.33	0.22	Medium	Low	0.59	0.63	High	High	0.32	0.23	Medium	Low
105	BASAKSEHIR	0.27	0.35	Medium	Medium	0.43	0.36	Medium	Medium	0.19	0.20	Low	Low
106	BASCIFTLIK	0.20	0.08	Low	Low	0.51	0.55	High	High	0.17	0.07	Low	Low
107	BASISKELE	0.30	0.24	Medium	Low	0.68	0.52	High	High	0.33	0.20	Medium	Low
108	BASKALE	0.10	0.30	Low	Medium	0.35	0.32	Medium	Medium	0.05	0.16	Low	Low
109	BASKIL	0.45	0.47	Medium	Medium	0.55	0.60	High	High	0.40	0.45	Medium	Medium
110	BASMAKCI	0.74	0.92	High	Very High	0.60	0.60	High	High	0.72	0.88	High	Very High
111	BASYAYLA	0.66	0.71	High	High	0.68	0.51	High	High	0.72	0.59	High	High
112	BATMAN	0.37	0.64	Medium	High	0.54	0.58	High	High	0.32	0.60	Medium	High
113	BATTALGAZI	0.51	0.56	High	High	0.52	0.57	High	High	0.43	0.51	Medium	High
114	BAYAT	0.46	0.57	Medium	High	0.60	0.56	High	High	0.44	0.52	Medium	High
115	BAYAT	0.31	0.16	Medium	Low	0.51	0.47	High	Medium	0.25	0.12	Medium	Low
116	BAYBURT	0.12	0.12	Low	Low	0.67	0.69	High	High	0.13	0.14	Low	Low
117	BAYINDIR	0.64	0.77	High	Very High	0.21	0.06	Low	Low	0.22	0.07	Low	Low
118	BAYKAN	0.32	0.57	Medium	High	0.65	0.69	High	High	0.34	0.63	Medium	High
119	BAYRAKLI	0.59	0.76	High	Very High	0.26	0.04	Medium	Low	0.25	0.05	Low	Low
120	BAYRAMIC	0.38	0.46	Medium	Medium	0.52	0.15	High	Low	0.32	0.11	Medium	Low
121	BAYRAMOREN	0.26	0.09	Medium	Low	0.63	0.64	High	High	0.26	0.09	Medium	Low
122	BEKILLI	0.71	0.82	High	Very High	0.60	0.60	High	High	0.69	0.79	High	Very High
123	BELEN	0.66	0.89	High	Very High	0.58	0.48	High	Medium	0.62	0.68	High	High
124	BERGAMA	0.45	0.57	Medium	High	0.30	0.08	Medium	Low	0.21	0.08	Low	Low
125	BESIRI	0.37	0.63	Medium	High	0.56	0.60	High	High	0.34	0.60	Medium	High

126	BESNI	0.62	0.77	High	Very High	0.50	0.55	High	High	0.50	0.68	High	High
127	BEYAGAC	0.72	0.84	High	Very High	0.55	0.54	High	High	0.64	0.73	High	High
128	BEYDAG	0.71	0.80	High	Very High	0.22	0.07	Low	Low	0.26	0.09	Medium	Low
129	BEYLIKDUZU	0.27	0.36	Medium	Medium	0.42	0.35	Medium	Medium	0.18	0.20	Low	Low
130	BEYLIKOVA	0.40	0.35	Medium	Medium	0.52	0.48	High	Medium	0.33	0.27	Medium	Medium
131	BEYPAZARI	0.31	0.25	Medium	Low	0.29	0.25	Medium	Medium	0.15	0.10	Low	Low
132	BEYSEHIR	0.69	0.80	High	Very High	0.43	0.19	Medium	Low	0.48	0.25	Medium	Low
133	BEYTUSSEBAP	0.18	0.50	Low	High	0.56	0.60	High	High	0.17	0.49	Low	Medium
134	BIGA	0.37	0.43	Medium	Medium	0.57	0.40	High	Medium	0.34	0.28	Medium	Medium
135	BIGADIC	0.41	0.47	Medium	Medium	0.51	0.28	High	Medium	0.34	0.21	Medium	Low
136	BILECIK	0.34	0.27	Medium	Medium	0.68	0.64	High	High	0.37	0.28	Medium	Medium
137	BINGOL	0.23	0.36	Low	Medium	0.71	0.79	High	Very High	0.27	0.46	Medium	Medium
138	BIRECIK	0.61	0.72	High	High	0.42	0.46	Medium	Medium	0.41	0.54	Medium	High
139	BISMIL	0.41	0.66	Medium	High	0.42	0.46	Medium	Medium	0.27	0.49	Medium	Medium
140	BITLIS	0.15	0.41	Low	Medium	0.70	0.74	High	High	0.17	0.49	Low	Medium
141	BODRUM	0.63	0.74	High	High	0.56	0.49	High	Medium	0.58	0.59	High	High
142	BOGAZKALE	0.31	0.22	Medium	Low	0.51	0.47	High	Medium	0.26	0.17	Medium	Low
143	BOGAZLIYAN	0.44	0.38	Medium	Medium	0.52	0.48	High	Medium	0.37	0.30	Medium	Medium
144	BOLVADIN	0.52	0.63	High	High	0.62	0.58	High	High	0.51	0.59	High	High
145	BOR	0.70	0.73	High	High	0.55	0.51	High	High	0.63	0.60	High	High
146	BORCKA	0.17	0.16	Low	Low	0.64	0.66	High	High	0.17	0.17	Low	Low
147	BORNOVA	0.57	0.75	High	High	0.28	0.09	Medium	Low	0.26	0.11	Medium	Low
148	BOYABAT	0.25	0.09	Low	Low	0.61	0.56	High	High	0.24	0.09	Low	Low
149	BOZDOGAN	0.76	0.85	Very High	Very High	0.57	0.56	High	High	0.70	0.78	High	Very High
150	BOZKIR	0.66	0.75	High	High	0.40	0.21	Medium	Low	0.43	0.26	Medium	Medium
151	BOZKURT	0.73	0.89	High	Very High	0.53	0.53	High	High	0.63	0.76	High	Very High
152	BOZKURT	0.26	0.10	Medium	Low	0.49	0.44	Medium	Medium	0.21	0.07	Low	Low
153	BOZOVA	0.58	0.70	High	High	0.41	0.45	Medium	Medium	0.38	0.51	Medium	High
154	BOZTEPE	0.39	0.34	Medium	Medium	0.58	0.54	High	High	0.36	0.30	Medium	Medium
155	BOZUYUK	0.31	0.25	Medium	Low	0.68	0.63	High	High	0.34	0.25	Medium	Low
156	BOZYAZI	0.69	0.86	High	Very High	0.45	0.29	Medium	Medium	0.51	0.40	High	Medium
157	BUCA	0.59	0.77	High	Very High	0.26	0.04	Medium	Low	0.25	0.05	Medium	Low
158	BUCAK	0.74	0.89	High	Very High	0.62	0.50	High	High	0.74	0.73	High	High
159	BUHARKENT	0.74	0.84	High	Very High	0.56	0.55	High	High	0.67	0.74	High	High
160	BULANCAK	0.14	0.07	Low	Low	0.49	0.64	Medium	High	0.11	0.07	Low	Low
161	BULANIK	0.06	0.24	Low	Low	0.68	0.76	High	Very High	0.07	0.30	Low	Medium
162	BULDAN	0.76	0.83	Very High	Very High	0.50	0.41	Medium	Medium	0.60	0.56	High	High
163	BUNYAN	0.46	0.38	Medium	Medium	0.39	0.39	Medium	Medium	0.29	0.24	Medium	Low
164	BURDUR	0.73	0.92	High	Very High	0.61	0.54	High	High	0.72	0.81	High	Very High
165	BURHANIYE	0.40	0.51	Medium	High	0.47	0.13	Medium	Low	0.30	0.11	Medium	Low
166	BUYUKCEKMECE	0.28	0.37	Medium	Medium	0.42	0.35	Medium	Medium	0.19	0.21	Low	Low
167	BUYUKORHAN	0.37	0.42	Medium	Medium	0.37	0.14	Medium	Low	0.22	0.10	Low	Low
168	CAGLAYANCERIT	0.65	0.75	High	High	0.51	0.55	High	High	0.53	0.66	High	High
169	CAL	0.73	0.85	High	Very High	0.53	0.52	High	High	0.62	0.72	High	High
170	CALDIRAN	0.09	0.25	Low	Low	0.51	0.52	High	High	0.07	0.21	Low	Low

171	CAMARDI	0.54	0.49	High	Medium	0.57	0.61	High	High	0.50	0.48	Medium	Medium
172	CAMELI	0.71	0.83	High	Very High	0.54	0.52	High	High	0.62	0.70	High	High
173	CAMLIDERE	0.24	0.13	Low	Low	0.48	0.44	Medium	Medium	0.19	0.09	Low	Low
174	CAMLIHEMSIN	0.13	0.10	Low	Low	0.48	0.46	Medium	Medium	0.10	0.08	Low	Low
175	CAMLIYAYLA	0.65	0.75	High	High	0.31	0.28	Medium	Medium	0.33	0.33	Medium	Medium
176	CAMOLUK	0.18	0.15	Low	Low	0.55	0.59	High	High	0.16	0.14	Low	Low
177	CAN	0.36	0.45	Medium	Medium	0.58	0.39	High	Medium	0.34	0.28	Medium	Medium
178	CANAKCI	0.13	0.13	Low	Low	0.51	0.61	High	High	0.11	0.13	Low	Low
179	CANAKKALE	0.34	0.44	Medium	Medium	0.53	0.33	High	Medium	0.29	0.24	Medium	Low
180	CANDIR	0.39	0.32	Medium	Medium	0.54	0.50	High	Medium	0.34	0.26	Medium	Medium
181	CANKAYA	0.38	0.30	Medium	Medium	0.22	0.18	Low	Low	0.13	0.09	Low	Low
182	CANKIRI	0.31	0.19	Medium	Low	0.61	0.57	High	High	0.30	0.17	Medium	Low
183	CARDAK	0.73	0.91	High	Very High	0.56	0.56	High	High	0.67	0.82	High	Very High
184	CAT	0.09	0.16	Low	Low	0.57	0.68	High	High	0.09	0.17	Low	Low
185	CATAK	0.08	0.34	Low	Medium	0.59	0.64	High	High	0.08	0.35	Low	Medium
186	CATALCA	0.32	0.38	Medium	Medium	0.50	0.44	High	Medium	0.26	0.27	Medium	Medium
187	CAVDARHISAR	0.47	0.51	Medium	High	0.62	0.39	High	Medium	0.47	0.32	Medium	Medium
188	CAVDIR	0.66	0.81	High	Very High	0.68	0.64	High	High	0.72	0.83	High	Very High
189	CAY	0.59	0.71	High	High	0.63	0.60	High	High	0.60	0.69	High	High
190	CAYIRALAN	0.35	0.28	Medium	Medium	0.55	0.51	High	High	0.31	0.22	Medium	Low
191	CAYIRLI	0.16	0.16	Low	Low	0.58	0.71	High	High	0.16	0.18	Low	Low
192	CAYKARA	0.13	0.10	Low	Low	0.41	0.49	Medium	Medium	0.08	0.08	Low	Low
193	CEKEREK	0.33	0.24	Medium	Low	0.54	0.57	High	High	0.28	0.22	Medium	Low
194	CELEBI	0.44	0.37	Medium	Medium	0.55	0.51	High	High	0.39	0.30	Medium	Medium
195	CELIKHAN	0.50	0.56	High	High	0.58	0.62	High	High	0.47	0.57	Medium	High
196	CELTIK	0.54	0.62	High	High	0.46	0.43	Medium	Medium	0.40	0.43	Medium	Medium
197	CELTIKCI	0.72	0.91	High	Very High	0.65	0.53	High	High	0.75	0.77	Very High	Very High
198	CEMISGEZEK	0.30	0.28	Medium	Medium	0.78	0.87	Very High	Very High	0.38	0.39	Medium	Medium
199	CERKES	0.23	0.08	Low	Low	0.65	0.65	High	High	0.24	0.08	Low	Low
200	CERKEZKOY	0.35	0.40	Medium	Medium	0.53	0.54	High	High	0.29	0.34	Medium	Medium
201	CERMIK	0.50	0.63	High	High	0.44	0.48	Medium	Medium	0.36	0.49	Medium	Medium
202	CESME	0.54	0.70	High	High	0.22	0.00	Low	Low	0.19	0.00	Low	Low
203	CEYHAN	0.88	0.99	Very High	Very High	0.35	0.38	Medium	Medium	0.49	0.60	Medium	High
204	CEYLANPINAR	0.53	0.69	High	High	0.25	0.22	Low	Low	0.21	0.24	Low	Low
205	CICEKDAGI	0.37	0.34	Medium	Medium	0.59	0.54	High	High	0.35	0.30	Medium	Medium
206	CIDE	0.30	0.15	Medium	Low	0.48	0.45	Medium	Medium	0.23	0.11	Low	Low
207	CIFTELER	0.46	0.50	Medium	High	0.52	0.48	High	Medium	0.38	0.39	Medium	Medium
208	CIFTLIK	0.56	0.54	High	High	0.67	0.64	High	High	0.60	0.55	High	High
209	CIGLI	0.55	0.73	High	High	0.23	0.08	Low	Low	0.21	0.10	Low	Low
210	CIHANBEYLI	0.58	0.66	High	High	0.36	0.31	Medium	Medium	0.34	0.33	Medium	Medium
211	CILIMLI	0.38	0.33	Medium	Medium	0.66	0.66	High	High	0.40	0.35	Medium	Medium
212	CINAR	0.45	0.70	Medium	High	0.45	0.49	Medium	Medium	0.33	0.55	Medium	High
213	CINE	0.72	0.83	High	Very High	0.56	0.55	High	High	0.64	0.73	High	High
214	CIVRIL	0.67	0.82	High	Very High	0.55	0.54	High	High	0.59	0.72	High	High
215	CIZRE	0.39	0.71	Medium	High	0.50	0.54	Medium	High	0.31	0.62	Medium	High

216	COBANLAR	0.53	0.65	High	High	0.62	0.59	High	High	0.53	0.62	High	High
217	CORLU	0.35	0.42	Medium	Medium	0.73	0.68	High	High	0.42	0.46	Medium	Medium
218	CORUM	0.30	0.16	Medium	Low	0.50	0.52	High	High	0.24	0.14	Low	Low
219	CUBUK	0.24	0.13	Low	Low	0.26	0.22	Medium	Low	0.10	0.05	Low	Low
220	CUKURCA	0.28	0.56	Medium	High	0.47	0.45	Medium	Medium	0.21	0.40	Low	Medium
221	CUKUROVA	0.78	0.88	Very High	Very High	0.29	0.31	Medium	Medium	0.36	0.44	Medium	Medium
222	CUMAYERI	0.34	0.30	Medium	Medium	0.60	0.61	High	High	0.33	0.29	Medium	Medium
223	CUMRA	0.78	0.90	Very High	Very High	0.33	0.20	Medium	Low	0.42	0.29	Medium	Medium
224	CUNGUS	0.47	0.58	Medium	High	0.47	0.51	Medium	High	0.36	0.48	Medium	Medium
225	DALAMAN	0.75	0.84	High	Very High	0.53	0.46	High	Medium	0.63	0.63	High	High
226	DARENDE	0.46	0.43	Medium	Medium	0.52	0.56	High	High	0.39	0.40	Medium	Medium
227	DARGECIT	0.39	0.68	Medium	High	0.51	0.55	High	High	0.32	0.60	Medium	High
228	DATCA	0.63	0.73	High	High	0.57	0.50	High	Medium	0.58	0.59	High	High
229	DAZKIRI	0.75	0.93	High	Very High	0.60	0.60	High	High	0.73	0.89	High	Very High
230	DEFNE	0.68	0.97	High	Very High	0.57	0.45	High	Medium	0.63	0.71	High	High
231	DELICE	0.33	0.28	Medium	Medium	0.55	0.50	High	High	0.29	0.22	Medium	Low
232	DEMIRCI	0.57	0.62	High	High	0.44	0.29	Medium	Medium	0.41	0.29	Medium	Medium
233	DEMIRKOY	0.37	0.45	Medium	Medium	0.94	0.87	Very High	Very High	0.56	0.63	High	High
234	DEMIROZU	0.17	0.19	Low	Low	0.66	0.68	High	High	0.18	0.21	Low	Low
235	DEMRE	0.68	0.84	High	Very High	0.72	0.58	High	High	0.79	0.78	Very High	Very High
236	DERBENT	0.64	0.73	High	High	0.40	0.21	Medium	Low	0.41	0.24	Medium	Low
237	DEREBUCAK	0.59	0.68	High	High	0.45	0.20	Medium	Low	0.43	0.22	Medium	Low
238	DERECIK	0.32	0.58	Medium	High	0.46	0.44	Medium	Medium	0.24	0.41	Low	Medium
239	DERIK	0.49	0.70	Medium	High	0.31	0.27	Medium	Medium	0.25	0.30	Low	Medium
240	DERINKUYU	0.54	0.52	High	High	0.65	0.62	High	High	0.57	0.53	High	High
241	DEVELI	0.55	0.50	High	Medium	0.43	0.47	Medium	Medium	0.39	0.38	Medium	Medium
242	DICLE	0.42	0.57	Medium	High	0.45	0.49	Medium	Medium	0.30	0.45	Medium	Medium
243	DIDIM	0.69	0.80	High	Very High	0.49	0.45	Medium	Medium	0.55	0.58	High	High
244	DIGOR	0.18	0.25	Low	Medium	0.69	0.75	High	Very High	0.20	0.31	Low	Medium
245	DIKILI	0.48	0.60	Medium	High	0.28	0.02	Medium	Low	0.22	0.02	Low	Low
246	DIKMEN	0.26	0.13	Medium	Low	0.55	0.50	High	High	0.23	0.11	Low	Low
247	DINAR	0.66	0.82	High	Very High	0.63	0.62	High	High	0.67	0.82	High	Very High
248	DIVRIGI	0.32	0.24	Medium	Low	0.56	0.69	High	High	0.29	0.26	Medium	Medium
249	DIYADIN	0.06	0.20	Low	Low	0.64	0.69	High	High	0.06	0.22	Low	Low
250	DODURGA	0.30	0.17	Medium	Low	0.50	0.46	High	Medium	0.24	0.13	Low	Low
251	DOGANHISAR	0.60	0.72	High	High	0.48	0.41	Medium	Medium	0.46	0.47	Medium	Medium
252	DOGANKENT	0.16	0.18	Low	Low	0.52	0.62	High	High	0.14	0.18	Low	Low
253	DOGANSAR	0.22	0.08	Low	Low	0.56	0.59	High	High	0.20	0.08	Low	Low
254	DOGANSEHIR	0.56	0.63	High	High	0.53	0.57	High	High	0.47	0.58	Medium	High
255	DOGANYOL	0.47	0.56	Medium	High	0.53	0.57	High	High	0.40	0.52	Medium	High
256	DOGANYURT	0.28	0.12	Medium	Low	0.49	0.44	Medium	Medium	0.22	0.08	Low	Low
257	DOGUBAYAZIT	0.12	0.24	Low	Low	0.62	0.60	High	High	0.12	0.24	Low	Low
258	DOMANIC	0.30	0.26	Medium	Medium	0.63	0.40	High	Medium	0.30	0.17	Medium	Low
259	DORTDIVAN	0.21	0.05	Low	Low	0.56	0.56	High	High	0.19	0.05	Low	Low
260	DORTYOL	0.68	0.83	High	Very High	0.57	0.48	High	Medium	0.62	0.64	High	High

261	DOSEMEALTI	0.76	0.87	Very High	Very High	0.38	0.26	Medium	Medium	0.47	0.36	Medium	Medium
262	DULKADIROGLU	0.69	0.81	High	Very High	0.48	0.52	Medium	High	0.54	0.68	High	High
263	DUMLUPINAR	0.54	0.66	High	High	0.62	0.59	High	High	0.54	0.63	High	High
264	DURAGAN	0.27	0.13	Medium	Low	0.60	0.56	High	High	0.26	0.12	Medium	Low
265	DURSUNBEY	0.38	0.44	Medium	Medium	0.51	0.28	High	Medium	0.31	0.20	Medium	Low
266	DUZICI	0.78	0.91	Very High	Very High	0.55	0.59	High	High	0.69	0.86	High	Very High
267	ECEABAT	0.38	0.44	Medium	Medium	0.86	0.79	Very High	Very High	0.52	0.56	High	High
268	EDIRNE	0.45	0.54	Medium	High	0.61	0.63	High	High	0.44	0.55	Medium	High
269	EDREMIT	0.36	0.44	Medium	Medium	0.51	0.18	High	Low	0.29	0.13	Medium	Low
270	EDREMIT	0.14	0.38	Low	Medium	0.45	0.52	Medium	High	0.11	0.32	Low	Medium
271	EFELER	0.70	0.81	High	Very High	0.55	0.54	High	High	0.62	0.71	High	High
272	EGIL	0.44	0.61	Medium	High	0.42	0.46	Medium	Medium	0.30	0.45	Medium	Medium
273	EGIRDIR	0.69	0.82	High	Very High	0.69	0.58	High	High	0.77	0.76	Very High	Very High
274	EKINOZU	0.57	0.60	High	High	0.51	0.55	High	High	0.47	0.53	Medium	High
275	ELAZIG	0.41	0.47	Medium	Medium	0.59	0.66	High	High	0.39	0.50	Medium	High
276	ELBEYLI	0.69	0.81	High	Very High	0.64	0.52	High	High	0.72	0.69	High	High
277	ELBISTAN	0.52	0.51	High	High	0.49	0.53	Medium	High	0.41	0.44	Medium	Medium
278	ELDIVAN	0.27	0.16	Medium	Low	0.61	0.57	High	High	0.27	0.14	Medium	Low
279	ELESKIRT	0.12	0.21	Low	Low	0.66	0.73	High	High	0.13	0.25	Low	Low
280	ELMADAG	0.34	0.26	Medium	Medium	0.17	0.12	Low	Low	0.09	0.05	Low	Low
281	ELMALI	0.55	0.70	High	High	0.43	0.29	Medium	Medium	0.38	0.33	Medium	Medium
282	EMET	0.42	0.44	Medium	Medium	0.62	0.39	High	Medium	0.42	0.27	Medium	Medium
283	EMIRDAG	0.49	0.60	Medium	High	0.59	0.55	High	High	0.47	0.54	Medium	High
284	EMIRGAZI	0.74	0.79	High	Very High	0.56	0.53	High	High	0.67	0.68	High	High
285	ENEZ	0.38	0.45	Medium	Medium	0.82	0.78	Very High	Very High	0.51	0.57	High	High
286	ERBAA	0.25	0.13	Low	Low	0.52	0.55	High	High	0.21	0.12	Low	Low
287	ERCIS	0.07	0.26	Low	Medium	0.52	0.53	High	High	0.06	0.22	Low	Low
288	ERDEK	0.35	0.40	Medium	Medium	0.60	0.43	High	Medium	0.34	0.28	Medium	Medium
289	ERDEMLI	0.62	0.71	High	High	0.36	0.23	Medium	Low	0.36	0.27	Medium	Medium
290	EREGLI	0.78	0.82	Very High	Very High	0.36	0.31	Medium	Medium	0.46	0.41	Medium	Medium
291	EREGLI	0.34	0.24	Medium	Low	0.47	0.48	Medium	Medium	0.26	0.19	Medium	Low
292	ERFELEK	0.28	0.15	Medium	Low	0.56	0.51	High	High	0.25	0.12	Low	Low
293	ERGANI	0.47	0.62	Medium	High	0.44	0.48	Medium	Medium	0.33	0.48	Medium	Medium
294	ERGENE	0.37	0.44	Medium	Medium	0.51	0.54	High	High	0.31	0.38	Medium	Medium
295	ERMENEK	0.70	0.80	High	Very High	0.67	0.50	High	High	0.76	0.65	Very High	High
296	ERUH	0.35	0.64	Medium	High	0.61	0.65	High	High	0.34	0.68	Medium	High
297	ERZIN	0.75	0.89	High	Very High	0.53	0.44	High	Medium	0.63	0.63	High	High
298	ERZINCAN	0.18	0.17	Low	Low	0.59	0.72	High	High	0.17	0.20	Low	Low
299	ESENYURT	0.27	0.36	Medium	Medium	0.43	0.36	Medium	Medium	0.19	0.21	Low	Low
300	ESKIL	0.66	0.73	High	High	0.60	0.56	High	High	0.64	0.66	High	High
301	ESKIPAZAR	0.23	0.09	Low	Low	0.61	0.61	High	High	0.23	0.09	Low	Low
302	ESME	0.67	0.74	High	High	0.58	0.50	High	High	0.63	0.60	High	High
303	ETIMESGUT	0.39	0.31	Medium	Medium	0.28	0.24	Medium	Low	0.17	0.12	Low	Low
304	EVCILER	0.69	0.87	High	Very High	0.58	0.58	High	High	0.65	0.81	High	Very High
305	EVREN	0.48	0.43	Medium	Medium	0.15	0.11	Low	Low	0.12	0.08	Low	Low

306	EYUPSULTAN	0.28	0.34	Medium	Medium	0.45	0.38	Medium	Medium	0.20	0.21	Low	Low
307	EYYUBIYE	0.57	0.70	High	High	0.39	0.43	Medium	Medium	0.36	0.48	Medium	Medium
308	EZINE	0.33	0.43	Medium	Medium	0.50	0.13	Medium	Low	0.26	0.09	Medium	Low
309	FEKE	0.72	0.71	High	High	0.41	0.46	Medium	Medium	0.47	0.52	Medium	High
310	FELAHIYE	0.44	0.36	Medium	Medium	0.38	0.34	Medium	Medium	0.27	0.20	Medium	Low
311	FERIZLI	0.37	0.35	Medium	Medium	0.55	0.50	High	Medium	0.33	0.28	Medium	Medium
312	FETHIYE	0.75	0.83	High	Very High	0.52	0.42	High	Medium	0.63	0.56	High	High
313	FINDIKLI	0.15	0.11	Low	Low	0.45	0.30	Medium	Medium	0.11	0.05	Low	Low
314	FINIKE	0.65	0.80	High	Very High	0.52	0.37	High	Medium	0.55	0.48	High	Medium
315	FOCA	0.53	0.72	High	High	0.24	0.09	Low	Low	0.21	0.11	Low	Low
316	GAZIEMIR	0.60	0.77	High	Very High	0.25	0.03	Low	Low	0.24	0.03	Low	Low
317	GAZIPASA	0.73	0.91	High	Very High	0.40	0.24	Medium	Low	0.48	0.35	Medium	Medium
318	GEDIZ	0.52	0.57	High	High	0.58	0.41	High	Medium	0.49	0.38	Medium	Medium
319	GELENDOST	0.69	0.83	High	Very High	0.70	0.61	High	High	0.78	0.82	Very High	Very High
320	GELIBOLU	0.38	0.43	Medium	Medium	0.87	0.80	Very High	Very High	0.52	0.55	High	High
321	GEMEREK	0.39	0.32	Medium	Medium	0.53	0.49	High	Medium	0.33	0.25	Medium	Medium
322	GEMLIK	0.29	0.30	Medium	Medium	0.62	0.41	High	Medium	0.29	0.20	Medium	Low
323	GENC	0.29	0.47	Medium	Medium	0.69	0.75	High	High	0.33	0.57	Medium	High
324	GERCUS	0.39	0.68	Medium	High	0.55	0.59	High	High	0.34	0.65	Medium	High
325	GEREDE	0.21	0.08	Low	Low	0.56	0.56	High	High	0.19	0.08	Low	Low
326	GERGER	0.52	0.63	High	High	0.56	0.61	High	High	0.47	0.62	Medium	High
327	GERMENCIK	0.68	0.79	High	Very High	0.50	0.49	High	Medium	0.55	0.63	High	High
328	GERZE	0.27	0.15	Medium	Low	0.55	0.51	High	High	0.24	0.12	Low	Low
329	GEVAS	0.11	0.36	Low	Medium	0.63	0.80	High	Very High	0.11	0.46	Low	Medium
330	GEYVE	0.34	0.29	Medium	Medium	0.54	0.50	High	High	0.30	0.23	Medium	Low
331	GOKCEADA	0.37	0.48	Medium	Medium	0.51	0.48	High	Medium	0.30	0.37	Medium	Medium
332	GOKSUN	0.57	0.54	High	High	0.50	0.54	Medium	High	0.46	0.47	Medium	Medium
333	GOLBASI	0.64	0.76	High	Very High	0.56	0.61	High	High	0.58	0.74	High	High
334	GOLBASI	0.42	0.36	Medium	Medium	0.25	0.21	Medium	Low	0.17	0.12	Low	Low
335	GOLCUK	0.30	0.24	Medium	Low	0.70	0.52	High	High	0.34	0.21	Medium	Low
336	GOLE	0.17	0.20	Low	Low	0.81	0.95	Very High	Very High	0.22	0.31	Low	Medium
337	GOLHISAR	0.69	0.83	High	Very High	0.66	0.64	High	High	0.73	0.86	High	Very High
338	GOLKOY	0.19	0.09	Low	Low	0.44	0.54	Medium	High	0.13	0.07	Low	Low
339	GOLMARMARA	0.59	0.68	High	High	0.42	0.27	Medium	Medium	0.40	0.30	Medium	Medium
340	GOLOVA	0.19	0.14	Low	Low	0.55	0.59	High	High	0.17	0.13	Low	Low
341	GOLPAZARI	0.34	0.27	Medium	Medium	0.68	0.64	High	High	0.37	0.28	Medium	Medium
342	GOLYAKA	0.30	0.22	Medium	Low	0.64	0.64	High	High	0.31	0.23	Medium	Low
343	GOMEC	0.46	0.57	Medium	High	0.46	0.12	Medium	Low	0.34	0.11	Medium	Low
344	GONEN	0.39	0.40	Medium	Medium	0.56	0.37	High	Medium	0.35	0.24	Medium	Low
345	GONEN	0.73	0.90	High	Very High	0.57	0.51	High	High	0.67	0.74	High	High
346	GORDES	0.56	0.61	High	High	0.44	0.29	Medium	Medium	0.40	0.28	Medium	Medium
347	GOYNUCEK	0.32	0.21	Medium	Low	0.54	0.58	High	High	0.28	0.20	Medium	Low
348	GOYNUK	0.29	0.20	Medium	Low	0.63	0.60	High	High	0.30	0.20	Medium	Low
349	GUCE	0.12	0.09	Low	Low	0.51	0.66	High	High	0.10	0.10	Low	Low
350	GUCLUKONAK	0.38	0.68	Medium	High	0.51	0.55	High	High	0.31	0.61	Medium	High

351	GUDUL	0.30	0.22	Medium	Low	0.29	0.25	Medium	Medium	0.14	0.09	Low	Low
352	GULAGAC	0.58	0.59	High	High	0.64	0.61	High	High	0.60	0.57	High	High
353	GULNAR	0.73	0.92	High	Very High	0.47	0.31	Medium	Medium	0.56	0.46	High	Medium
354	GULSEHIR	0.50	0.47	Medium	Medium	0.56	0.51	High	High	0.44	0.39	Medium	Medium
355	GUMUSHACIKOY	0.26	0.13	Medium	Low	0.54	0.53	High	High	0.23	0.11	Low	Low
356	GUMUSHANE	0.14	0.14	Low	Low	0.59	0.69	High	High	0.14	0.15	Low	Low
357	GUMUSOVA	0.34	0.30	Medium	Medium	0.62	0.61	High	High	0.34	0.29	Medium	Medium
358	GUNDOGMUS	0.66	0.73	High	High	0.39	0.21	Medium	Low	0.42	0.25	Medium	Medium
359	GUNEY	0.74	0.84	High	Very High	0.52	0.49	High	Medium	0.62	0.67	High	High
360	GUNEYSINIR	0.74	0.84	High	Very High	0.51	0.39	High	Medium	0.61	0.53	High	High
361	GUNYUZU	0.49	0.52	Medium	High	0.51	0.48	High	Medium	0.40	0.40	Medium	Medium
362	GUROYMAK	0.04	0.30	Low	Medium	0.72	0.80	High	Very High	0.04	0.39	Low	Medium
363	GURPINAR	0.07	0.30	Low	Medium	0.51	0.56	High	High	0.06	0.27	Low	Medium
364	GURSU	0.27	0.26	Medium	Medium	0.40	0.17	Medium	Low	0.18	0.07	Low	Low
365	GURUN	0.41	0.32	Medium	Medium	0.58	0.63	High	High	0.39	0.32	Medium	Medium
366	GUZELBAHCE	0.55	0.72	High	High	0.27	0.04	Medium	Low	0.24	0.05	Low	Low
367	GUZELYURT	0.58	0.58	High	High	0.66	0.63	High	High	0.62	0.59	High	High
368	HACIBEKTAS	0.45	0.40	Medium	Medium	0.56	0.52	High	High	0.41	0.34	Medium	Medium
369	HACILAR	0.44	0.36	Medium	Medium	0.40	0.37	Medium	Medium	0.28	0.22	Medium	Low
370	HADIM	0.68	0.73	High	High	0.50	0.33	Medium	Medium	0.55	0.39	High	Medium
371	HAFIK	0.27	0.14	Medium	Low	0.55	0.52	High	High	0.24	0.12	Low	Low
372	HAKKARI	0.17	0.45	Low	Medium	0.47	0.45	Medium	Medium	0.13	0.33	Low	Medium
373	HALFETI	0.61	0.74	High	High	0.41	0.46	Medium	Medium	0.41	0.55	Medium	High
374	HALILIYE	0.53	0.69	High	High	0.39	0.43	Medium	Medium	0.33	0.48	Medium	Medium
375	HALKAPINAR	0.61	0.62	High	High	0.38	0.33	Medium	Medium	0.38	0.33	Medium	Medium
376	HAMAMOZU	0.27	0.12	Medium	Low	0.53	0.51	High	High	0.23	0.10	Low	Low
377	HAMUR	0.06	0.20	Low	Low	0.67	0.75	High	High	0.07	0.24	Low	Low
378	HAN	0.44	0.53	Medium	High	0.55	0.51	High	High	0.39	0.44	Medium	Medium
379	HANI	0.40	0.56	Medium	High	0.50	0.54	Medium	High	0.32	0.49	Medium	Medium
380	HANONU	0.25	0.08	Medium	Low	0.54	0.50	High	High	0.22	0.07	Low	Low
381	HARMANCIK	0.38	0.40	Medium	Medium	0.37	0.14	Medium	Low	0.23	0.09	Low	Low
382	HARRAN	0.57	0.70	High	High	0.39	0.43	Medium	Medium	0.35	0.49	Medium	Medium
383	HASANBEYLI	0.80	0.94	Very High	Very High	0.50	0.53	High	High	0.64	0.80	High	Very High
384	HASANKEYF	0.39	0.68	Medium	High	0.57	0.61	High	High	0.35	0.67	Medium	High
385	HASKOY	0.14	0.39	Low	Medium	0.70	0.77	High	Very High	0.16	0.49	Low	Medium
386	HASSA	0.77	0.90	Very High	Very High	0.56	0.45	High	Medium	0.70	0.65	High	High
387	HAVRAN	0.37	0.47	Medium	Medium	0.50	0.19	High	Low	0.30	0.14	Medium	Low
388	HAVSA	0.45	0.51	Medium	High	0.62	0.65	High	High	0.45	0.53	Medium	High
389	HAVZA	0.26	0.13	Medium	Low	0.39	0.37	Medium	Medium	0.16	0.08	Low	Low
390	HAYMANA	0.45	0.46	Medium	Medium	0.27	0.23	Medium	Low	0.19	0.17	Low	Low
391	HAYRABOLU	0.42	0.50	Medium	Medium	0.49	0.51	Medium	High	0.33	0.41	Medium	Medium
392	HAZRO	0.39	0.59	Medium	High	0.44	0.48	Medium	Medium	0.27	0.45	Medium	Medium
393	HEKIMHAN	0.37	0.31	Medium	Medium	0.53	0.58	High	High	0.32	0.29	Medium	Medium
394	HENDEK	0.34	0.29	Medium	Medium	0.54	0.51	High	High	0.30	0.24	Medium	Low
395	HILVAN	0.53	0.69	High	High	0.41	0.45	Medium	Medium	0.35	0.50	Medium	High

396	HINIS	0.07	0.20	Low	Low	0.58	0.65	High	High	0.07	0.21	Low	Low
397	HISARCIK	0.48	0.51	Medium	High	0.62	0.39	High	Medium	0.48	0.32	Medium	Medium
398	HIZAN	0.15	0.42	Low	Medium	0.71	0.80	High	Very High	0.17	0.54	Low	High
399	HOCALAR	0.58	0.72	High	High	0.63	0.62	High	High	0.59	0.73	High	High
400	HONAZ	0.73	0.87	High	Very High	0.53	0.53	High	High	0.62	0.74	High	High
401	HORASAN	0.14	0.21	Low	Low	0.47	0.48	Medium	Medium	0.11	0.17	Low	Low
402	HOZAT	0.27	0.26	Medium	Medium	0.82	0.89	Very High	Very High	0.35	0.38	Medium	Medium
403	HUYUK	0.68	0.82	High	Very High	0.45	0.21	Medium	Low	0.49	0.28	Medium	Medium
404	IBRADI	0.61	0.73	High	High	0.34	0.10	Medium	Low	0.34	0.12	Medium	Low
405	IDIL	0.40	0.70	Medium	High	0.42	0.43	Medium	Medium	0.27	0.48	Medium	Medium
406	IGDIR	0.22	0.33	Low	Medium	0.66	0.64	High	High	0.23	0.34	Low	Medium
407	IHSANGAZI	0.24	0.05	Low	Low	0.54	0.55	High	High	0.21	0.05	Low	Low
408	IHSANIYE	0.48	0.57	Medium	High	0.61	0.58	High	High	0.48	0.53	Medium	High
409	IKIZDERE	0.13	0.12	Low	Low	0.49	0.57	Medium	High	0.10	0.11	Low	Low
410	ILGAZ	0.25	0.06	Low	Low	0.61	0.57	High	High	0.25	0.06	Low	Low
411	ILGIN	0.62	0.75	High	Very High	0.44	0.40	Medium	Medium	0.44	0.48	Medium	Medium
412	ILIC	0.27	0.22	Medium	Low	0.58	0.70	High	High	0.25	0.25	Medium	Low
413	IMAMOGLU	0.84	0.93	Very High	Very High	0.32	0.36	Medium	Medium	0.43	0.55	Medium	High
414	IMRANLI	0.25	0.15	Low	Low	0.56	0.58	High	High	0.22	0.15	Low	Low
415	INCESU	0.47	0.42	Medium	Medium	0.40	0.38	Medium	Medium	0.31	0.26	Medium	Medium
416	INCIRLIOVA	0.68	0.79	High	Very High	0.53	0.53	High	High	0.59	0.67	High	High
417	INEGOL	0.29	0.25	Medium	Low	0.43	0.38	Medium	Medium	0.20	0.15	Low	Low
418	INHISAR	0.36	0.28	Medium	Medium	0.67	0.63	High	High	0.38	0.28	Medium	Medium
419	INONU	0.36	0.31	Medium	Medium	0.55	0.51	High	High	0.32	0.25	Medium	Medium
420	IPEKYOLU	0.10	0.34	Low	Medium	0.44	0.49	Medium	Medium	0.07	0.27	Low	Medium
421	IPSALA	0.40	0.48	Medium	Medium	0.61	0.63	High	High	0.39	0.49	Medium	Medium
422	ISCEHISAR	0.49	0.60	Medium	High	0.61	0.58	High	High	0.48	0.57	Medium	High
423	ISKENDERUN	0.81	0.97	Very High	Very High	0.58	0.49	High	Medium	0.75	0.76	Very High	Very High
424	ISKILIP	0.29	0.12	Medium	Low	0.51	0.47	High	Medium	0.23	0.09	Low	Low
425	ISLAHIYE	0.78	0.91	Very High	Very High	0.53	0.41	High	Medium	0.67	0.61	High	High
426	ISPARTA	0.73	0.88	High	Very High	0.57	0.48	High	Medium	0.67	0.68	High	High
427	ISPIR	0.12	0.11	Low	Low	0.44	0.46	Medium	Medium	0.09	0.08	Low	Low
428	IVRINDI	0.39	0.47	Medium	Medium	0.49	0.26	Medium	Medium	0.30	0.19	Medium	Low
429	IZNIK	0.31	0.28	Medium	Medium	0.64	0.40	High	Medium	0.32	0.18	Medium	Low
430	KADINHANI	0.60	0.74	High	High	0.44	0.40	Medium	Medium	0.43	0.48	Medium	Medium
431	KADIRLI	0.81	0.93	Very High	Very High	0.52	0.55	High	High	0.67	0.83	High	Very High
432	KADISEHRI	0.33	0.24	Medium	Low	0.53	0.57	High	High	0.28	0.23	Medium	Low
433	KAGIZMAN	0.18	0.26	Low	Medium	0.60	0.62	High	High	0.17	0.26	Low	Medium
434	KAHRAMANKAZAN	0.33	0.23	Medium	Low	0.29	0.25	Medium	Medium	0.15	0.09	Low	Low
435	KAHTA	0.54	0.68	High	High	0.53	0.57	High	High	0.46	0.63	Medium	High
436	KALE	0.75	0.85	High	Very High	0.54	0.54	High	High	0.66	0.74	High	High
437	KALE	0.49	0.55	Medium	High	0.53	0.58	High	High	0.42	0.52	Medium	High
438	KALECIK	0.28	0.20	Medium	Low	0.17	0.13	Low	Low	0.08	0.04	Low	Low
439	KAMAN	0.42	0.36	Medium	Medium	0.58	0.54	High	High	0.40	0.31	Medium	Medium
440	KANGAL	0.36	0.26	Medium	Medium	0.57	0.65	High	High	0.32	0.28	Medium	Medium

441	KAPAKLI	0.35	0.41	Medium	Medium	0.50	0.52	High	High	0.28	0.34	Medium	Medium
442	KARABAGLAR	0.59	0.76	High	Very High	0.28	0.06	Medium	Low	0.27	0.07	Medium	Low
443	KARABUK	0.26	0.12	Medium	Low	0.60	0.60	High	High	0.25	0.12	Low	Low
444	KARABURUN	0.44	0.62	Medium	High	0.27	0.04	Medium	Low	0.19	0.04	Low	Low
445	KARACABEY	0.35	0.38	Medium	Medium	0.37	0.15	Medium	Low	0.21	0.09	Low	Low
446	KARACASU	0.76	0.85	Very High	Very High	0.56	0.56	High	High	0.69	0.76	High	Very High
447	KARACOBAN	0.09	0.23	Low	Low	0.57	0.64	High	High	0.08	0.24	Low	Low
448	KARAHALLI	0.68	0.79	High	Very High	0.63	0.63	High	High	0.70	0.80	High	Very High
449	KARAISALI	0.80	0.91	Very High	Very High	0.36	0.41	Medium	Medium	0.47	0.60	Medium	High
450	KARAKECILI	0.43	0.35	Medium	Medium	0.55	0.50	High	High	0.38	0.29	Medium	Medium
451	KARAKOCAN	0.28	0.36	Medium	Medium	0.62	0.70	High	High	0.28	0.41	Medium	Medium
452	KARAKOPRU	0.57	0.69	High	High	0.41	0.45	Medium	Medium	0.37	0.51	Medium	High
453	KARAKOYUNLU	0.24	0.34	Low	Medium	0.64	0.62	High	High	0.25	0.34	Low	Medium
454	KARAMAN	0.79	0.86	Very High	Very High	0.58	0.50	High	Medium	0.74	0.69	High	High
455	KARAMANLI	0.69	0.88	High	Very High	0.62	0.58	High	High	0.68	0.83	High	Very High
456	KARAMURSEL	0.29	0.27	Medium	Medium	0.68	0.49	High	Medium	0.32	0.22	Medium	Low
457	KARAPINAR	0.79	0.88	Very High	Very High	0.37	0.30	Medium	Medium	0.47	0.42	Medium	Medium
458	KARASU	0.36	0.34	Medium	Medium	0.58	0.54	High	High	0.33	0.29	Medium	Medium
459	KARATAS	0.77	0.97	Very High	Very High	0.30	0.35	Medium	Medium	0.37	0.54	Medium	High
460	KARATAY	0.73	0.85	High	Very High	0.38	0.29	Medium	Medium	0.45	0.39	Medium	Medium
461	KARAYAZI	0.08	0.17	Low	Low	0.53	0.58	High	High	0.07	0.16	Low	Low
462	KARESI	0.37	0.40	Medium	Medium	0.49	0.26	Medium	Medium	0.30	0.17	Medium	Low
463	KARGI	0.24	0.08	Low	Low	0.52	0.48	High	Medium	0.20	0.07	Low	Low
464	KARKAMIS	0.66	0.74	High	High	0.32	0.36	Medium	Medium	0.34	0.43	Medium	Medium
465	KARLIOVA	0.10	0.20	Low	Low	0.72	0.80	High	Very High	0.11	0.26	Low	Medium
466	KARPUZLU	0.70	0.80	High	Very High	0.55	0.54	High	High	0.62	0.70	High	High
467	KARS	0.19	0.27	Low	Medium	0.69	0.76	High	Very High	0.21	0.34	Low	Medium
468	KARSIYAKA	0.55	0.73	High	High	0.29	0.08	Medium	Low	0.26	0.09	Medium	Low
469	KAS	0.61	0.72	High	High	0.60	0.47	High	Medium	0.59	0.55	High	High
470	KASTAMONU	0.27	0.09	Medium	Low	0.53	0.49	High	Medium	0.23	0.07	Low	Low
471	KAVAKLIDERE	0.71	0.82	High	Very High	0.56	0.56	High	High	0.65	0.74	High	High
472	KAYAPINAR	0.44	0.64	Medium	High	0.42	0.46	Medium	Medium	0.30	0.48	Medium	Medium
473	KAZIMKARABEKIR	0.80	0.90	Very High	Very High	0.53	0.48	High	Medium	0.68	0.69	High	High
474	KEBAN	0.39	0.39	Medium	Medium	0.55	0.60	High	High	0.35	0.38	Medium	Medium
475	KECIBORLU	0.73	0.90	High	Very High	0.58	0.56	High	High	0.69	0.81	High	Very High
476	KECIOREN	0.33	0.24	Medium	Low	0.28	0.25	Medium	Low	0.15	0.10	Low	Low
477	KELES	0.28	0.25	Medium	Low	0.40	0.17	Medium	Low	0.18	0.07	Low	Low
478	KELKIT	0.18	0.18	Low	Low	0.66	0.70	High	High	0.19	0.21	Low	Low
479	KEMAH	0.20	0.17	Low	Low	0.60	0.72	High	High	0.20	0.19	Low	Low
480	KEMALIYE	0.30	0.24	Medium	Low	0.60	0.73	High	High	0.29	0.28	Medium	Medium
481	KEMALPASA	0.59	0.75	High	Very High	0.28	0.12	Medium	Low	0.26	0.15	Medium	Low
482	KEMALPASA	0.20	0.20	Low	Low	0.55	0.41	High	Medium	0.18	0.13	Low	Low
483	KEMER	0.63	0.81	High	Very High	0.48	0.26	Medium	Medium	0.49	0.34	Medium	Medium
484	KEMER	0.70	0.88	High	Very High	0.62	0.57	High	High	0.70	0.81	High	Very High
485	KEPEZ	0.75	0.85	Very High	Very High	0.33	0.17	Medium	Low	0.40	0.23	Medium	Low

486	KEPSUT	0.35	0.41	Medium	Medium	0.50	0.27	High	Medium	0.29	0.18	Medium	Low
487	KESAN	0.38	0.46	Medium	Medium	0.68	0.68	High	High	0.42	0.51	Medium	High
488	KESKIN	0.39	0.32	Medium	Medium	0.55	0.51	High	High	0.34	0.26	Medium	Medium
489	KESTEL	0.26	0.24	Medium	Low	0.39	0.23	Medium	Low	0.16	0.09	Low	Low
490	KIBRISCIK	0.22	0.08	Low	Low	0.64	0.60	High	High	0.23	0.08	Low	Low
491	KIGI	0.19	0.23	Low	Low	0.73	0.81	High	Very High	0.22	0.30	Low	Medium
492	KILIS	0.73	0.88	High	Very High	0.78	0.66	Very High	High	0.92	0.93	Very High	Very High
493	KINIK	0.46	0.57	Medium	High	0.31	0.13	Medium	Low	0.23	0.12	Low	Low
494	KIRAZ	0.70	0.78	High	Very High	0.25	0.10	Medium	Low	0.28	0.12	Medium	Low
495	KIRIKHAN	0.79	0.94	Very High	Very High	0.55	0.43	High	Medium	0.70	0.65	High	High
496	KIRIKKALE	0.35	0.27	Medium	Medium	0.42	0.37	Medium	Medium	0.24	0.17	Low	Low
497	KIRKAGAC	0.47	0.54	Medium	High	0.46	0.27	Medium	Medium	0.35	0.24	Medium	Low
498	KIRKLARELI	0.40	0.48	Medium	Medium	0.67	0.69	High	High	0.43	0.54	Medium	High
499	KIRSEHIR	0.43	0.38	Medium	Medium	0.58	0.53	High	High	0.40	0.33	Medium	Medium
500	KIZILCAHAMAM	0.23	0.12	Low	Low	0.31	0.28	Medium	Medium	0.12	0.05	Low	Low
501	KIZILIRMAK	0.36	0.26	Medium	Medium	0.62	0.58	High	High	0.36	0.25	Medium	Low
502	KIZILOREN	0.65	0.82	High	Very High	0.61	0.61	High	High	0.64	0.81	High	Very High
503	KIZILTEPE	0.51	0.72	High	High	0.27	0.22	Medium	Low	0.22	0.26	Low	Medium
504	KOCAALI	0.34	0.30	Medium	Medium	0.57	0.58	High	High	0.31	0.28	Medium	Medium
505	KOCAKOY	0.40	0.59	Medium	High	0.43	0.47	Medium	Medium	0.28	0.45	Medium	Medium
506	KOCARLI	0.69	0.80	High	Very High	0.54	0.54	High	High	0.60	0.69	High	High
507	KOCASINAN	0.48	0.41	Medium	Medium	0.37	0.32	Medium	Medium	0.29	0.22	Medium	Low
508	KOFCAZ	0.40	0.48	Medium	Medium	0.71	0.84	High	Very High	0.45	0.65	Medium	High
509	KONAK	0.60	0.77	High	Very High	0.25	0.03	Medium	Low	0.25	0.04	Low	Low
510	KONYAALTI	0.65	0.76	High	Very High	0.40	0.26	Medium	Medium	0.41	0.31	Medium	Medium
511	KOPRUBASI	0.61	0.67	High	High	0.42	0.27	Medium	Medium	0.42	0.29	Medium	Medium
512	KOPRUBASI	0.16	0.16	Low	Low	0.41	0.49	Medium	Medium	0.11	0.13	Low	Low
513	KOPRUKOY	0.13	0.21	Low	Low	0.46	0.47	Medium	Medium	0.09	0.16	Low	Low
514	KORGAN	0.21	0.11	Low	Low	0.45	0.54	Medium	High	0.16	0.09	Low	Low
515	KORGUN	0.25	0.09	Medium	Low	0.61	0.57	High	High	0.25	0.09	Medium	Low
516	KORKUT	0.08	0.30	Low	Medium	0.69	0.77	High	Very High	0.09	0.38	Low	Medium
517	KORKUTELI	0.64	0.78	High	Very High	0.40	0.28	Medium	Medium	0.41	0.36	Medium	Medium
518	KOSE	0.17	0.20	Low	Low	0.65	0.69	High	High	0.18	0.22	Low	Low
519	KOSK	0.73	0.83	High	Very High	0.56	0.55	High	High	0.65	0.74	High	High
520	KOVANCILAR	0.35	0.44	Medium	Medium	0.62	0.70	High	High	0.35	0.50	Medium	High
521	KOYCEGIZ	0.72	0.82	High	Very High	0.56	0.53	High	High	0.65	0.70	High	High
522	KOYULHISAR	0.18	0.08	Low	Low	0.52	0.58	High	High	0.16	0.07	Low	Low
523	KOZAKLI	0.41	0.38	Medium	Medium	0.56	0.52	High	High	0.37	0.32	Medium	Medium
524	KOZAN	0.85	0.91	Very High	Very High	0.37	0.41	Medium	Medium	0.51	0.61	High	High
525	KOZLUK	0.33	0.56	Medium	High	0.57	0.61	High	High	0.31	0.55	Medium	High
526	KULA	0.66	0.72	High	High	0.43	0.28	Medium	Medium	0.46	0.32	Medium	Medium
527	KULP	0.28	0.49	Medium	Medium	0.49	0.53	Medium	High	0.22	0.42	Low	Medium
528	KULU	0.49	0.51	Medium	High	0.32	0.27	Medium	Medium	0.25	0.22	Medium	Low
529	KULUNCAK	0.39	0.33	Medium	Medium	0.54	0.58	High	High	0.34	0.31	Medium	Medium
530	KUMLU	0.76	0.91	Very High	Very High	0.53	0.41	High	Medium	0.65	0.60	High	High

531	KUMLUCA	0.61	0.76	High	Very High	0.46	0.25	Medium	Medium	0.45	0.31	Medium	Medium
532	KUMRU	0.22	0.11	Low	Low	0.47	0.52	Medium	High	0.16	0.09	Low	Low
533	KURSUNLU	0.24	0.08	Low	Low	0.62	0.58	High	High	0.24	0.07	Low	Low
534	KURTALAN	0.36	0.61	Medium	High	0.61	0.65	High	High	0.36	0.64	Medium	High
535	KURTUN	0.11	0.08	Low	Low	0.59	0.70	High	High	0.11	0.10	Low	Low
536	KURUCASILE	0.33	0.20	Medium	Low	0.59	0.62	High	High	0.32	0.20	Medium	Low
537	KUSADASI	0.68	0.81	High	Very High	0.51	0.44	High	Medium	0.56	0.58	High	High
538	KUTAHYA	0.41	0.42	Medium	Medium	0.61	0.57	High	High	0.40	0.39	Medium	Medium
539	KUYUCAK	0.74	0.83	High	Very High	0.56	0.54	High	High	0.67	0.73	High	High
540	LACIN	0.32	0.20	Medium	Low	0.50	0.46	High	Medium	0.26	0.15	Medium	Low
541	LADIK	0.22	0.08	Low	Low	0.40	0.43	Medium	Medium	0.14	0.06	Low	Low
542	LALAPASA	0.44	0.54	Medium	High	0.61	0.63	High	High	0.43	0.55	Medium	High
543	LAPSEKI	0.36	0.43	Medium	Medium	0.55	0.42	High	Medium	0.32	0.29	Medium	Medium
544	LICE	0.34	0.52	Medium	High	0.49	0.53	Medium	High	0.27	0.44	Medium	Medium
545	LULEBURGAZ	0.40	0.48	Medium	Medium	0.61	0.63	High	High	0.39	0.49	Medium	Medium
546	MACKA	0.14	0.14	Low	Low	0.41	0.49	Medium	Medium	0.09	0.11	Low	Low
547	MADEN	0.43	0.56	Medium	High	0.56	0.60	High	High	0.39	0.55	Medium	High
548	MAHMUDIYE	0.44	0.44	Medium	Medium	0.52	0.49	High	Medium	0.37	0.34	Medium	Medium
549	MALAZGIRT	0.07	0.23	Low	Low	0.67	0.74	High	High	0.07	0.28	Low	Medium
550	MALKARA	0.37	0.47	Medium	Medium	0.58	0.58	High	High	0.35	0.44	Medium	Medium
551	MAMAK	0.35	0.27	Medium	Medium	0.28	0.24	Medium	Low	0.15	0.10	Low	Low
552	MANAVGAT	0.68	0.82	High	Very High	0.32	0.09	Medium	Low	0.36	0.12	Medium	Low
553	MANYAS	0.38	0.39	Medium	Medium	0.50	0.27	Medium	Medium	0.31	0.17	Medium	Low
554	MARMARA	0.37	0.42	Medium	Medium	0.73	0.56	High	High	0.44	0.38	Medium	Medium
555	MARMARAEREGLISI	0.34	0.41	Medium	Medium	0.78	0.71	Very High	High	0.43	0.47	Medium	Medium
556	MARMARIS	0.65	0.75	High	High	0.58	0.50	High	High	0.60	0.61	High	High
557	MAZGIRT	0.32	0.38	Medium	Medium	0.81	0.89	Very High	Very High	0.42	0.54	Medium	High
558	MAZIDAGI	0.47	0.71	Medium	High	0.51	0.54	High	High	0.39	0.62	Medium	High
559	MECITOZU	0.31	0.18	Medium	Low	0.50	0.54	Medium	High	0.25	0.16	Low	Low
560	MELIKGAZI	0.46	0.38	Medium	Medium	0.38	0.34	Medium	Medium	0.28	0.21	Medium	Low
561	MENDERES	0.66	0.82	High	Very High	0.26	0.04	Medium	Low	0.27	0.06	Medium	Low
562	MENEMEN	0.52	0.71	High	High	0.25	0.10	Low	Low	0.21	0.11	Low	Low
563	MENGEN	0.23	0.13	Low	Low	0.55	0.56	High	High	0.21	0.12	Low	Low
564	MENTESE	0.70	0.81	High	Very High	0.57	0.54	High	High	0.65	0.71	High	High
565	MERAM	0.70	0.80	High	Very High	0.36	0.21	Medium	Low	0.41	0.27	Medium	Medium
566	MERIC	0.43	0.52	Medium	High	0.62	0.65	High	High	0.43	0.55	Medium	High
567	MERKEZEFENDI	0.74	0.86	High	Very High	0.53	0.52	High	High	0.63	0.73	High	High
568	MERZIFON	0.28	0.16	Medium	Low	0.54	0.57	High	High	0.24	0.14	Low	Low
569	MESUDIYE	0.17	0.07	Low	Low	0.43	0.54	Medium	High	0.12	0.06	Low	Low
570	MEZITLI	0.68	0.84	High	Very High	0.30	0.19	Medium	Low	0.33	0.26	Medium	Medium
571	MIDYAT	0.42	0.71	Medium	High	0.43	0.43	Medium	Medium	0.29	0.49	Medium	Medium
572	MIHALGAZI	0.35	0.27	Medium	Medium	0.57	0.53	High	High	0.32	0.23	Medium	Low
573	MIHALICCIK	0.36	0.31	Medium	Medium	0.51	0.47	High	Medium	0.30	0.24	Medium	Low
574	MILAS	0.64	0.77	High	Very High	0.56	0.50	High	Medium	0.58	0.62	High	High
575	MUCUR	0.44	0.39	Medium	Medium	0.58	0.54	High	High	0.41	0.34	Medium	Medium

576	MUDANYA	0.31	0.37	Medium	Medium	0.41	0.18	Medium	Low	0.21	0.11	Low	Low
577	MUDURNU	0.26	0.16	Medium	Low	0.63	0.60	High	High	0.27	0.15	Medium	Low
578	MURADIYE	0.10	0.30	Low	Medium	0.50	0.51	High	High	0.08	0.25	Low	Low
579	MURATLI	0.38	0.47	Medium	Medium	0.53	0.54	High	High	0.32	0.41	Medium	Medium
580	MURATPASA	0.72	0.82	High	Very High	0.35	0.18	Medium	Low	0.41	0.24	Medium	Low
581	MURGUL	0.16	0.14	Low	Low	0.63	0.65	High	High	0.16	0.15	Low	Low
582	MUS	0.14	0.36	Low	Medium	0.67	0.74	High	High	0.16	0.43	Low	Medium
583	MUSABEYLI	0.74	0.90	High	Very High	0.76	0.64	Very High	High	0.91	0.92	Very High	Very High
584	MUSTAFAKEMALPASA	0.34	0.36	Medium	Medium	0.38	0.15	Medium	Low	0.21	0.09	Low	Low
585	MUT	0.76	0.86	Very High	Very High	0.47	0.31	Medium	Medium	0.58	0.43	High	Medium
586	MUTKI	0.19	0.43	Low	Medium	0.70	0.74	High	High	0.21	0.51	Low	High
587	NALLIHAN	0.31	0.24	Medium	Low	0.30	0.26	Medium	Medium	0.15	0.10	Low	Low
588	NARLIDERE	0.57	0.74	High	High	0.29	0.07	Medium	Low	0.27	0.08	Medium	Low
589	NARMAN	0.14	0.19	Low	Low	0.42	0.44	Medium	Medium	0.10	0.14	Low	Low
590	NAZILLI	0.74	0.81	High	Very High	0.52	0.51	High	High	0.62	0.66	High	High
591	NAZIMIYE	0.24	0.27	Low	Medium	0.83	0.91	Very High	Very High	0.32	0.40	Medium	Medium
592	NEVSEHIR	0.51	0.49	High	Medium	0.56	0.52	High	High	0.46	0.42	Medium	Medium
593	NIGDE	0.57	0.55	High	High	0.61	0.58	High	High	0.57	0.52	High	High
594	NIKSAR	0.24	0.12	Low	Low	0.51	0.54	High	High	0.19	0.11	Low	Low
595	NILUFER	0.32	0.33	Medium	Medium	0.38	0.15	Medium	Low	0.20	0.08	Low	Low
596	NIZIP	0.66	0.76	High	Very High	0.33	0.38	Medium	Medium	0.35	0.46	Medium	Medium
597	NURDAGI	0.76	0.88	Very High	Very High	0.43	0.40	Medium	Medium	0.53	0.57	High	High
598	NURHAK	0.59	0.66	High	High	0.50	0.54	Medium	High	0.48	0.57	Medium	High
599	NUSAYBIN	0.46	0.71	Medium	High	0.31	0.27	Medium	Medium	0.23	0.30	Low	Medium
600	ODEMIS	0.67	0.77	High	Very High	0.24	0.10	Low	Low	0.26	0.12	Medium	Low
601	ODUNPAZARI	0.42	0.41	Medium	Medium	0.53	0.50	High	Medium	0.36	0.33	Medium	Medium
602	OGUZELI	0.67	0.78	High	Very High	0.33	0.37	Medium	Medium	0.35	0.47	Medium	Medium
603	OGUZLAR	0.29	0.15	Medium	Low	0.51	0.46	High	Medium	0.24	0.11	Low	Low
604	OLTU	0.17	0.20	Low	Low	0.43	0.45	Medium	Medium	0.12	0.15	Low	Low
605	OLUR	0.17	0.16	Low	Low	0.45	0.48	Medium	Medium	0.13	0.12	Low	Low
606	OMERLI	0.45	0.71	Medium	High	0.37	0.34	Medium	Medium	0.27	0.39	Medium	Medium
607	ONIKISUBAT	0.70	0.77	High	Very High	0.50	0.54	High	High	0.56	0.68	High	High
608	ORHANELI	0.31	0.32	Medium	Medium	0.38	0.15	Medium	Low	0.19	0.08	Low	Low
609	ORHANGAZI	0.29	0.29	Medium	Medium	0.61	0.37	High	Medium	0.29	0.17	Medium	Low
610	ORTA	0.21	0.08	Low	Low	0.54	0.51	High	High	0.19	0.06	Low	Low
611	ORTACA	0.71	0.80	High	Very High	0.51	0.46	High	Medium	0.58	0.59	High	High
612	ORTAKOY	0.51	0.49	High	Medium	0.52	0.48	High	Medium	0.43	0.38	Medium	Medium
613	ORTAKOY	0.31	0.20	Medium	Low	0.51	0.55	High	High	0.26	0.17	Medium	Low
614	OSMANCIK	0.27	0.13	Medium	Low	0.50	0.46	High	Medium	0.22	0.10	Low	Low
615	OSMANELI	0.32	0.27	Medium	Medium	0.68	0.62	High	High	0.35	0.27	Medium	Medium
616	OSMANGAZI	0.26	0.25	Medium	Medium	0.39	0.16	Medium	Low	0.17	0.07	Low	Low
617	OSMANIYE	0.80	0.93	Very High	Very High	0.55	0.58	High	High	0.71	0.86	High	Very High
618	OTLUKBELI	0.16	0.17	Low	Low	0.59	0.70	High	High	0.15	0.19	Low	Low
619	OVACIK	0.28	0.12	Medium	Low	0.60	0.60	High	High	0.27	0.12	Medium	Low
620	OVACIK	0.16	0.16	Low	Low	0.82	0.90	Very High	Very High	0.22	0.23	Low	Low

621	OZALP	0.08	0.29	Low	Medium	0.42	0.47	Medium	Medium	0.06	0.22	Low	Low
622	OZVATAN	0.44	0.37	Medium	Medium	0.37	0.33	Medium	Medium	0.27	0.19	Medium	Low
623	PALU	0.35	0.47	Medium	Medium	0.61	0.69	High	High	0.35	0.52	Medium	High
624	PAMUKKALE	0.74	0.86	High	Very High	0.53	0.52	High	High	0.63	0.72	High	High
625	PASINLER	0.12	0.17	Low	Low	0.46	0.47	Medium	Medium	0.09	0.13	Low	Low
626	PATNOS	0.05	0.24	Low	Low	0.67	0.75	High	Very High	0.06	0.29	Low	Medium
627	PAYAS	0.75	0.90	High	Very High	0.58	0.50	High	Medium	0.71	0.72	High	High
628	PAZAR	0.22	0.26	Low	Medium	0.57	0.60	High	High	0.20	0.26	Low	Medium
629	PAZAR	0.29	0.18	Medium	Low	0.51	0.55	High	High	0.24	0.16	Low	Low
630	PAZARCIK	0.69	0.84	High	Very High	0.45	0.49	Medium	Medium	0.50	0.66	High	High
631	PAZARLAR	0.59	0.63	High	High	0.56	0.41	High	Medium	0.53	0.42	High	Medium
632	PAZARYERI	0.30	0.23	Medium	Low	0.69	0.65	High	High	0.34	0.24	Medium	Low
633	PAZARYOLU	0.12	0.11	Low	Low	0.44	0.46	Medium	Medium	0.08	0.08	Low	Low
634	PEHLIVANKOY	0.46	0.51	Medium	High	0.61	0.63	High	High	0.45	0.52	Medium	High
635	PERTEK	0.37	0.40	Medium	Medium	0.81	0.89	Very High	Very High	0.49	0.57	Medium	High
636	PERVARI	0.27	0.58	Medium	High	0.62	0.66	High	High	0.28	0.62	Medium	High
637	PINARBASI	0.29	0.11	Medium	Low	0.45	0.42	Medium	Medium	0.21	0.07	Low	Low
638	PINARBASI	0.42	0.33	Medium	Medium	0.43	0.47	Medium	Medium	0.29	0.25	Medium	Medium
639	PINARHISAR	0.38	0.46	Medium	Medium	0.63	0.65	High	High	0.38	0.48	Medium	Medium
640	POLATELI	0.71	0.89	High	Very High	0.81	0.68	Very High	High	0.93	0.98	Very High	Very High
641	POLATLI	0.47	0.47	Medium	Medium	0.30	0.26	Medium	Medium	0.23	0.20	Low	Low
642	POZANTI	0.66	0.74	High	High	0.40	0.44	Medium	Medium	0.42	0.53	Medium	High
643	PULUMUR	0.16	0.17	Low	Low	0.78	0.87	Very High	Very High	0.20	0.24	Low	Low
644	PURSAKLAR	0.33	0.23	Medium	Low	0.29	0.25	Medium	Low	0.15	0.09	Low	Low
645	PUTURGE	0.51	0.59	High	High	0.55	0.59	High	High	0.45	0.57	Medium	High
646	REFAHIYE	0.19	0.13	Low	Low	0.59	0.66	High	High	0.18	0.14	Low	Low
647	RESADIYE	0.23	0.12	Low	Low	0.51	0.55	High	High	0.18	0.10	Low	Low
648	REYHANLI	0.75	0.93	Very High	Very High	0.52	0.40	High	Medium	0.63	0.60	High	High
649	SABANOZU	0.24	0.13	Low	Low	0.61	0.57	High	High	0.24	0.12	Low	Low
650	SAFRANBOLU	0.28	0.10	Medium	Low	0.57	0.58	High	High	0.26	0.10	Medium	Low
651	SAHINBEY	0.72	0.85	High	Very High	0.49	0.45	Medium	Medium	0.57	0.62	High	High
652	SAIMBEYLI	0.66	0.65	High	High	0.41	0.46	Medium	Medium	0.44	0.48	Medium	Medium
653	SALIHLI	0.64	0.72	High	High	0.42	0.27	Medium	Medium	0.44	0.31	Medium	Medium
654	SALPAZARI	0.13	0.12	Low	Low	0.41	0.50	Medium	High	0.08	0.10	Low	Low
655	SAMANDAG	0.65	0.92	High	Very High	0.59	0.48	High	Medium	0.62	0.71	High	High
656	SAMSAT	0.56	0.71	High	High	0.50	0.54	Medium	High	0.45	0.62	Medium	High
657	SANDIKLI	0.59	0.73	High	High	0.62	0.61	High	High	0.59	0.72	High	High
658	SAPHANE	0.55	0.58	High	High	0.57	0.41	High	Medium	0.50	0.39	High	Medium
659	SARAY	0.36	0.42	Medium	Medium	0.53	0.55	High	High	0.31	0.37	Medium	Medium
660	SARAY	0.09	0.27	Low	Medium	0.39	0.38	Medium	Medium	0.05	0.16	Low	Low
661	SARAYDUZU	0.27	0.13	Medium	Low	0.60	0.56	High	High	0.26	0.12	Medium	Low
662	SARAYKENT	0.34	0.27	Medium	Medium	0.54	0.57	High	High	0.29	0.25	Medium	Low
663	SARAYKOY	0.76	0.86	Very High	Very High	0.52	0.52	High	High	0.64	0.72	High	High
664	SARAYONU	0.60	0.75	High	Very High	0.41	0.37	Medium	Medium	0.40	0.45	Medium	Medium
665	SARICAKAYA	0.34	0.26	Medium	Medium	0.53	0.49	High	Medium	0.29	0.21	Medium	Low

666	SARICAM	0.84	0.92	Very High	Very High	0.32	0.36	Medium	Medium	0.43	0.54	Medium	High
667	SARIGOL	0.72	0.79	High	Very High	0.43	0.28	Medium	Medium	0.50	0.36	Medium	Medium
668	SARIKAMIS	0.16	0.23	Low	Low	0.60	0.63	High	High	0.15	0.23	Low	Low
669	SARIKAYA	0.37	0.31	Medium	Medium	0.54	0.50	High	Medium	0.32	0.25	Medium	Low
670	SARIOGLAN	0.45	0.38	Medium	Medium	0.37	0.33	Medium	Medium	0.27	0.20	Medium	Low
671	SARIVELILER	0.63	0.70	High	High	0.61	0.45	High	Medium	0.63	0.50	High	High
672	SARIYAHSI	0.48	0.44	Medium	Medium	0.25	0.21	Low	Low	0.19	0.15	Low	Low
673	SARIZ	0.47	0.37	Medium	Medium	0.45	0.49	Medium	Medium	0.34	0.30	Medium	Medium
674	SARKIKARAAGAC	0.65	0.78	High	Very High	0.64	0.41	High	Medium	0.67	0.51	High	High
675	SARKISLA	0.37	0.29	Medium	Medium	0.54	0.51	High	High	0.32	0.24	Medium	Low
676	SARKOY	0.36	0.43	Medium	Medium	0.80	0.73	Very High	High	0.46	0.51	Medium	High
677	SARUHANLI	0.54	0.64	High	High	0.42	0.27	Medium	Medium	0.37	0.28	Medium	Medium
678	SASON	0.27	0.49	Medium	Medium	0.61	0.65	High	High	0.27	0.51	Medium	High
679	SAVASTEPE	0.42	0.50	Medium	High	0.49	0.28	Medium	Medium	0.33	0.23	Medium	Low
680	SAVSAT	0.16	0.17	Low	Low	0.61	0.65	High	High	0.16	0.18	Low	Low
681	SAVUR	0.42	0.71	Medium	High	0.51	0.54	High	High	0.35	0.62	Medium	High
682	SEBEN	0.25	0.15	Medium	Low	0.61	0.57	High	High	0.25	0.14	Medium	Low
683	SEBINKARAHISAR	0.16	0.10	Low	Low	0.55	0.59	High	High	0.14	0.09	Low	Low
684	SEFAATLI	0.38	0.35	Medium	Medium	0.54	0.50	High	High	0.33	0.28	Medium	Medium
685	SEFERIHISAR	0.60	0.80	High	Very High	0.26	0.04	Medium	Low	0.25	0.05	Medium	Low
686	SEHITKAMIL	0.72	0.83	High	Very High	0.36	0.39	Medium	Medium	0.41	0.53	Medium	High
687	SEHZADELER	0.55	0.68	High	High	0.39	0.24	Medium	Low	0.35	0.26	Medium	Medium
688	SELCUK	0.68	0.82	High	Very High	0.26	0.13	Medium	Low	0.29	0.18	Medium	Low
689	SELCUKLU	0.66	0.80	High	Very High	0.35	0.23	Medium	Low	0.38	0.30	Medium	Medium
690	SELENDI	0.61	0.65	High	High	0.44	0.29	Medium	Medium	0.43	0.31	Medium	Medium
691	SELIM	0.17	0.23	Low	Low	0.70	0.76	High	Very High	0.19	0.29	Low	Medium
692	SEMDINLI	0.21	0.46	Low	Medium	0.49	0.46	Medium	Medium	0.16	0.34	Low	Medium
693	SENIRKENT	0.66	0.80	High	Very High	0.82	0.77	Very High	Very High	0.86	0.99	Very High	Very High
694	SENKAYA	0.17	0.21	Low	Low	0.45	0.48	Medium	Medium	0.12	0.16	Low	Low
695	SENPAZAR	0.29	0.14	Medium	Low	0.47	0.43	Medium	Medium	0.22	0.10	Low	Low
696	SEREFLIKOCHISAR	0.52	0.50	High	Medium	0.21	0.16	Low	Low	0.17	0.13	Low	Low
697	SERIK	0.74	0.84	High	Very High	0.31	0.15	Medium	Low	0.37	0.20	Medium	Low
698	SERINHISAR	0.71	0.86	High	Very High	0.53	0.51	High	High	0.60	0.71	High	High
699	SEYDIKEMER	0.62	0.73	High	High	0.51	0.40	High	Medium	0.51	0.47	High	Medium
700	SEYDISEHIR	0.67	0.77	High	Very High	0.39	0.17	Medium	Low	0.43	0.21	Medium	Low
701	SEYHAN	0.80	0.91	Very High	Very High	0.29	0.34	Medium	Medium	0.38	0.50	Medium	Medium
702	SEYITGAZI	0.43	0.46	Medium	Medium	0.53	0.49	High	Medium	0.36	0.37	Medium	Medium
703	SIIRT	0.35	0.62	Medium	High	0.63	0.67	High	High	0.36	0.67	Medium	High
704	SILIFKE	0.67	0.82	High	Very High	0.44	0.28	Medium	Medium	0.48	0.37	Medium	Medium
705	SILIVRI	0.32	0.41	Medium	Medium	0.52	0.46	High	Medium	0.27	0.30	Medium	Medium
706	SILOPI	0.39	0.71	Medium	High	0.50	0.54	Medium	High	0.32	0.61	Medium	High
707	SILVAN	0.40	0.61	Medium	High	0.43	0.47	Medium	Medium	0.27	0.46	Medium	Medium
708	SIMAV	0.48	0.52	Medium	High	0.60	0.38	High	Medium	0.47	0.32	Medium	Medium
709	SINANPASA	0.55	0.68	High	High	0.63	0.60	High	High	0.55	0.66	High	High
710	SINCAN	0.40	0.34	Medium	Medium	0.28	0.24	Medium	Low	0.18	0.13	Low	Low

711	SINCIK	0.53	0.60	High	High	0.58	0.63	High	High	0.50	0.61	High	High
712	SINDIRGI	0.46	0.52	Medium	High	0.51	0.29	High	Medium	0.38	0.24	Medium	Low
713	SINOP	0.29	0.19	Medium	Low	0.54	0.49	High	Medium	0.25	0.15	Medium	Low
714	SIRAN	0.17	0.16	Low	Low	0.65	0.70	High	High	0.18	0.18	Low	Low
715	SIRNAK	0.35	0.67	Medium	High	0.53	0.57	High	High	0.30	0.62	Medium	High
716	SIRVAN	0.27	0.54	Medium	High	0.68	0.72	High	High	0.30	0.62	Medium	High
717	SIVAS	0.30	0.19	Medium	Low	0.55	0.51	High	High	0.26	0.15	Medium	Low
718	SIVASLI	0.65	0.75	High	Very High	0.64	0.64	High	High	0.67	0.77	High	Very High
719	SIVEREK	0.49	0.68	Medium	High	0.39	0.42	Medium	Medium	0.31	0.46	Medium	Medium
720	SIVRICE	0.45	0.55	Medium	High	0.57	0.62	High	High	0.41	0.55	Medium	High
721	SIVRIHISAR	0.46	0.47	Medium	Medium	0.52	0.48	High	Medium	0.38	0.37	Medium	Medium
722	SOGUT	0.37	0.30	Medium	Medium	0.68	0.64	High	High	0.40	0.31	Medium	Medium
723	SOGUTLU	0.38	0.37	Medium	Medium	0.51	0.47	High	Medium	0.31	0.28	Medium	Medium
724	SOKE	0.68	0.80	High	Very High	0.52	0.51	High	High	0.58	0.66	High	High
725	SOLHAN	0.17	0.35	Low	Medium	0.73	0.80	High	Very High	0.20	0.46	Low	Medium
726	SOMA	0.43	0.53	Medium	High	0.45	0.27	Medium	Medium	0.32	0.23	Medium	Low
727	SORGUN	0.33	0.26	Medium	Medium	0.54	0.52	High	High	0.29	0.22	Medium	Low
728	SUHUT	0.59	0.72	High	High	0.63	0.60	High	High	0.60	0.69	High	High
729	SULAKYURT	0.30	0.20	Medium	Low	0.49	0.45	Medium	Medium	0.24	0.15	Low	Low
730	SULEYMANPASA	0.37	0.46	Medium	Medium	0.60	0.59	High	High	0.35	0.44	Medium	Medium
731	SULOGLU	0.43	0.52	Medium	High	0.62	0.64	High	High	0.43	0.53	Medium	High
732	SULTANDAGI	0.57	0.70	High	High	0.60	0.51	High	High	0.56	0.58	High	High
733	SULTANHANI	0.70	0.76	High	Very High	0.63	0.60	High	High	0.71	0.73	High	High
734	SULTANHISAR	0.73	0.83	High	Very High	0.55	0.55	High	High	0.65	0.74	High	High
735	SULUOVA	0.28	0.16	Medium	Low	0.54	0.58	High	High	0.24	0.15	Low	Low
736	SULUSARAY	0.31	0.21	Medium	Low	0.52	0.56	High	High	0.26	0.19	Medium	Low
737	SUMBAS	0.81	0.92	Very High	Very High	0.47	0.51	Medium	High	0.62	0.76	High	Very High
738	SUNGURLU	0.32	0.23	Medium	Low	0.51	0.47	High	Medium	0.27	0.18	Medium	Low
739	SUR	0.43	0.64	Medium	High	0.42	0.46	Medium	Medium	0.29	0.47	Medium	Medium
740	SURUC	0.60	0.69	High	High	0.41	0.45	Medium	Medium	0.40	0.50	Medium	High
741	SUSEHRI	0.22	0.14	Low	Low	0.55	0.59	High	High	0.19	0.14	Low	Low
742	SUSURLUK	0.36	0.38	Medium	Medium	0.49	0.26	Medium	Medium	0.28	0.16	Medium	Low
743	SUTCULER	0.67	0.80	High	Very High	0.56	0.39	High	Medium	0.60	0.50	High	Medium
744	TALAS	0.46	0.39	Medium	Medium	0.40	0.40	Medium	Medium	0.30	0.25	Medium	Low
745	TARAKLI	0.29	0.22	Medium	Low	0.57	0.53	High	High	0.27	0.19	Medium	Low
746	TARSUS	0.74	0.87	High	Very High	0.29	0.27	Medium	Medium	0.34	0.38	Medium	Medium
747	TASKENT	0.69	0.71	High	High	0.49	0.32	Medium	Medium	0.54	0.37	High	Medium
748	TASKOPRU	0.25	0.08	Medium	Low	0.53	0.49	High	Medium	0.22	0.06	Low	Low
749	TASLICAY	0.09	0.21	Low	Low	0.67	0.73	High	High	0.10	0.24	Low	Low
750	TASOVA	0.25	0.12	Low	Low	0.54	0.58	High	High	0.21	0.11	Low	Low
751	TATVAN	0.06	0.33	Low	Medium	0.76	0.94	Very High	Very High	0.08	0.50	Low	Medium
752	TAVAS	0.71	0.84	High	Very High	0.53	0.53	High	High	0.61	0.71	High	High
753	TAVSANLI	0.38	0.39	Medium	Medium	0.60	0.38	High	Medium	0.37	0.24	Medium	Low
754	TEFENNI	0.64	0.80	High	Very High	0.65	0.62	High	High	0.67	0.80	High	Very High
755	TEKMAN	0.08	0.16	Low	Low	0.49	0.51	Medium	High	0.06	0.14	Low	Low

756	TEPEBASI	0.38	0.32	Medium	Medium	0.55	0.51	High	High	0.34	0.26	Medium	Medium
757	TERCAN	0.14	0.17	Low	Low	0.58	0.71	High	High	0.14	0.19	Low	Low
758	TILLO	0.33	0.61	Medium	High	0.65	0.69	High	High	0.35	0.68	Medium	High
759	TIRE	0.67	0.79	High	Very High	0.24	0.11	Low	Low	0.25	0.14	Medium	Low
760	TOKAT	0.26	0.15	Medium	Low	0.51	0.55	High	High	0.22	0.14	Low	Low
761	TOMARZA	0.51	0.44	High	Medium	0.43	0.48	Medium	Medium	0.36	0.34	Medium	Medium
762	TONYA	0.12	0.11	Low	Low	0.40	0.50	Medium	Medium	0.08	0.09	Low	Low
763	TOPRAKKALE	0.83	0.94	Very High	Very High	0.52	0.52	High	High	0.70	0.79	High	Very High
764	TORBALI	0.66	0.80	High	Very High	0.19	0.03	Low	Low	0.20	0.03	Low	Low
765	TOROSLAR	0.62	0.71	High	High	0.31	0.21	Medium	Low	0.31	0.25	Medium	Low
766	TORTUM	0.13	0.14	Low	Low	0.43	0.45	Medium	Medium	0.09	0.10	Low	Low
767	TORUL	0.12	0.11	Low	Low	0.60	0.70	High	High	0.12	0.12	Low	Low
768	TOSYA	0.24	0.05	Low	Low	0.54	0.50	High	Medium	0.21	0.04	Low	Low
769	TUFANBEYLI	0.54	0.47	High	Medium	0.41	0.46	Medium	Medium	0.36	0.35	Medium	Medium
770	TUNCELI	0.25	0.28	Medium	Medium	0.82	0.90	Very High	Very High	0.33	0.40	Medium	Medium
771	TURGUTLU	0.61	0.72	High	High	0.39	0.24	Medium	Low	0.38	0.28	Medium	Medium
772	TURHAL	0.29	0.19	Medium	Low	0.51	0.55	High	High	0.24	0.17	Low	Low
773	TURKOGLU	0.75	0.87	High	Very High	0.45	0.49	Medium	Medium	0.54	0.69	High	High
774	TUSBA	0.12	0.37	Low	Medium	0.44	0.49	Medium	Medium	0.09	0.29	Low	Medium
775	TUT	0.60	0.70	High	High	0.56	0.61	High	High	0.54	0.69	High	High
776	TUTAK	0.11	0.23	Low	Low	0.66	0.74	High	High	0.12	0.28	Low	Medium
777	TUZLUCA	0.16	0.24	Low	Low	0.65	0.65	High	High	0.17	0.25	Low	Medium
778	TUZLUKCU	0.60	0.74	High	High	0.46	0.32	Medium	Medium	0.44	0.38	Medium	Medium
779	UGURLUDAG	0.30	0.19	Medium	Low	0.51	0.47	High	Medium	0.25	0.14	Medium	Low
780	ULA	0.72	0.82	High	Very High	0.58	0.53	High	High	0.67	0.71	High	High
781	ULAS	0.34	0.24	Medium	Low	0.56	0.54	High	High	0.30	0.21	Medium	Low
782	ULUBEY	0.21	0.14	Low	Low	0.44	0.55	Medium	High	0.15	0.12	Low	Low
783	ULUBEY	0.68	0.76	High	Very High	0.63	0.63	High	High	0.70	0.77	High	Very High
784	ULUBORLU	0.66	0.82	High	Very High	0.81	0.76	Very High	Very High	0.86	1.00	Very High	Very High
785	ULUDERE	0.35	0.67	Medium	High	0.55	0.59	High	High	0.31	0.64	Medium	High
786	ULUKISLA	0.69	0.73	High	High	0.56	0.58	High	High	0.63	0.69	High	High
787	ULUS	0.30	0.15	Medium	Low	0.58	0.61	High	High	0.28	0.14	Medium	Low
788	URGUP	0.49	0.46	Medium	Medium	0.51	0.47	High	Medium	0.40	0.35	Medium	Medium
789	URLA	0.54	0.71	High	High	0.26	0.04	Medium	Low	0.23	0.04	Low	Low
790	USAK	0.63	0.69	High	High	0.59	0.49	High	Medium	0.60	0.54	High	High
791	UZUMLU	0.16	0.16	Low	Low	0.59	0.72	High	High	0.16	0.19	Low	Low
792	UZUNDERE	0.17	0.16	Low	Low	0.45	0.47	Medium	Medium	0.12	0.12	Low	Low
793	UZUNKOPRU	0.43	0.51	Medium	High	0.62	0.64	High	High	0.43	0.53	Medium	High
794	VARTO	0.09	0.23	Low	Low	0.70	0.77	High	Very High	0.10	0.28	Low	Medium
795	VEZIRKOPRU	0.27	0.14	Medium	Low	0.40	0.36	Medium	Medium	0.17	0.08	Low	Low
796	VIRANSEHIR	0.51	0.70	High	High	0.22	0.17	Low	Low	0.18	0.20	Low	Low
797	VIZE	0.36	0.45	Medium	Medium	0.80	0.77	Very High	Very High	0.47	0.56	Medium	High
798	YAHSIHAN	0.36	0.29	Medium	Medium	0.15	0.11	Low	Low	0.09	0.05	Low	Low
799	YAHYALI	0.60	0.57	High	High	0.42	0.46	Medium	Medium	0.41	0.42	Medium	Medium
800	YAKAKENT	0.27	0.15	Medium	Low	0.53	0.49	High	Medium	0.23	0.12	Low	Low

801	YAKUTIYE	0.12	0.14	Low	Low	0.48	0.60	Medium	High	0.09	0.14	Low	Low
802	YALIHUYUK	0.69	0.80	High	Very High	0.40	0.17	Medium	Low	0.44	0.22	Medium	Low
803	YALVAC	0.62	0.76	High	Very High	0.66	0.56	High	High	0.66	0.69	High	High
804	YAPRAKLI	0.27	0.11	Medium	Low	0.61	0.57	High	High	0.26	0.10	Medium	Low
805	YATAGAN	0.70	0.80	High	Very High	0.55	0.54	High	High	0.62	0.70	High	High
806	YAVUZELI	0.63	0.80	High	Very High	0.34	0.38	Medium	Medium	0.34	0.49	Medium	Medium
807	YAYLADAGI	0.63	0.93	High	Very High	0.68	0.46	High	Medium	0.69	0.70	High	High
808	YAYLADERE	0.23	0.29	Low	Medium	0.78	0.85	Very High	Very High	0.29	0.40	Medium	Medium
809	YAZIHAN	0.49	0.46	Medium	Medium	0.50	0.55	High	High	0.39	0.40	Medium	Medium
810	YEDISU	0.14	0.19	Low	Low	0.76	0.84	Very High	Very High	0.18	0.25	Low	Medium
811	YENICE	0.36	0.40	Medium	Medium	0.60	0.42	High	Medium	0.34	0.27	Medium	Medium
812	YENICE	0.24	0.10	Low	Low	0.59	0.60	High	High	0.23	0.10	Low	Low
813	YENIFAKILI	0.43	0.41	Medium	Medium	0.54	0.49	High	Medium	0.38	0.32	Medium	Medium
814	YENIMAHALLE	0.36	0.27	Medium	Medium	0.28	0.24	Medium	Low	0.16	0.11	Low	Low
815	YENIPAZAR	0.74	0.84	High	Very High	0.56	0.55	High	High	0.66	0.74	High	High
816	YENIPAZAR	0.34	0.26	Medium	Medium	0.67	0.64	High	High	0.37	0.27	Medium	Medium
817	YENISARBADEMLI	0.66	0.78	High	Very High	0.64	0.40	High	Medium	0.68	0.50	High	Medium
818	YENISEHIR	0.32	0.29	Medium	Medium	0.39	0.35	Medium	Medium	0.20	0.16	Low	Low
819	YENISEHIR	0.44	0.62	Medium	High	0.41	0.45	Medium	Medium	0.30	0.46	Medium	Medium
820	YENISEHIR	0.73	0.90	High	Very High	0.29	0.18	Medium	Low	0.35	0.27	Medium	Medium
821	YERKOY	0.34	0.30	Medium	Medium	0.54	0.50	High	High	0.30	0.24	Medium	Low
822	YESILHISAR	0.55	0.52	High	High	0.47	0.47	Medium	Medium	0.42	0.40	Medium	Medium
823	YESILLI	0.46	0.71	Medium	High	0.36	0.33	Medium	Medium	0.27	0.38	Medium	Medium
824	YESILOVA	0.71	0.89	High	Very High	0.65	0.63	High	High	0.74	0.90	High	Very High
825	YESILYURT	0.52	0.55	High	High	0.52	0.56	High	High	0.43	0.50	Medium	High
826	YESILYURT	0.30	0.20	Medium	Low	0.51	0.55	High	High	0.25	0.17	Medium	Low
827	YILDIRIM	0.22	0.19	Low	Low	0.39	0.16	Medium	Low	0.14	0.05	Low	Low
828	YILDIZELI	0.29	0.18	Medium	Low	0.55	0.53	High	High	0.26	0.16	Medium	Low
829	YOMRA	0.20	0.23	Low	Low	0.41	0.49	Medium	Medium	0.13	0.19	Low	Low
830	YOZGAT	0.33	0.25	Medium	Medium	0.54	0.51	High	High	0.29	0.21	Medium	Low
831	YUKSEKOVA	0.18	0.43	Low	Medium	0.48	0.46	Medium	Medium	0.14	0.32	Low	Medium
832	YUMURTALIK	0.85	1.00	Very High	Very High	0.42	0.37	Medium	Medium	0.58	0.60	High	High
833	YUNAK	0.54	0.67	High	High	0.44	0.41	Medium	Medium	0.39	0.44	Medium	Medium
834	YUNUSEMRE	0.52	0.66	High	High	0.39	0.24	Medium	Low	0.33	0.25	Medium	Medium
835	YUREGIR	0.84	0.96	Very High	Very High	0.31	0.35	Medium	Medium	0.42	0.55	Medium	High
836	YUSUFELI	0.15	0.13	Low	Low	0.56	0.58	High	High	0.14	0.12	Low	Low
837	ZARA	0.26	0.15	Medium	Low	0.56	0.56	High	High	0.23	0.13	Low	Low
838	ZILE	0.31	0.21	Medium	Low	0.51	0.55	High	High	0.26	0.18	Medium	Low

Fig

Nr.	District Name	HAZ SSP 245 INDEX	HAZ SSP 585 INDEX	HAZ SSP 585 CLASS	HAZ SSP 585 CLASS	VUL SSP 245 INDEX	VUL SSP 585 INDEX	VUL SSP 585 CLASS	VUL SSP 585 CLASS	RISK SSP 245 INDEX	RISK SSP 585 INDEX	RISK SSP 585 CLASS	RISK SSP 585 CLASS
1	ABANA	0.26	0.02	Medium	Low	0.48	0.43	Medium	Medium	0.20	0.01	Low	Low
2	ACIPAYAM	0.56	0.57	High	High	0.54	0.52	High	High	0.47	0.46	Medium	Medium
3	ADAPAZARI	0.38	0.25	Medium	Medium	0.46	0.42	Medium	Medium	0.28	0.17	Medium	Low
4	ADIYAMAN	0.67	0.75	High	High	0.53	0.58	High	High	0.56	0.68	High	High
5	AGIN	0.41	0.37	Medium	Medium	0.50	0.63	High	High	0.32	0.37	Medium	Medium
6	AGLASUN	0.56	0.55	High	High	0.61	0.50	High	Medium	0.54	0.43	High	Medium
7	AHIRLI	0.56	0.50	High	Medium	0.39	0.16	Medium	Low	0.34	0.12	Medium	Low
8	AHMETLI	0.64	0.73	High	High	0.42	0.27	Medium	Medium	0.42	0.31	Medium	Medium
9	AKCAABAT	0.18	0.06	Low	Low	0.41	0.51	Medium	High	0.12	0.05	Low	Low
10	AKCAKALE	0.78	0.85	Very High	Very High	0.39	0.43	Medium	Medium	0.48	0.58	Medium	High
11	AKCAKOCA	0.34	0.18	Medium	Low	0.54	0.55	High	High	0.29	0.15	Medium	Low
12	AKDENIZ	0.56	0.67	High	High	0.26	0.15	Medium	Low	0.22	0.15	Low	Low
13	AKHISAR	0.52	0.56	High	High	0.44	0.29	Medium	Medium	0.35	0.25	Medium	Low
14	AKKUS	0.24	0.03	Low	Low	0.47	0.52	Medium	High	0.17	0.02	Low	Low
15	AKSEKI	0.56	0.51	High	High	0.36	0.12	Medium	Low	0.32	0.10	Medium	Low
16	AKSU	0.72	0.83	High	Very High	0.32	0.20	Medium	Low	0.36	0.26	Medium	Medium
17	AKSU	0.54	0.49	High	Medium	0.56	0.31	High	Medium	0.48	0.24	Medium	Low
18	AKYAZI	0.37	0.21	Medium	Low	0.54	0.50	High	High	0.31	0.16	Medium	Low
19	ALACAKAYA	0.52	0.61	High	High	0.55	0.59	High	High	0.45	0.57	Medium	High
20	ALACAM	0.26	0.04	Medium	Low	0.33	0.28	Medium	Medium	0.13	0.02	Low	Low
21	ALADAG	0.59	0.59	High	High	0.39	0.44	Medium	Medium	0.36	0.40	Medium	Medium
22	ALANYA	0.57	0.56	High	High	0.40	0.24	Medium	Low	0.36	0.21	Medium	Low
23	ALAPLI	0.34	0.15	Medium	Low	0.48	0.49	Medium	Medium	0.25	0.11	Medium	Low
24	ALASEHIR	0.62	0.67	High	High	0.42	0.27	Medium	Medium	0.40	0.28	Medium	Medium
25	ALIAGA	0.47	0.55	Medium	High	0.26	0.10	Medium	Low	0.19	0.08	Low	Low
26	ALMUS	0.26	0.07	Medium	Low	0.52	0.56	High	High	0.21	0.06	Low	Low
27	ALPU	0.36	0.24	Medium	Low	0.53	0.49	High	Medium	0.29	0.18	Medium	Low
28	ALTIEYLUL	0.43	0.43	Medium	Medium	0.50	0.26	Medium	Medium	0.34	0.18	Medium	Low
29	ALTINORDU	0.21	0.04	Low	Low	0.44	0.55	Medium	High	0.14	0.04	Low	Low
30	ALTINOVA	0.35	0.26	Medium	Medium	0.68	0.50	High	Medium	0.37	0.20	Medium	Low
31	ALTINOZU	0.53	0.63	High	High	0.56	0.44	High	Medium	0.46	0.43	Medium	Medium
32	ALTINYAYLA	0.51	0.45	High	Medium	0.56	0.51	High	High	0.45	0.36	Medium	Medium
33	ALTINYAYLA	0.35	0.22	Medium	Low	0.55	0.53	High	High	0.30	0.19	Medium	Low
34	ALUCRA	0.16	0.01	Low	Low	0.55	0.62	High	High	0.14	0.01	Low	Low
35	AMASRA	0.30	0.09	Medium	Low	0.60	0.64	High	High	0.29	0.09	Medium	Low
36	AMASYA	0.28	0.10	Medium	Low	0.54	0.58	High	High	0.24	0.09	Low	Low
37	ANAMUR	0.54	0.54	High	High	0.48	0.31	Medium	Medium	0.40	0.26	Medium	Medium
38	ANDIRIN	0.61	0.62	High	High	0.48	0.52	Medium	High	0.46	0.51	Medium	High
39	ANTAKYA	0.54	0.60	High	High	0.57	0.46	High	Medium	0.48	0.43	Medium	Medium

40	ARABAN	0.79	0.88	Very High	Very High	0.35	0.40	Medium	Medium	0.44	0.55	Medium	High
41	ARAC	0.28	0.03	Medium	Low	0.54	0.54	High	High	0.23	0.03	Low	Low
42	ARAKLI	0.19	0.07	Low	Low	0.42	0.51	Medium	High	0.13	0.06	Low	Low
43	ARAPGIR	0.37	0.29	Medium	Medium	0.51	0.61	High	High	0.29	0.28	Medium	Medium
44	ARDAHAN	0.20	0.12	Low	Low	0.81	0.97	Very High	Very High	0.26	0.19	Medium	Low
45	ARDANUC	0.20	0.09	Low	Low	0.59	0.63	High	High	0.18	0.09	Low	Low
46	ARDESEN	0.19	0.05	Low	Low	0.48	0.43	Medium	Medium	0.14	0.03	Low	Low
47	ARGUVAN	0.41	0.34	Medium	Medium	0.51	0.58	High	High	0.33	0.30	Medium	Medium
48	ARHAVI	0.18	0.04	Low	Low	0.52	0.41	High	Medium	0.15	0.02	Low	Low
49	ARICAK	0.42	0.51	Medium	High	0.57	0.61	High	High	0.38	0.48	Medium	Medium
50	ARIFIYE	0.39	0.25	Medium	Medium	0.51	0.47	High	Medium	0.31	0.19	Medium	Low
51	ARMUTLU	0.37	0.32	Medium	Medium	0.98	0.80	Very High	Very High	0.57	0.40	High	Medium
52	ARNAVUTKOY	0.33	0.28	Medium	Medium	0.44	0.37	Medium	Medium	0.23	0.16	Low	Low
53	ARSIN	0.21	0.12	Low	Low	0.41	0.49	Medium	Medium	0.14	0.09	Low	Low
54	ARSUZ	0.47	0.47	Medium	Medium	0.56	0.47	High	Medium	0.42	0.35	Medium	Medium
55	ARTUKLU	0.67	0.83	High	Very High	0.36	0.34	Medium	Medium	0.38	0.44	Medium	Medium
56	ARTVIN	0.18	0.06	Low	Low	0.59	0.61	High	High	0.17	0.06	Low	Low
57	ASARCIK	0.25	0.04	Low	Low	0.41	0.44	Medium	Medium	0.16	0.03	Low	Low
58	ATAKUM	0.24	0.03	Low	Low	0.42	0.41	Medium	Medium	0.16	0.02	Low	Low
59	AYANCIK	0.26	0.03	Medium	Low	0.56	0.52	High	High	0.23	0.02	Low	Low
60	AYDINCIK	0.54	0.53	High	High	0.45	0.29	Medium	Medium	0.38	0.24	Medium	Low
61	AYDINCIK	0.31	0.16	Medium	Low	0.54	0.58	High	High	0.26	0.14	Medium	Low
62	AYDINTEPE	0.17	0.05	Low	Low	0.62	0.66	High	High	0.17	0.05	Low	Low
63	AYRANCI	0.54	0.50	High	Medium	0.54	0.49	High	Medium	0.46	0.38	Medium	Medium
64	AYVACIK	0.37	0.30	Medium	Medium	0.54	0.19	High	Low	0.31	0.09	Medium	Low
65	AYVACIK	0.26	0.05	Medium	Low	0.42	0.46	Medium	Medium	0.17	0.04	Low	Low
66	AYVALIK	0.41	0.42	Medium	Medium	0.46	0.12	Medium	Low	0.29	0.08	Medium	Low
67	AZDAVAY	0.28	0.03	Medium	Low	0.45	0.41	Medium	Medium	0.19	0.02	Low	Low
68	AZIZIYE	0.16	0.08	Low	Low	0.49	0.59	Medium	High	0.13	0.07	Low	Low
69	BABADAG	0.67	0.75	High	High	0.54	0.54	High	High	0.57	0.63	High	High
70	BABAESKI	0.41	0.45	Medium	Medium	0.63	0.65	High	High	0.40	0.45	Medium	Medium
71	BAFRA	0.25	0.04	Low	Low	0.39	0.35	Medium	Medium	0.15	0.02	Low	Low
72	BAGLAR	0.66	0.78	High	Very High	0.44	0.48	Medium	Medium	0.46	0.59	Medium	High
73	BAHCE	0.61	0.69	High	High	0.55	0.58	High	High	0.53	0.63	High	High
74	BAHCESARAY	0.12	0.15	Low	Low	0.67	0.71	High	High	0.13	0.17	Low	Low
75	BAKLAN	0.57	0.62	High	High	0.52	0.52	High	High	0.47	0.51	Medium	High
76	BALCOVA	0.50	0.56	High	High	0.27	0.04	Medium	Low	0.21	0.04	Low	Low
77	BALYA	0.40	0.37	Medium	Medium	0.51	0.27	High	Medium	0.32	0.16	Medium	Low
78	BANDIRMA	0.38	0.36	Medium	Medium	0.50	0.28	High	Medium	0.30	0.16	Medium	Low
79	BARTIN	0.30	0.08	Medium	Low	0.59	0.63	High	High	0.28	0.08	Medium	Low
80	BASAKSEHIR	0.32	0.27	Medium	Medium	0.43	0.36	Medium	Medium	0.22	0.16	Low	Low
81	BASCIFTLIK	0.24	0.03	Low	Low	0.51	0.55	High	High	0.19	0.02	Low	Low
82	BASISKELE	0.37	0.24	Medium	Low	0.68	0.52	High	High	0.39	0.19	Medium	Low
83	BASKALE	0.14	0.12	Low	Low	0.35	0.33	Medium	Medium	0.08	0.06	Low	Low
84	BASKIL	0.44	0.43	Medium	Medium	0.55	0.60	High	High	0.38	0.40	Medium	Medium

85	BASMAKCI	0.58	0.65	High	High	0.61	0.60	High	High	0.55	0.61	High	High
86	BASYAYLA	0.58	0.52	High	High	0.69	0.52	High	High	0.62	0.42	High	Medium
87	BATMAN	0.63	0.78	High	Very High	0.54	0.58	High	High	0.53	0.71	High	High
88	BATTALGAZI	0.50	0.53	High	High	0.53	0.57	High	High	0.41	0.47	Medium	Medium
89	BAYBURT	0.16	0.05	Low	Low	0.67	0.70	High	High	0.17	0.06	Low	Low
90	BAYINDIR	0.65	0.74	High	High	0.21	0.05	Low	Low	0.22	0.06	Low	Low
91	BAYKAN	0.48	0.64	Medium	High	0.65	0.69	High	High	0.49	0.69	Medium	High
92	BAYRAKLI	0.49	0.56	Medium	High	0.26	0.04	Medium	Low	0.20	0.03	Low	Low
93	BAYRAMIC	0.39	0.36	Medium	Medium	0.52	0.15	High	Low	0.32	0.08	Medium	Low
94	BEKILLI	0.57	0.60	High	High	0.61	0.60	High	High	0.55	0.57	High	High
95	BELEN	0.52	0.55	High	High	0.58	0.48	High	Medium	0.47	0.41	Medium	Medium
96	BERGAMA	0.45	0.48	Medium	Medium	0.30	0.08	Medium	Low	0.21	0.06	Low	Low
97	BESIKDUZU	0.15	0.02	Low	Low	0.41	0.50	Medium	High	0.10	0.02	Low	Low
98	BESIRI	0.61	0.77	High	Very High	0.56	0.60	High	High	0.54	0.72	High	High
99	BESNI	0.73	0.82	High	Very High	0.51	0.55	High	High	0.58	0.71	High	High
100	BEYAGAC	0.55	0.51	High	High	0.55	0.54	High	High	0.48	0.43	Medium	Medium
101	BEYDAG	0.64	0.71	High	High	0.22	0.07	Low	Low	0.22	0.07	Low	Low
102	BEYKOZ	0.32	0.26	Medium	Medium	0.45	0.27	Medium	Medium	0.23	0.11	Low	Low
103	BEYPAZARI	0.33	0.20	Medium	Low	0.29	0.26	Medium	Medium	0.15	0.08	Low	Low
104	BEYSEHIR	0.55	0.51	High	High	0.43	0.19	Medium	Low	0.38	0.15	Medium	Low
105	BEYTUSSEBAP	0.18	0.26	Low	Medium	0.57	0.60	High	High	0.16	0.25	Low	Low
106	BIGA	0.39	0.39	Medium	Medium	0.58	0.40	High	Medium	0.36	0.25	Medium	Low
107	BIGADIC	0.44	0.41	Medium	Medium	0.51	0.28	High	Medium	0.35	0.18	Medium	Low
108	BILECIK	0.36	0.23	Medium	Low	0.68	0.65	High	High	0.38	0.24	Medium	Low
109	BIRECIK	0.81	0.89	Very High	Very High	0.42	0.47	Medium	Medium	0.54	0.65	High	High
110	BISMIL	0.65	0.79	High	Very High	0.42	0.46	Medium	Medium	0.43	0.57	Medium	High
111	BITLIS	0.16	0.23	Low	Low	0.70	0.74	High	High	0.18	0.27	Low	Medium
112	BODRUM	0.57	0.66	High	High	0.57	0.49	High	Medium	0.51	0.51	High	High
113	BORCKA	0.19	0.06	Low	Low	0.63	0.66	High	High	0.18	0.06	Low	Low
114	BORNOVA	0.50	0.56	High	High	0.28	0.09	Medium	Low	0.22	0.08	Low	Low
115	BOYABAT	0.26	0.02	Medium	Low	0.60	0.56	High	High	0.24	0.02	Low	Low
116	BOZDOGAN	0.64	0.71	High	High	0.57	0.56	High	High	0.57	0.63	High	High
117	BOZKIR	0.57	0.50	High	High	0.40	0.21	Medium	Low	0.36	0.17	Medium	Low
118	BOZKURT	0.55	0.59	High	High	0.53	0.53	High	High	0.46	0.49	Medium	Medium
119	BOZKURT	0.27	0.02	Medium	Low	0.49	0.44	Medium	Medium	0.20	0.01	Low	Low
120	BOZOVA	0.77	0.86	Very High	Very High	0.41	0.46	Medium	Medium	0.50	0.61	High	High
121	BOZUYUK	0.36	0.23	Medium	Low	0.68	0.63	High	High	0.38	0.22	Medium	Low
122	BOZYAZI	0.54	0.55	High	High	0.46	0.29	Medium	Medium	0.39	0.25	Medium	Medium
123	BUCA	0.51	0.56	High	High	0.26	0.04	Medium	Low	0.21	0.04	Low	Low
124	BUCAK	0.57	0.57	High	High	0.62	0.50	High	High	0.56	0.45	High	Medium
125	BUHARKENT	0.64	0.70	High	High	0.56	0.55	High	High	0.56	0.60	High	High
126	BULANCAK	0.18	0.00	Low	Low	0.49	0.64	Medium	High	0.13	0.00	Low	Low
127	BULDAN	0.61	0.66	High	High	0.50	0.41	Medium	Medium	0.48	0.43	Medium	Medium
128	BURDUR	0.58	0.64	High	High	0.61	0.55	High	High	0.56	0.54	High	High
129	BURHANIYE	0.39	0.37	Medium	Medium	0.47	0.13	Medium	Low	0.29	0.08	Medium	Low

130	BUYUKCEKMECE	0.33	0.28	Medium	Medium	0.42	0.35	Medium	Medium	0.22	0.16	Low	Low
131	BUYUKORHAN	0.39	0.31	Medium	Medium	0.37	0.14	Medium	Low	0.23	0.07	Low	Low
132	CAGLAYANCERIT	0.54	0.54	High	High	0.51	0.55	High	High	0.43	0.47	Medium	Medium
133	CAL	0.59	0.63	High	High	0.53	0.52	High	High	0.49	0.52	Medium	High
134	CAMAS	0.22	0.03	Low	Low	0.44	0.55	Medium	High	0.15	0.03	Low	Low
135	CAMELI	0.53	0.48	High	Medium	0.54	0.52	High	High	0.46	0.40	Medium	Medium
136	CAMLIHEMSIN	0.17	0.03	Low	Low	0.47	0.45	Medium	Medium	0.12	0.02	Low	Low
137	CAMLIYAYLA	0.51	0.47	High	Medium	0.31	0.28	Medium	Medium	0.25	0.20	Low	Low
138	CAN	0.39	0.37	Medium	Medium	0.58	0.39	High	Medium	0.36	0.23	Medium	Low
139	CANAKCI	0.16	0.03	Low	Low	0.51	0.61	High	High	0.13	0.03	Low	Low
140	CANAKKALE	0.38	0.35	Medium	Medium	0.54	0.34	High	Medium	0.32	0.19	Medium	Low
141	CANIK	0.25	0.04	Low	Low	0.41	0.41	Medium	Medium	0.16	0.03	Low	Low
142	CARSAMBA	0.26	0.07	Medium	Low	0.39	0.43	Medium	Medium	0.16	0.04	Low	Low
143	CARSIBASI	0.15	0.01	Low	Low	0.41	0.51	Medium	High	0.10	0.01	Low	Low
144	CATAK	0.13	0.16	Low	Low	0.60	0.64	High	High	0.13	0.16	Low	Low
145	CATALCA	0.33	0.28	Medium	Medium	0.51	0.44	High	Medium	0.27	0.20	Medium	Low
146	CATALPINAR	0.23	0.04	Low	Low	0.45	0.55	Medium	High	0.16	0.04	Low	Low
147	CATALZEYTIN	0.26	0.02	Medium	Low	0.50	0.45	Medium	Medium	0.21	0.01	Low	Low
148	CAVDIR	0.51	0.48	High	Medium	0.68	0.64	High	High	0.54	0.48	High	Medium
149	CAYBASI	0.23	0.03	Low	Low	0.47	0.52	Medium	High	0.17	0.02	Low	Low
150	CAYCUMA	0.31	0.10	Medium	Low	0.56	0.57	High	High	0.27	0.09	Medium	Low
151	CAYELI	0.18	0.06	Low	Low	0.54	0.59	High	High	0.15	0.06	Low	Low
152	CAYIROVA	0.33	0.26	Medium	Medium	0.66	0.48	High	Medium	0.34	0.20	Medium	Low
153	CAYKARA	0.17	0.04	Low	Low	0.40	0.48	Medium	Medium	0.11	0.03	Low	Low
154	CEKMEKOY	0.32	0.25	Medium	Medium	0.45	0.27	Medium	Medium	0.23	0.11	Low	Low
155	CELIKHAN	0.40	0.36	Medium	Medium	0.58	0.63	High	High	0.37	0.36	Medium	Medium
156	CELTIKCI	0.56	0.56	High	High	0.65	0.53	High	High	0.57	0.47	High	Medium
157	CEMISGEZEK	0.34	0.29	Medium	Medium	0.78	0.87	Very High	Very High	0.42	0.39	Medium	Medium
158	CERKEZKOY	0.34	0.30	Medium	Medium	0.53	0.54	High	High	0.29	0.25	Medium	Medium
159	CERMIK	0.63	0.73	High	High	0.44	0.49	Medium	Medium	0.44	0.56	Medium	High
160	CESME	0.42	0.40	Medium	Medium	0.23	0.00	Low	Low	0.15	0.00	Low	Low
161	CEYHAN	0.71	0.85	High	Very High	0.35	0.38	Medium	Medium	0.39	0.51	Medium	High
162	CEYLANPINAR	0.72	0.82	High	Very High	0.25	0.22	Medium	Low	0.29	0.28	Medium	Medium
163	CIDE	0.29	0.04	Medium	Low	0.48	0.45	Medium	Medium	0.21	0.03	Low	Low
164	CIFTLIKKOY	0.35	0.27	Medium	Medium	0.91	0.73	Very High	High	0.49	0.30	Medium	Medium
165	CIGLI	0.46	0.51	Medium	High	0.23	0.08	Low	Low	0.17	0.06	Low	Low
166	CILIMLI	0.35	0.20	Medium	Low	0.66	0.67	High	High	0.37	0.21	Medium	Low
167	CINAR	0.64	0.79	High	Very High	0.45	0.49	Medium	Medium	0.46	0.61	Medium	High
168	CINARCIK	0.33	0.25	Medium	Medium	0.99	0.80	Very High	Very High	0.52	0.32	High	Medium
169	CINE	0.64	0.71	High	High	0.56	0.55	High	High	0.56	0.61	High	High
170	CIVRIL	0.55	0.59	High	High	0.55	0.55	High	High	0.48	0.50	Medium	High
171	CIZRE	0.63	0.81	High	Very High	0.50	0.54	High	High	0.50	0.69	Medium	High
172	CORLU	0.35	0.33	Medium	Medium	0.74	0.69	High	High	0.41	0.36	Medium	Medium
173	CORUM	0.30	0.11	Medium	Low	0.50	0.52	High	High	0.23	0.09	Low	Low
174	CUKURCA	0.19	0.28	Low	Medium	0.47	0.45	Medium	Medium	0.14	0.19	Low	Low

175	CUKUROVA	0.81	0.97	Very High	Very High	0.29	0.31	Medium	Medium	0.36	0.47	Medium	Medium
176	CUMAYERI	0.35	0.19	Medium	Low	0.60	0.61	High	High	0.33	0.18	Medium	Low
177	CUMRA	0.57	0.57	High	High	0.34	0.20	Medium	Low	0.30	0.18	Medium	Low
178	CUNGUS	0.50	0.57	High	High	0.47	0.51	Medium	High	0.37	0.46	Medium	Medium
179	DALAMAN	0.64	0.67	High	High	0.53	0.47	High	Medium	0.53	0.49	High	Medium
180	DARGECIT	0.63	0.81	High	Very High	0.51	0.55	High	High	0.50	0.70	High	High
181	DARICA	0.33	0.26	Medium	Medium	0.65	0.47	High	Medium	0.34	0.19	Medium	Low
182	DATCA	0.63	0.71	High	High	0.58	0.50	High	High	0.57	0.56	High	High
183	DEFNE	0.49	0.54	Medium	High	0.58	0.46	High	Medium	0.44	0.38	Medium	Medium
184	DEMIRCI	0.48	0.44	Medium	Medium	0.44	0.29	Medium	Medium	0.33	0.20	Medium	Low
185	DEMIRKOY	0.34	0.29	Medium	Medium	0.94	0.87	Very High	Very High	0.50	0.39	High	Medium
186	DEMRE	0.51	0.44	High	Medium	0.72	0.58	High	High	0.58	0.40	High	Medium
187	DEREBUCAK	0.55	0.48	High	Medium	0.45	0.20	Medium	Low	0.39	0.15	Medium	Low
188	DERECIK	0.35	0.52	Medium	High	0.46	0.44	Medium	Medium	0.25	0.36	Medium	Medium
189	DERELI	0.16	0.00	Low	Low	0.50	0.66	High	High	0.13	0.00	Low	Low
190	DEREPAZARI	0.23	0.15	Low	Low	0.56	0.61	High	High	0.20	0.14	Low	Low
191	DERIK	0.70	0.83	High	Very High	0.31	0.27	Medium	Medium	0.34	0.35	Medium	Medium
192	DERINCE	0.36	0.25	Medium	Low	0.69	0.50	High	High	0.38	0.19	Medium	Low
193	DERNEKPAZARI	0.22	0.13	Low	Low	0.41	0.50	Medium	Medium	0.14	0.10	Low	Low
194	DEVREK	0.32	0.11	Medium	Low	0.51	0.51	High	High	0.26	0.09	Medium	Low
195	DEVREKANI	0.27	0.02	Medium	Low	0.45	0.41	Medium	Medium	0.19	0.01	Low	Low
196	DICLE	0.59	0.68	High	High	0.45	0.50	Medium	Medium	0.42	0.53	Medium	High
197	DIDIM	0.57	0.64	High	High	0.50	0.45	Medium	Medium	0.45	0.46	Medium	Medium
198	DIKILI	0.41	0.43	Medium	Medium	0.28	0.01	Medium	Low	0.18	0.01	Low	Low
199	DIKMEN	0.26	0.04	Medium	Low	0.55	0.50	High	High	0.23	0.03	Low	Low
200	DILOVASI	0.34	0.25	Medium	Low	0.68	0.50	High	Medium	0.36	0.19	Medium	Low
201	DIVRIGI	0.33	0.21	Medium	Low	0.56	0.69	High	High	0.29	0.23	Medium	Low
202	DODURGA	0.29	0.08	Medium	Low	0.50	0.46	High	Medium	0.23	0.06	Low	Low
203	DOGANKENT	0.18	0.06	Low	Low	0.52	0.62	High	High	0.15	0.06	Low	Low
204	DOGANSEHIR	0.45	0.43	Medium	Medium	0.53	0.58	High	High	0.37	0.39	Medium	Medium
205	DOGANYOL	0.43	0.47	Medium	Medium	0.53	0.57	High	High	0.36	0.43	Medium	Medium
206	DOGANYURT	0.27	0.03	Medium	Low	0.49	0.44	Medium	Medium	0.21	0.02	Low	Low
207	DOMANIC	0.36	0.25	Medium	Low	0.63	0.40	High	Medium	0.36	0.15	Medium	Low
208	DORTYOL	0.52	0.48	High	Medium	0.57	0.48	High	Medium	0.47	0.36	Medium	Medium
209	DOSEMEALTI	0.62	0.68	High	High	0.38	0.25	Medium	Medium	0.36	0.27	Medium	Medium
210	DULKADIROGLU	0.64	0.68	High	High	0.48	0.52	Medium	High	0.48	0.55	Medium	High
211	DURAGAN	0.26	0.04	Medium	Low	0.60	0.56	High	High	0.24	0.03	Low	Low
212	DURSUNBEY	0.40	0.33	Medium	Medium	0.51	0.28	High	Medium	0.32	0.14	Medium	Low
213	DUZCE	0.34	0.18	Medium	Low	0.66	0.66	High	High	0.36	0.18	Medium	Low
214	DUZICI	0.68	0.75	High	High	0.55	0.59	High	High	0.58	0.69	High	High
215	DUZKOY	0.15	0.01	Low	Low	0.40	0.49	Medium	Medium	0.09	0.01	Low	Low
216	ECEABAT	0.39	0.40	Medium	Medium	0.87	0.80	Very High	Very High	0.53	0.50	High	Medium
217	EDREMIT	0.38	0.34	Medium	Medium	0.51	0.18	High	Low	0.30	0.10	Medium	Low
218	EDREMIT	0.13	0.18	Low	Low	0.46	0.53	Medium	High	0.10	0.15	Low	Low
219	EFELER	0.65	0.73	High	High	0.55	0.54	High	High	0.56	0.63	High	High

220	EFLANI	0.29	0.04	Medium	Low	0.54	0.55	High	High	0.25	0.04	Low	Low
221	EGIL	0.64	0.74	High	High	0.42	0.46	Medium	Medium	0.43	0.54	Medium	High
222	EGIRDIR	0.55	0.53	High	High	0.69	0.58	High	High	0.60	0.48	High	Medium
223	EKINOZU	0.47	0.38	Medium	Medium	0.51	0.55	High	High	0.38	0.33	Medium	Medium
224	ELAZIG	0.46	0.50	Medium	High	0.59	0.67	High	High	0.42	0.52	Medium	High
225	ELBEYLI	0.84	0.94	Very High	Very High	0.65	0.53	High	High	0.85	0.78	Very High	Very High
226	ELMALI	0.48	0.41	Medium	Medium	0.43	0.29	Medium	Medium	0.32	0.19	Medium	Low
227	EMET	0.41	0.33	Medium	Medium	0.62	0.39	High	Medium	0.40	0.20	Medium	Low
228	ENEZ	0.39	0.42	Medium	Medium	0.83	0.79	Very High	Very High	0.51	0.52	High	High
229	ERBAA	0.26	0.06	Medium	Low	0.52	0.55	High	High	0.21	0.05	Low	Low
230	ERDEK	0.37	0.35	Medium	Medium	0.61	0.43	High	Medium	0.35	0.23	Medium	Low
231	ERDEMLI	0.51	0.47	High	Medium	0.36	0.24	Medium	Low	0.29	0.17	Medium	Low
232	EREGLI	0.55	0.53	High	High	0.37	0.32	Medium	Medium	0.32	0.27	Medium	Medium
233	EREGLI	0.34	0.14	Medium	Low	0.47	0.48	Medium	Medium	0.25	0.10	Low	Low
234	ERFELEK	0.27	0.04	Medium	Low	0.56	0.51	High	High	0.23	0.03	Low	Low
235	ERGANI	0.62	0.73	High	High	0.44	0.48	Medium	Medium	0.43	0.55	Medium	High
236	ERGENE	0.36	0.33	Medium	Medium	0.52	0.55	High	High	0.29	0.29	Medium	Medium
237	ERMENEK	0.58	0.53	High	High	0.67	0.50	High	High	0.61	0.42	High	Medium
238	ERUH	0.50	0.70	Medium	High	0.61	0.65	High	High	0.48	0.71	Medium	High
239	ERZIN	0.58	0.60	High	High	0.53	0.44	High	Medium	0.48	0.41	Medium	Medium
240	ESENYURT	0.33	0.28	Medium	Medium	0.44	0.37	Medium	Medium	0.22	0.16	Low	Low
241	ESKIPAZAR	0.28	0.06	Medium	Low	0.60	0.61	High	High	0.27	0.06	Medium	Low
242	ESME	0.55	0.56	High	High	0.58	0.51	High	High	0.51	0.44	High	Medium
243	ESPIYE	0.18	0.05	Low	Low	0.50	0.66	High	High	0.14	0.05	Low	Low
244	EYNESIL	0.15	0.02	Low	Low	0.47	0.57	Medium	High	0.11	0.02	Low	Low
245	EYUPSULTAN	0.32	0.27	Medium	Medium	0.45	0.38	Medium	Medium	0.23	0.16	Low	Low
246	EYYUBIYE	0.76	0.84	Very High	Very High	0.39	0.44	Medium	Medium	0.47	0.57	Medium	High
247	EZINE	0.37	0.32	Medium	Medium	0.50	0.13	High	Low	0.29	0.06	Medium	Low
248	FATSA	0.22	0.04	Low	Low	0.45	0.52	Medium	High	0.16	0.03	Low	Low
249	FEKE	0.55	0.51	High	High	0.41	0.46	Medium	Medium	0.35	0.37	Medium	Medium
250	FERIZLI	0.36	0.22	Medium	Low	0.56	0.50	High	High	0.32	0.17	Medium	Low
251	FETHIYE	0.60	0.64	High	High	0.52	0.42	High	Medium	0.50	0.42	Medium	Medium
252	FINDIKLI	0.18	0.03	Low	Low	0.45	0.30	Medium	Medium	0.12	0.01	Low	Low
253	FINIKE	0.51	0.45	High	Medium	0.52	0.37	High	Medium	0.42	0.26	Medium	Medium
254	FOCA	0.46	0.55	Medium	High	0.24	0.09	Low	Low	0.17	0.08	Low	Low
255	GAZIEMIR	0.50	0.56	High	High	0.25	0.02	Low	Low	0.20	0.02	Low	Low
256	GAZIPASA	0.55	0.55	High	High	0.40	0.24	Medium	Low	0.35	0.20	Medium	Low
257	GEBZE	0.34	0.25	Medium	Low	0.68	0.50	High	Medium	0.36	0.20	Medium	Low
258	GEDIZ	0.46	0.39	Medium	Medium	0.58	0.41	High	Medium	0.42	0.25	Medium	Medium
259	GELIBOLU	0.39	0.41	Medium	Medium	0.87	0.80	Very High	Very High	0.54	0.52	High	High
260	GEMLIK	0.35	0.27	Medium	Medium	0.62	0.41	High	Medium	0.34	0.17	Medium	Low
261	GENC	0.34	0.43	Medium	Medium	0.70	0.75	High	Very High	0.37	0.51	Medium	High
262	GERCUS	0.64	0.81	High	Very High	0.55	0.59	High	High	0.55	0.75	High	Very High
263	GERGER	0.59	0.67	High	High	0.57	0.61	High	High	0.52	0.64	High	High
264	GERMENCIK	0.64	0.72	High	High	0.50	0.49	High	Medium	0.50	0.56	High	High

265	GERZE	0.27	0.04	Medium	Low	0.55	0.51	High	High	0.23	0.03	Low	Low
266	GEYVE	0.38	0.24	Medium	Low	0.54	0.51	High	High	0.32	0.19	Medium	Low
267	GIRESUN	0.18	0.04	Low	Low	0.50	0.66	High	High	0.14	0.04	Low	Low
268	GOKCEADA	0.37	0.37	Medium	Medium	0.52	0.48	High	Medium	0.30	0.28	Medium	Medium
269	GOKCEBEY	0.30	0.09	Medium	Low	0.51	0.52	High	High	0.24	0.08	Low	Low
270	GOKSUN	0.47	0.36	Medium	Medium	0.50	0.54	Medium	High	0.37	0.31	Medium	Medium
271	GOLBASI	0.59	0.65	High	High	0.57	0.61	High	High	0.52	0.62	High	High
272	GOLBASI	0.39	0.29	Medium	Medium	0.26	0.22	Medium	Low	0.16	0.10	Low	Low
273	GOLCUK	0.36	0.24	Medium	Low	0.71	0.52	High	High	0.40	0.20	Medium	Low
274	GOLE	0.21	0.13	Low	Low	0.81	0.96	Very High	Very High	0.27	0.19	Medium	Low
275	GOLHISAR	0.52	0.49	High	Medium	0.66	0.64	High	High	0.54	0.49	High	Medium
276	GOLKOY	0.22	0.02	Low	Low	0.43	0.54	Medium	High	0.15	0.02	Low	Low
277	GOLMARMARA	0.65	0.73	High	High	0.43	0.27	Medium	Medium	0.43	0.31	Medium	Medium
278	GOLPAZARI	0.37	0.23	Medium	Low	0.68	0.64	High	High	0.39	0.23	Medium	Low
279	GOLYAKA	0.35	0.17	Medium	Low	0.64	0.64	High	High	0.35	0.17	Medium	Low
280	GOMEC	0.41	0.42	Medium	Medium	0.46	0.12	Medium	Low	0.30	0.08	Medium	Low
281	GONEN	0.38	0.36	Medium	Medium	0.56	0.38	High	Medium	0.34	0.21	Medium	Low
282	GONEN	0.59	0.63	High	High	0.57	0.51	High	High	0.53	0.51	High	High
283	GORDES	0.47	0.46	Medium	Medium	0.44	0.29	Medium	Medium	0.33	0.21	Medium	Low
284	GORELE	0.17	0.04	Low	Low	0.51	0.60	High	High	0.13	0.04	Low	Low
285	GOYNUK	0.35	0.19	Medium	Low	0.64	0.60	High	High	0.35	0.18	Medium	Low
286	GUCE	0.16	0.02	Low	Low	0.51	0.66	High	High	0.13	0.02	Low	Low
287	GUCLUKONAK	0.61	0.79	High	Very High	0.51	0.55	High	High	0.49	0.69	Medium	High
288	GULNAR	0.54	0.54	High	High	0.47	0.31	Medium	Medium	0.40	0.26	Medium	Medium
289	GULYALI	0.18	0.02	Low	Low	0.44	0.60	Medium	High	0.13	0.02	Low	Low
290	GUMUSHACIKOY	0.26	0.05	Medium	Low	0.54	0.53	High	High	0.22	0.04	Low	Low
291	GUMUSHANE	0.17	0.05	Low	Low	0.59	0.69	High	High	0.16	0.05	Low	Low
292	GUMUSOVA	0.35	0.19	Medium	Low	0.62	0.61	High	High	0.34	0.18	Medium	Low
293	GUNDOGMUS	0.57	0.51	High	High	0.39	0.21	Medium	Low	0.35	0.17	Medium	Low
294	GUNEY	0.60	0.65	High	High	0.52	0.50	High	Medium	0.49	0.51	Medium	High
295	GUNEYSINIR	0.58	0.53	High	High	0.51	0.39	High	Medium	0.47	0.33	Medium	Medium
296	GUNEYSU	0.18	0.07	Low	Low	0.53	0.58	High	High	0.15	0.06	Low	Low
297	GURGENTEPE	0.22	0.03	Low	Low	0.45	0.55	Medium	High	0.15	0.03	Low	Low
298	GURPINAR	0.13	0.13	Low	Low	0.51	0.56	High	High	0.10	0.12	Low	Low
299	GURSU	0.35	0.26	Medium	Medium	0.40	0.17	Medium	Low	0.22	0.07	Low	Low
300	GUZELBAHCE	0.43	0.42	Medium	Medium	0.27	0.04	Medium	Low	0.18	0.03	Low	Low
301	HADIM	0.58	0.51	High	High	0.50	0.33	High	Medium	0.45	0.27	Medium	Medium
302	HAKKARI	0.16	0.21	Low	Low	0.47	0.45	Medium	Medium	0.12	0.15	Low	Low
303	HALFETI	0.80	0.88	Very High	Very High	0.42	0.46	Medium	Medium	0.53	0.64	High	High
304	HALILIYE	0.74	0.84	High	Very High	0.39	0.43	Medium	Medium	0.45	0.57	Medium	High
305	HALKAPINAR	0.50	0.42	Medium	Medium	0.38	0.33	Medium	Medium	0.30	0.22	Medium	Low
306	HAMAMOZU	0.27	0.06	Medium	Low	0.53	0.51	High	High	0.22	0.05	Low	Low
307	HANI	0.57	0.68	High	High	0.50	0.54	Medium	High	0.45	0.57	Medium	High
308	HANONU	0.26	0.02	Medium	Low	0.54	0.50	High	Medium	0.22	0.01	Low	Low
309	HARMANCIK	0.39	0.31	Medium	Medium	0.37	0.14	Medium	Low	0.23	0.07	Low	Low

310	HARRAN	0.75	0.84	Very High	Very High	0.39	0.44	Medium	Medium	0.46	0.57	Medium	High
311	HASANBEYLI	0.63	0.71	High	High	0.50	0.53	High	High	0.49	0.59	Medium	High
312	HASANKEYF	0.63	0.81	High	Very High	0.57	0.61	High	High	0.56	0.77	High	Very High
313	HASSA	0.62	0.67	High	High	0.57	0.45	High	Medium	0.55	0.48	High	Medium
314	HAVRAN	0.40	0.38	Medium	Medium	0.50	0.19	High	Low	0.31	0.11	Medium	Low
315	HAVSA	0.42	0.46	Medium	Medium	0.63	0.65	High	High	0.42	0.47	Medium	Medium
316	HAVZA	0.25	0.04	Medium	Low	0.39	0.37	Medium	Medium	0.16	0.03	Low	Low
317	HAYRABOLU	0.40	0.43	Medium	Medium	0.49	0.51	Medium	High	0.31	0.34	Medium	Medium
318	HAYRAT	0.20	0.09	Low	Low	0.41	0.49	Medium	Medium	0.13	0.07	Low	Low
319	HAZRO	0.59	0.71	High	High	0.44	0.48	Medium	Medium	0.41	0.54	Medium	High
320	HEMSIN	0.19	0.06	Low	Low	0.52	0.57	High	High	0.15	0.06	Low	Low
321	HENDEK	0.36	0.20	Medium	Low	0.54	0.51	High	High	0.30	0.16	Medium	Low
322	HILVAN	0.73	0.84	High	Very High	0.41	0.45	Medium	Medium	0.47	0.59	Medium	High
323	HISARCIK	0.44	0.36	Medium	Medium	0.62	0.39	High	Medium	0.42	0.22	Medium	Low
324	HIZAN	0.14	0.20	Low	Low	0.72	0.80	High	Very High	0.15	0.25	Low	Medium
325	HONAZ	0.59	0.64	High	High	0.53	0.53	High	High	0.49	0.53	Medium	High
326	HOPA	0.20	0.07	Low	Low	0.54	0.40	High	Medium	0.17	0.04	Low	Low
327	HOZAT	0.29	0.23	Medium	Low	0.82	0.90	Very High	Very High	0.37	0.32	Medium	Medium
328	IBRADI	0.55	0.48	High	Medium	0.34	0.10	Medium	Low	0.29	0.07	Medium	Low
329	IDIL	0.65	0.82	High	Very High	0.42	0.43	Medium	Medium	0.43	0.56	Medium	High
330	IKIZCE	0.24	0.05	Low	Low	0.44	0.50	Medium	Medium	0.16	0.04	Low	Low
331	IKIZDERE	0.17	0.05	Low	Low	0.49	0.56	Medium	High	0.13	0.04	Low	Low
332	ILIC	0.28	0.17	Medium	Low	0.58	0.71	High	High	0.26	0.19	Medium	Low
333	ILKADIM	0.24	0.03	Low	Low	0.40	0.40	Medium	Medium	0.15	0.02	Low	Low
334	IMAMOGLU	0.83	0.96	Very High	Very High	0.32	0.36	Medium	Medium	0.42	0.55	Medium	High
335	INCIRLIOVA	0.65	0.74	High	High	0.53	0.53	High	High	0.55	0.62	High	High
336	INEBOLU	0.27	0.02	Medium	Low	0.48	0.44	Medium	Medium	0.21	0.01	Low	Low
337	INEGOL	0.35	0.24	Medium	Low	0.43	0.38	Medium	Medium	0.24	0.14	Low	Low
338	INHISAR	0.36	0.23	Medium	Low	0.68	0.64	High	High	0.38	0.23	Medium	Low
339	INONU	0.36	0.24	Medium	Low	0.55	0.52	High	High	0.32	0.20	Medium	Low
340	IPSALA	0.41	0.45	Medium	Medium	0.62	0.64	High	High	0.40	0.45	Medium	Medium
341	ISKENDERUN	0.54	0.58	High	High	0.58	0.49	High	Medium	0.49	0.45	Medium	Medium
342	ISKILIP	0.28	0.07	Medium	Low	0.51	0.47	High	Medium	0.23	0.05	Low	Low
343	ISLAHIYE	0.70	0.81	High	Very High	0.53	0.41	High	Medium	0.58	0.53	High	High
344	ISPARTA	0.56	0.56	High	High	0.57	0.48	High	Medium	0.51	0.42	High	Medium
345	ISPIR	0.16	0.05	Low	Low	0.44	0.46	Medium	Medium	0.11	0.04	Low	Low
346	IVRINDI	0.41	0.39	Medium	Medium	0.49	0.26	Medium	Medium	0.31	0.16	Medium	Low
347	IYIDERE	0.23	0.15	Low	Low	0.54	0.60	High	High	0.20	0.14	Low	Low
348	IZMIT	0.37	0.25	Medium	Low	0.62	0.47	High	Medium	0.36	0.18	Medium	Low
349	IZNIK	0.36	0.26	Medium	Medium	0.64	0.40	High	Medium	0.37	0.16	Medium	Low
350	KABADUZ	0.20	0.02	Low	Low	0.44	0.55	Medium	High	0.13	0.01	Low	Low
351	KADIRLI	0.81	0.90	Very High	Very High	0.52	0.56	High	High	0.66	0.79	High	Very High
352	KAHTA	0.71	0.79	High	Very High	0.53	0.57	High	High	0.59	0.71	High	High
353	KALE	0.61	0.63	High	High	0.54	0.54	High	High	0.52	0.54	High	High
354	KALE	0.47	0.50	Medium	High	0.53	0.58	High	High	0.39	0.46	Medium	Medium

355	KALKANDERE	0.22	0.13	Low	Low	0.54	0.61	High	High	0.18	0.12	Low	Low
356	KANDIRA	0.35	0.23	Medium	Low	0.68	0.50	High	Medium	0.38	0.18	Medium	Low
357	KAPAKLI	0.34	0.30	Medium	Medium	0.51	0.53	High	High	0.27	0.25	Medium	Medium
358	KARABAGLAR	0.48	0.52	Medium	High	0.28	0.06	Medium	Low	0.21	0.05	Low	Low
359	KARABUK	0.29	0.06	Medium	Low	0.59	0.60	High	High	0.27	0.06	Medium	Low
360	KARABURUN	0.38	0.36	Medium	Medium	0.27	0.04	Medium	Low	0.16	0.02	Low	Low
361	KARACABEY	0.38	0.35	Medium	Medium	0.37	0.15	Medium	Low	0.22	0.08	Low	Low
362	KARACASU	0.64	0.69	High	High	0.56	0.56	High	High	0.56	0.61	High	High
363	KARAHALLI	0.56	0.59	High	High	0.64	0.63	High	High	0.56	0.58	High	High
364	KARAISALI	0.69	0.79	High	Very High	0.36	0.41	Medium	Medium	0.39	0.51	Medium	High
365	KARAKOPRU	0.76	0.85	Very High	Very High	0.41	0.46	Medium	Medium	0.49	0.61	Medium	High
366	KARAMAN	0.58	0.54	High	High	0.58	0.50	High	Medium	0.53	0.43	High	Medium
367	KARAMANLI	0.52	0.54	High	High	0.62	0.58	High	High	0.51	0.50	High	Medium
368	KARAMURSEL	0.36	0.26	Medium	Medium	0.68	0.49	High	Medium	0.38	0.20	Medium	Low
369	KARAPINAR	0.58	0.59	High	High	0.37	0.30	Medium	Medium	0.34	0.28	Medium	Medium
370	KARASU	0.35	0.20	Medium	Low	0.58	0.54	High	High	0.32	0.17	Medium	Low
371	KARATAS	0.53	0.64	High	High	0.30	0.35	Medium	Medium	0.25	0.35	Medium	Medium
372	KARESI	0.41	0.38	Medium	Medium	0.49	0.26	Medium	Medium	0.32	0.16	Medium	Low
373	KARGI	0.26	0.02	Medium	Low	0.52	0.48	High	Medium	0.21	0.01	Low	Low
374	KARKAMIS	0.84	0.91	Very High	Very High	0.32	0.37	Medium	Medium	0.43	0.52	Medium	High
375	KARPUZLU	0.65	0.73	High	High	0.55	0.54	High	High	0.56	0.62	High	High
376	KARSIYAKA	0.47	0.54	Medium	High	0.29	0.07	Medium	Low	0.21	0.06	Low	Low
377	KARTEPE	0.38	0.24	Medium	Low	0.61	0.47	High	Medium	0.36	0.18	Medium	Low
378	KAS	0.49	0.43	Medium	Medium	0.60	0.48	High	Medium	0.47	0.32	Medium	Medium
379	KAVAK	0.24	0.03	Low	Low	0.39	0.38	Medium	Medium	0.15	0.02	Low	Low
380	KAVAKLIDERE	0.57	0.56	High	High	0.56	0.56	High	High	0.50	0.49	Medium	Medium
381	KAYAPINAR	0.66	0.77	High	Very High	0.42	0.47	Medium	Medium	0.44	0.56	Medium	High
382	KAYNARCA	0.36	0.22	Medium	Low	0.76	0.58	Very High	High	0.42	0.20	Medium	Low
383	KAZIMKARABEKIR	0.59	0.55	High	High	0.54	0.48	High	Medium	0.49	0.42	Medium	Medium
384	KEBAN	0.40	0.38	Medium	Medium	0.55	0.61	High	High	0.35	0.36	Medium	Medium
385	KECIBORLU	0.59	0.64	High	High	0.59	0.56	High	High	0.54	0.56	High	High
386	KELES	0.35	0.24	Medium	Low	0.40	0.17	Medium	Low	0.22	0.06	Low	Low
387	KEMALIYE	0.32	0.23	Medium	Low	0.60	0.73	High	High	0.30	0.26	Medium	Medium
388	KEMALPASA	0.54	0.60	High	High	0.27	0.12	Medium	Low	0.23	0.11	Low	Low
389	KEMALPASA	0.20	0.07	Low	Low	0.55	0.41	High	Medium	0.17	0.05	Low	Low
390	KEMER	0.52	0.48	High	Medium	0.48	0.26	Medium	Medium	0.39	0.19	Medium	Low
391	KEMER	0.52	0.53	High	High	0.62	0.58	High	High	0.51	0.48	High	Medium
392	KEPEZ	0.67	0.76	High	Very High	0.33	0.17	Medium	Low	0.35	0.20	Medium	Low
393	KEPSUT	0.41	0.37	Medium	Medium	0.51	0.27	High	Medium	0.32	0.16	Medium	Low
394	KESAN	0.40	0.43	Medium	Medium	0.69	0.69	High	High	0.43	0.47	Medium	Medium
395	KESAP	0.18	0.04	Low	Low	0.51	0.66	High	High	0.14	0.05	Low	Low
396	KESTEL	0.34	0.24	Medium	Low	0.39	0.23	Medium	Low	0.21	0.09	Low	Low
397	KILIMLI	0.33	0.12	Medium	Low	0.49	0.50	Medium	High	0.26	0.10	Medium	Low
398	KILIS	0.77	0.89	Very High	Very High	0.79	0.66	Very High	High	0.95	0.93	Very High	Very High
399	KINIK	0.50	0.57	High	High	0.32	0.13	Medium	Low	0.25	0.11	Low	Low

400	KIRAZ	0.58	0.62	High	High	0.25	0.09	Low	Low	0.23	0.09	Low	Low
401	KIRIKHAN	0.61	0.71	High	High	0.55	0.43	High	Medium	0.52	0.48	High	Medium
402	KIRKAGAC	0.48	0.50	Medium	High	0.47	0.27	Medium	Medium	0.35	0.21	Medium	Low
403	KIRKLARELI	0.36	0.36	Medium	Medium	0.67	0.70	High	High	0.38	0.39	Medium	Medium
404	KIZILTEPE	0.70	0.83	High	Very High	0.27	0.23	Medium	Low	0.30	0.29	Medium	Medium
405	KOCAALI	0.35	0.19	Medium	Low	0.57	0.58	High	High	0.31	0.17	Medium	Low
406	KOCAKOY	0.60	0.71	High	High	0.43	0.47	Medium	Medium	0.40	0.53	Medium	High
407	KOCARLI	0.60	0.65	High	High	0.54	0.54	High	High	0.51	0.55	High	High
408	KOFCAZ	0.36	0.35	Medium	Medium	0.71	0.84	High	Very High	0.40	0.46	Medium	Medium
409	KONAK	0.50	0.56	High	High	0.26	0.03	Medium	Low	0.20	0.03	Low	Low
410	KONYAALTI	0.58	0.57	High	High	0.40	0.25	Medium	Medium	0.36	0.23	Medium	Low
411	KOPRUBASI	0.53	0.54	High	High	0.42	0.27	Medium	Medium	0.35	0.23	Medium	Low
412	KOPRUBASI	0.19	0.07	Low	Low	0.41	0.49	Medium	Medium	0.12	0.06	Low	Low
413	KORFEZ	0.35	0.24	Medium	Low	0.68	0.50	High	Medium	0.37	0.19	Medium	Low
414	KORGAN	0.23	0.03	Low	Low	0.45	0.54	Medium	High	0.16	0.03	Low	Low
415	KORKUTELI	0.51	0.48	High	Medium	0.40	0.28	Medium	Medium	0.32	0.21	Medium	Low
416	KOSK	0.71	0.81	High	Very High	0.56	0.55	High	High	0.62	0.70	High	High
417	KOVANCILAR	0.42	0.49	Medium	Medium	0.63	0.70	High	High	0.41	0.54	Medium	High
418	KOYCEGIZ	0.64	0.67	High	High	0.56	0.53	High	High	0.57	0.56	High	High
419	KOYULHISAR	0.21	0.03	Low	Low	0.52	0.58	High	High	0.18	0.03	Low	Low
420	KOZAN	0.74	0.81	High	Very High	0.37	0.42	Medium	Medium	0.43	0.52	Medium	High
421	KOZLU	0.34	0.13	Medium	Low	0.49	0.50	Medium	Medium	0.26	0.10	Medium	Low
422	KOZLUK	0.49	0.62	Medium	High	0.57	0.61	High	High	0.44	0.59	Medium	High
423	KULA	0.58	0.60	High	High	0.43	0.28	Medium	Medium	0.39	0.26	Medium	Medium
424	KULP	0.38	0.49	Medium	Medium	0.50	0.54	Medium	High	0.30	0.41	Medium	Medium
425	KUMLU	0.70	0.89	High	Very High	0.53	0.41	High	Medium	0.58	0.58	High	High
426	KUMLUCA	0.52	0.49	High	Medium	0.46	0.25	Medium	Medium	0.37	0.20	Medium	Low
427	KUMRU	0.23	0.03	Low	Low	0.47	0.52	Medium	High	0.17	0.02	Low	Low
428	KURE	0.27	0.02	Medium	Low	0.46	0.41	Medium	Medium	0.20	0.01	Low	Low
429	KURTALAN	0.59	0.75	High	High	0.61	0.65	High	High	0.56	0.76	High	Very High
430	KURTUN	0.15	0.01	Low	Low	0.59	0.70	High	High	0.14	0.01	Low	Low
431	KURUCASILE	0.31	0.08	Medium	Low	0.58	0.62	High	High	0.29	0.08	Medium	Low
432	KUSADASI	0.55	0.59	High	High	0.52	0.45	High	Medium	0.44	0.41	Medium	Medium
433	KUYUCAK	0.66	0.73	High	High	0.56	0.54	High	High	0.58	0.62	High	High
434	LACIN	0.30	0.10	Medium	Low	0.51	0.47	High	Medium	0.24	0.07	Low	Low
435	LADIK	0.25	0.03	Low	Low	0.39	0.43	Medium	Medium	0.15	0.02	Low	Low
436	LAPSEKI	0.38	0.38	Medium	Medium	0.55	0.43	High	Medium	0.33	0.25	Medium	Medium
437	LICE	0.47	0.58	Medium	High	0.49	0.53	Medium	High	0.36	0.48	Medium	Medium
438	LULEBURGAZ	0.38	0.39	Medium	Medium	0.62	0.64	High	High	0.37	0.39	Medium	Medium
439	MACKA	0.17	0.05	Low	Low	0.40	0.49	Medium	Medium	0.11	0.03	Low	Low
440	MADEN	0.45	0.53	Medium	High	0.56	0.61	High	High	0.39	0.50	Medium	High
441	MALKARA	0.39	0.40	Medium	Medium	0.59	0.58	High	High	0.36	0.37	Medium	Medium
442	MANAVGAT	0.58	0.59	High	High	0.32	0.09	Medium	Low	0.30	0.08	Medium	Low
443	MANYAS	0.39	0.37	Medium	Medium	0.50	0.27	High	Medium	0.31	0.16	Medium	Low
444	MARMARA	0.37	0.36	Medium	Medium	0.74	0.56	High	High	0.43	0.32	Medium	Medium

445	MARMARAEREGLISI	0.35	0.33	Medium	Medium	0.79	0.72	Very High	High	0.43	0.37	Medium	Medium
446	MARMARIS	0.59	0.66	High	High	0.58	0.51	High	High	0.54	0.52	High	High
447	MAYIS	0.24	0.03	Low	Low	0.40	0.40	Medium	Medium	0.15	0.02	Low	Low
448	MAZIDAGI	0.68	0.83	High	Very High	0.52	0.55	High	High	0.55	0.71	High	High
449	MENDERES	0.52	0.56	High	High	0.26	0.04	Medium	Low	0.21	0.04	Low	Low
450	MENEMEN	0.46	0.53	Medium	High	0.25	0.10	Low	Low	0.18	0.08	Low	Low
451	MENGEN	0.29	0.09	Medium	Low	0.55	0.55	High	High	0.25	0.08	Medium	Low
452	MENTESE	0.60	0.63	High	High	0.57	0.54	High	High	0.54	0.54	High	High
453	MERIC	0.43	0.47	Medium	Medium	0.63	0.65	High	High	0.42	0.49	Medium	Medium
454	MERKEZEFENDI	0.67	0.72	High	High	0.53	0.52	High	High	0.55	0.60	High	High
455	MERZIFON	0.27	0.07	Medium	Low	0.54	0.57	High	High	0.23	0.07	Low	Low
456	MESUDIYE	0.21	0.02	Low	Low	0.43	0.54	Medium	High	0.14	0.02	Low	Low
457	MEZITLI	0.51	0.50	High	High	0.30	0.19	Medium	Low	0.24	0.15	Low	Low
458	MIDYAT	0.65	0.82	High	Very High	0.43	0.43	Medium	Medium	0.44	0.56	Medium	High
459	MIHALGAZI	0.36	0.22	Medium	Low	0.57	0.53	High	High	0.32	0.19	Medium	Low
460	MIHALICCIK	0.35	0.23	Medium	Low	0.51	0.48	High	Medium	0.28	0.17	Medium	Low
461	MILAS	0.58	0.64	High	High	0.56	0.50	High	High	0.51	0.51	High	High
462	MUDANYA	0.37	0.32	Medium	Medium	0.41	0.18	Medium	Low	0.24	0.09	Low	Low
463	MUDURNU	0.33	0.15	Medium	Low	0.63	0.60	High	High	0.33	0.14	Medium	Low
464	MURATLI	0.37	0.37	Medium	Medium	0.53	0.55	High	High	0.31	0.31	Medium	Medium
465	MURATPASA	0.71	0.82	High	Very High	0.36	0.18	Medium	Low	0.40	0.23	Medium	Low
466	MURGUL	0.18	0.05	Low	Low	0.62	0.64	High	High	0.18	0.05	Low	Low
467	MUS	0.18	0.25	Low	Medium	0.68	0.75	High	High	0.19	0.30	Low	Medium
468	MUSABEYLI	0.74	0.88	High	Very High	0.76	0.64	Very High	High	0.89	0.88	Very High	Very High
469	MUSTAFAKEMALPASA	0.38	0.33	Medium	Medium	0.38	0.15	Medium	Low	0.23	0.08	Low	Low
470	MUT	0.61	0.60	High	High	0.47	0.31	Medium	Medium	0.45	0.29	Medium	Medium
471	MUTKI	0.16	0.24	Low	Low	0.70	0.74	High	High	0.18	0.28	Low	Medium
472	NALLIHAN	0.34	0.20	Medium	Low	0.30	0.26	Medium	Medium	0.16	0.08	Low	Low
473	NARLIDERE	0.46	0.48	Medium	Medium	0.29	0.06	Medium	Low	0.21	0.05	Low	Low
474	NARMAN	0.19	0.11	Low	Low	0.42	0.44	Medium	Medium	0.12	0.08	Low	Low
475	NAZILLI	0.69	0.76	High	Very High	0.52	0.51	High	High	0.56	0.60	High	High
476	NIKSAR	0.25	0.05	Medium	Low	0.51	0.55	High	High	0.20	0.05	Low	Low
477	NILUFER	0.37	0.31	Medium	Medium	0.38	0.14	Medium	Low	0.22	0.07	Low	Low
478	NIZIP	0.82	0.90	Very High	Very High	0.34	0.38	Medium	Medium	0.44	0.54	Medium	High
479	NURDAGI	0.73	0.84	High	Very High	0.43	0.40	Medium	Medium	0.50	0.53	Medium	High
480	NURHAK	0.47	0.43	Medium	Medium	0.50	0.54	Medium	High	0.37	0.37	Medium	Medium
481	NUSAYBIN	0.68	0.83	High	Very High	0.31	0.27	Medium	Medium	0.33	0.35	Medium	Medium
482	ODEMIS	0.64	0.71	High	High	0.24	0.09	Low	Low	0.24	0.10	Low	Low
483	OF	0.23	0.15	Low	Low	0.43	0.51	Medium	High	0.16	0.12	Low	Low
484	OGUZELI	0.85	0.94	Very High	Very High	0.33	0.37	Medium	Medium	0.44	0.55	Medium	High
485	OGUZLAR	0.29	0.08	Medium	Low	0.51	0.46	High	Medium	0.23	0.06	Low	Low
486	OLTU	0.20	0.11	Low	Low	0.43	0.45	Medium	Medium	0.13	0.08	Low	Low
487	OLUR	0.20	0.09	Low	Low	0.45	0.47	Medium	Medium	0.14	0.07	Low	Low
488	OMERLI	0.64	0.81	High	Very High	0.37	0.34	Medium	Medium	0.37	0.44	Medium	Medium
489	ONIKISUBAT	0.58	0.57	High	High	0.50	0.54	High	High	0.45	0.48	Medium	Medium

490	ORHANELI	0.36	0.28	Medium	Medium	0.38	0.15	Medium	Low	0.22	0.06	Low	Low
491	ORHANGAZI	0.35	0.26	Medium	Medium	0.61	0.37	High	Medium	0.33	0.15	Medium	Low
492	ORTACA	0.73	0.81	High	Very High	0.52	0.46	High	Medium	0.59	0.59	High	High
493	ORTAHISAR	0.20	0.11	Low	Low	0.41	0.50	Medium	Medium	0.13	0.08	Low	Low
494	OSMANCIK	0.27	0.05	Medium	Low	0.51	0.46	High	Medium	0.21	0.04	Low	Low
495	OSMANELI	0.37	0.25	Medium	Low	0.68	0.63	High	High	0.40	0.24	Medium	Low
496	OSMANGAZI	0.35	0.26	Medium	Medium	0.39	0.16	Medium	Low	0.21	0.07	Low	Low
497	OSMANIYE	0.70	0.78	High	Very High	0.56	0.58	High	High	0.61	0.71	High	High
498	OVACIK	0.28	0.06	Medium	Low	0.60	0.60	High	High	0.27	0.05	Medium	Low
499	OVACIK	0.22	0.11	Low	Low	0.82	0.90	Very High	Very High	0.29	0.16	Medium	Low
500	PALU	0.39	0.47	Medium	Medium	0.62	0.69	High	High	0.38	0.50	Medium	High
501	PAMUKKALE	0.66	0.72	High	High	0.53	0.52	High	High	0.55	0.59	High	High
502	PAMUKOVA	0.38	0.24	Medium	Low	0.57	0.51	High	High	0.33	0.19	Medium	Low
503	PAYAS	0.53	0.53	High	High	0.59	0.50	High	Medium	0.49	0.42	Medium	Medium
504	PAZAR	0.22	0.12	Low	Low	0.57	0.60	High	High	0.19	0.11	Low	Low
505	PAZAR	0.29	0.13	Medium	Low	0.52	0.56	High	High	0.23	0.11	Low	Low
506	PAZARCIK	0.72	0.80	High	Very High	0.45	0.49	Medium	Medium	0.51	0.62	High	High
507	PAZARLAR	0.49	0.43	Medium	Medium	0.56	0.41	High	Medium	0.43	0.28	Medium	Medium
508	PAZARYERI	0.35	0.22	Medium	Low	0.69	0.66	High	High	0.38	0.23	Medium	Low
509	PAZARYOLU	0.16	0.05	Low	Low	0.44	0.46	Medium	Medium	0.11	0.03	Low	Low
510	PENDIK	0.33	0.26	Medium	Medium	0.47	0.29	Medium	Medium	0.24	0.12	Low	Low
511	PERSEMBE	0.21	0.04	Low	Low	0.45	0.54	Medium	High	0.15	0.03	Low	Low
512	PERTEK	0.42	0.46	Medium	Medium	0.82	0.89	Very High	Very High	0.54	0.64	High	High
513	PERVARI	0.24	0.40	Low	Medium	0.63	0.67	High	High	0.24	0.41	Low	Medium
514	PINARBASI	0.29	0.05	Medium	Low	0.45	0.42	Medium	Medium	0.21	0.03	Low	Low
515	PINARBASI	0.40	0.28	Medium	Medium	0.43	0.48	Medium	Medium	0.27	0.21	Medium	Low
516	PINARHISAR	0.35	0.33	Medium	Medium	0.63	0.66	High	High	0.35	0.34	Medium	Medium
517	PIRAZIZ	0.18	0.02	Low	Low	0.48	0.63	Medium	High	0.13	0.02	Low	Low
518	POLATELI	0.79	0.90	Very High	Very High	0.81	0.68	Very High	High	1.00	0.97	Very High	Very High
519	POZANTI	0.53	0.47	High	Medium	0.40	0.44	Medium	Medium	0.33	0.33	Medium	Medium
520	PUTURGE	0.45	0.50	Medium	High	0.55	0.59	High	High	0.39	0.47	Medium	Medium
521	RESADIYE	0.24	0.05	Low	Low	0.51	0.55	High	High	0.19	0.04	Low	Low
522	REYHANLI	0.66	0.85	High	Very High	0.52	0.40	High	Medium	0.55	0.54	High	High
523	RIZE	0.19	0.08	Low	Low	0.53	0.58	High	High	0.16	0.08	Low	Low
524	SAFRANBOLU	0.29	0.05	Medium	Low	0.57	0.58	High	High	0.26	0.05	Medium	Low
525	SAHINBEY	0.76	0.87	Very High	Very High	0.49	0.45	Medium	Medium	0.58	0.62	High	High
526	SAIMBEYLI	0.51	0.44	High	Medium	0.41	0.46	Medium	Medium	0.33	0.32	Medium	Medium
527	SALIHLI	0.60	0.65	High	High	0.42	0.27	Medium	Medium	0.40	0.28	Medium	Medium
528	SALIPAZARI	0.25	0.05	Low	Low	0.38	0.43	Medium	Medium	0.15	0.03	Low	Low
529	SALPAZARI	0.15	0.02	Low	Low	0.40	0.50	Medium	High	0.10	0.02	Low	Low
530	SAMANDAG	0.48	0.51	Medium	High	0.59	0.48	High	Medium	0.45	0.38	Medium	Medium
531	SAMSAT	0.75	0.84	Very High	Very High	0.50	0.55	High	High	0.59	0.72	High	High
532	SAPANCA	0.38	0.24	Medium	Low	0.47	0.43	Medium	Medium	0.28	0.16	Medium	Low
533	SAPHANE	0.47	0.40	Medium	Medium	0.57	0.41	High	Medium	0.42	0.26	Medium	Medium
534	SARAY	0.35	0.31	Medium	Medium	0.54	0.55	High	High	0.30	0.27	Medium	Medium

535	SARAY	0.14	0.11	Low	Low	0.40	0.38	Medium	Medium	0.09	0.07	Low	Low
536	SARAYDUZU	0.26	0.03	Medium	Low	0.60	0.56	High	High	0.25	0.03	Low	Low
537	SARAYKOY	0.68	0.76	High	Very High	0.52	0.52	High	High	0.56	0.62	High	High
538	SARICAKAYA	0.36	0.22	Medium	Low	0.53	0.49	High	Medium	0.29	0.17	Medium	Low
539	SARICAM	0.76	0.92	Very High	Very High	0.32	0.37	Medium	Medium	0.38	0.53	Medium	High
540	SARIGOL	0.59	0.62	High	High	0.43	0.28	Medium	Medium	0.40	0.28	Medium	Medium
541	SARIKAMIS	0.19	0.13	Low	Low	0.60	0.63	High	High	0.18	0.13	Low	Low
542	SARIVELILER	0.57	0.52	High	High	0.62	0.45	High	Medium	0.55	0.37	High	Medium
543	SARKOY	0.38	0.37	Medium	Medium	0.81	0.74	Very High	High	0.48	0.43	Medium	Medium
544	SARUHANLI	0.60	0.69	High	High	0.42	0.27	Medium	Medium	0.40	0.29	Medium	Medium
545	SASON	0.29	0.42	Medium	Medium	0.61	0.65	High	High	0.28	0.43	Medium	Medium
546	SAVASTEPE	0.43	0.44	Medium	Medium	0.49	0.28	Medium	Medium	0.33	0.19	Medium	Low
547	SAVSAT	0.19	0.08	Low	Low	0.61	0.64	High	High	0.18	0.08	Low	Low
548	SAVUR	0.65	0.82	High	Very High	0.51	0.55	High	High	0.52	0.70	High	High
549	SEBEN	0.31	0.13	Medium	Low	0.61	0.57	High	High	0.29	0.12	Medium	Low
550	SEBINKARAHISAR	0.19	0.03	Low	Low	0.55	0.59	High	High	0.16	0.03	Low	Low
551	SEFERIHISAR	0.46	0.47	Medium	Medium	0.26	0.04	Medium	Low	0.19	0.03	Low	Low
552	SEHITKAMIL	0.74	0.83	High	Very High	0.36	0.39	Medium	Medium	0.41	0.51	Medium	High
553	SEHZADELER	0.59	0.67	High	High	0.39	0.24	Medium	Low	0.36	0.25	Medium	Medium
554	SELCUK	0.56	0.61	High	High	0.26	0.13	Medium	Low	0.23	0.12	Low	Low
555	SELENDI	0.51	0.48	High	Medium	0.44	0.29	Medium	Medium	0.36	0.22	Medium	Low
556	SEMDINLI	0.19	0.22	Low	Low	0.49	0.46	Medium	Medium	0.15	0.16	Low	Low
557	SENKAYA	0.21	0.12	Low	Low	0.45	0.48	Medium	Medium	0.15	0.09	Low	Low
558	SENPAZAR	0.28	0.04	Medium	Low	0.47	0.42	Medium	Medium	0.21	0.03	Low	Low
559	SERDIVAN	0.39	0.25	Medium	Medium	0.44	0.41	Medium	Medium	0.27	0.16	Medium	Low
560	SERIK	0.66	0.74	High	High	0.31	0.15	Medium	Low	0.32	0.17	Medium	Low
561	SERINHISAR	0.54	0.52	High	High	0.53	0.51	High	High	0.44	0.42	Medium	Medium
562	SEYDIKEMER	0.53	0.51	High	High	0.51	0.40	High	Medium	0.43	0.32	Medium	Medium
563	SEYDISEHIR	0.56	0.50	High	High	0.40	0.17	Medium	Low	0.35	0.13	Medium	Low
564	SEYHAN	0.65	0.81	High	Very High	0.29	0.34	Medium	Medium	0.30	0.43	Medium	Medium
565	SIIRT	0.57	0.75	High	High	0.63	0.67	High	High	0.56	0.78	High	Very High
566	SILE	0.33	0.23	Medium	Low	0.50	0.32	High	Medium	0.26	0.12	Medium	Low
567	SILIFKE	0.53	0.52	High	High	0.44	0.28	Medium	Medium	0.37	0.23	Medium	Low
568	SILIVRI	0.34	0.30	Medium	Medium	0.53	0.46	High	Medium	0.28	0.22	Medium	Low
569	SILOPI	0.62	0.80	High	Very High	0.50	0.54	Medium	High	0.48	0.67	Medium	High
570	SILVAN	0.61	0.73	High	High	0.43	0.47	Medium	Medium	0.41	0.54	Medium	High
571	SIMAV	0.44	0.37	Medium	Medium	0.60	0.38	High	Medium	0.41	0.22	Medium	Low
572	SINCIK	0.50	0.54	High	High	0.59	0.63	High	High	0.46	0.53	Medium	High
573	SINDIRGI	0.44	0.41	Medium	Medium	0.51	0.29	High	Medium	0.36	0.18	Medium	Low
574	SINOP	0.27	0.05	Medium	Low	0.54	0.49	High	Medium	0.23	0.04	Low	Low
575	SIRNAK	0.48	0.68	Medium	High	0.53	0.57	High	High	0.40	0.61	Medium	High
576	SIRVAN	0.25	0.39	Low	Medium	0.68	0.72	High	High	0.27	0.44	Medium	Medium
577	SIVASLI	0.53	0.54	High	High	0.65	0.64	High	High	0.54	0.55	High	High
578	SIVEREK	0.68	0.80	High	Very High	0.39	0.42	Medium	Medium	0.42	0.53	Medium	High
579	SIVRICE	0.40	0.44	Medium	Medium	0.57	0.62	High	High	0.35	0.43	Medium	Medium

580	SOGUT	0.36	0.24	Medium	Low	0.68	0.65	High	High	0.39	0.24	Medium	Low
581	SOGUTLU	0.38	0.24	Medium	Low	0.51	0.48	High	Medium	0.31	0.18	Medium	Low
582	SOKE	0.56	0.61	High	High	0.53	0.52	High	High	0.47	0.50	Medium	Medium
583	SOLHAN	0.20	0.26	Low	Medium	0.73	0.81	High	Very High	0.23	0.33	Low	Medium
584	SOMA	0.45	0.47	Medium	Medium	0.45	0.27	Medium	Medium	0.32	0.20	Medium	Low
585	SULEYMANPASA	0.37	0.37	Medium	Medium	0.61	0.59	High	High	0.35	0.34	Medium	Medium
586	SULOGLU	0.39	0.40	Medium	Medium	0.62	0.64	High	High	0.38	0.41	Medium	Medium
587	SULTANHISAR	0.72	0.81	High	Very High	0.55	0.55	High	High	0.62	0.70	High	High
588	SUMBAS	0.73	0.79	High	Very High	0.48	0.52	Medium	High	0.54	0.64	High	High
589	SUR	0.65	0.77	High	Very High	0.42	0.46	Medium	Medium	0.43	0.56	Medium	High
590	SURMENE	0.23	0.14	Low	Low	0.42	0.50	Medium	High	0.15	0.11	Low	Low
591	SURUC	0.80	0.87	Very High	Very High	0.41	0.46	Medium	Medium	0.52	0.62	High	High
592	SUSURLUK	0.39	0.36	Medium	Medium	0.50	0.26	Medium	Medium	0.31	0.15	Medium	Low
593	SUTCULER	0.56	0.52	High	High	0.56	0.39	High	Medium	0.49	0.32	Medium	Medium
594	TARSUS	0.59	0.68	High	High	0.29	0.27	Medium	Medium	0.27	0.29	Medium	Medium
595	TASKENT	0.59	0.51	High	High	0.49	0.32	Medium	Medium	0.45	0.26	Medium	Medium
596	TASKOPRU	0.26	0.01	Medium	Low	0.53	0.48	High	Medium	0.21	0.01	Low	Low
597	TASOVA	0.26	0.05	Medium	Low	0.54	0.58	High	High	0.22	0.05	Low	Low
598	TAVAS	0.55	0.53	High	High	0.53	0.53	High	High	0.46	0.44	Medium	Medium
599	TAVSANLI	0.39	0.30	Medium	Medium	0.60	0.38	High	Medium	0.37	0.18	Medium	Low
600	TEKKEKOY	0.26	0.05	Medium	Low	0.41	0.41	Medium	Medium	0.16	0.03	Low	Low
601	TEPEBASI	0.36	0.24	Medium	Low	0.55	0.52	High	High	0.31	0.19	Medium	Low
602	TERMAL	0.33	0.25	Medium	Medium	0.90	0.72	Very High	High	0.47	0.29	Medium	Medium
603	TERME	0.25	0.06	Low	Low	0.36	0.41	Medium	Medium	0.14	0.04	Low	Low
604	TILLO	0.53	0.72	High	High	0.66	0.70	High	High	0.54	0.78	High	Very High
605	TIRE	0.71	0.81	High	Very High	0.23	0.11	Low	Low	0.26	0.14	Medium	Low
606	TIREBOLU	0.19	0.08	Low	Low	0.51	0.62	High	High	0.15	0.07	Low	Low
607	TOKAT	0.27	0.09	Medium	Low	0.52	0.55	High	High	0.22	0.08	Low	Low
608	TONYA	0.15	0.02	Low	Low	0.40	0.49	Medium	Medium	0.09	0.01	Low	Low
609	TOPRAKKALE	0.85	1.00	Very High	Very High	0.53	0.53	High	High	0.70	0.83	High	Very High
610	TORBALI	0.60	0.69	High	High	0.18	0.02	Low	Low	0.17	0.02	Low	Low
611	TOROSLAR	0.51	0.49	High	Medium	0.31	0.21	Medium	Low	0.25	0.16	Low	Low
612	TORTUM	0.18	0.08	Low	Low	0.42	0.45	Medium	Medium	0.12	0.06	Low	Low
613	TORUL	0.16	0.02	Low	Low	0.60	0.70	High	High	0.15	0.03	Low	Low
614	TOSYA	0.26	0.02	Medium	Low	0.54	0.50	High	Medium	0.22	0.01	Low	Low
615	TURGUTLU	0.61	0.69	High	High	0.39	0.24	Medium	Low	0.38	0.26	Medium	Medium
616	TURHAL	0.29	0.12	Medium	Low	0.51	0.55	High	High	0.23	0.11	Low	Low
617	TURKELI	0.26	0.03	Medium	Low	0.56	0.52	High	High	0.23	0.02	Low	Low
618	TURKOGLU	0.75	0.81	High	Very High	0.45	0.49	Medium	Medium	0.53	0.62	High	High
619	TUT	0.51	0.55	High	High	0.56	0.61	High	High	0.45	0.52	Medium	High
620	TUZLA	0.33	0.26	Medium	Medium	0.57	0.38	High	Medium	0.29	0.16	Medium	Low
621	ULA	0.62	0.67	High	High	0.58	0.53	High	High	0.56	0.56	High	High
622	ULUBEY	0.21	0.04	Low	Low	0.44	0.55	Medium	High	0.14	0.03	Low	Low
623	ULUBEY	0.57	0.58	High	High	0.64	0.63	High	High	0.57	0.58	High	High
624	ULUDERE	0.33	0.51	Medium	High	0.55	0.59	High	High	0.29	0.47	Medium	Medium

625	ULUKISLA	0.52	0.46	High	Medium	0.57	0.59	High	High	0.46	0.42	Medium	Medium
626	ULUS	0.30	0.07	Medium	Low	0.57	0.60	High	High	0.27	0.06	Medium	Low
627	UMRANIYE	0.32	0.26	Medium	Medium	0.44	0.26	Medium	Medium	0.22	0.11	Low	Low
628	UNYE	0.23	0.04	Low	Low	0.46	0.51	Medium	High	0.16	0.03	Low	Low
629	URLA	0.42	0.40	Medium	Medium	0.26	0.03	Medium	Low	0.17	0.02	Low	Low
630	USAK	0.52	0.50	High	Medium	0.59	0.49	High	Medium	0.48	0.38	Medium	Medium
631	USKUDAR	0.32	0.26	Medium	Medium	0.44	0.26	Medium	Medium	0.22	0.10	Low	Low
632	UZUNDERE	0.19	0.09	Low	Low	0.45	0.47	Medium	Medium	0.13	0.06	Low	Low
633	UZUNKOPRU	0.42	0.45	Medium	Medium	0.63	0.65	High	High	0.41	0.46	Medium	Medium
634	VAKFIKEBIR	0.15	0.01	Low	Low	0.40	0.50	Medium	High	0.09	0.01	Low	Low
635	VEZIRKOPRU	0.26	0.04	Medium	Low	0.40	0.36	Medium	Medium	0.16	0.02	Low	Low
636	VIRANSEHIR	0.71	0.82	High	Very High	0.22	0.18	Low	Low	0.25	0.23	Low	Low
637	VIZE	0.35	0.30	Medium	Medium	0.81	0.78	Very High	Very High	0.44	0.37	Medium	Medium
638	YAGLIDERE	0.16	0.02	Low	Low	0.51	0.66	High	High	0.13	0.02	Low	Low
639	YAHYALI	0.50	0.41	Medium	Medium	0.42	0.46	Medium	Medium	0.33	0.30	Medium	Medium
640	YAKAKENT	0.26	0.04	Medium	Low	0.53	0.48	High	Medium	0.22	0.03	Low	Low
641	YALOVA	0.34	0.26	Medium	Medium	0.89	0.69	Very High	High	0.48	0.29	Medium	Medium
642	YATAGAN	0.63	0.69	High	High	0.55	0.54	High	High	0.55	0.59	High	High
643	YAVUZELI	0.80	0.88	Very High	Very High	0.34	0.38	Medium	Medium	0.42	0.53	Medium	High
644	YAYLADAGI	0.48	0.51	Medium	High	0.68	0.46	High	Medium	0.51	0.37	High	Medium
645	YAZIHAN	0.50	0.47	Medium	Medium	0.51	0.55	High	High	0.39	0.41	Medium	Medium
646	YENICE	0.39	0.36	Medium	Medium	0.60	0.42	High	Medium	0.37	0.24	Medium	Low
647	YENICE	0.29	0.06	Medium	Low	0.59	0.59	High	High	0.27	0.06	Medium	Low
648	YENIPAZAR	0.70	0.79	High	Very High	0.56	0.55	High	High	0.61	0.68	High	High
649	YENIPAZAR	0.36	0.22	Medium	Low	0.68	0.64	High	High	0.38	0.22	Medium	Low
650	YENISEHIR	0.36	0.26	Medium	Medium	0.39	0.35	Medium	Medium	0.22	0.14	Low	Low
651	YENISEHIR	0.66	0.77	High	Very High	0.42	0.46	Medium	Medium	0.43	0.55	Medium	High
652	YENISEHIR	0.53	0.59	High	High	0.29	0.18	Medium	Low	0.25	0.17	Low	Low
653	YESILLI	0.65	0.82	High	Very High	0.36	0.33	Medium	Medium	0.37	0.43	Medium	Medium
654	YESILOVA	0.53	0.55	High	High	0.65	0.63	High	High	0.55	0.55	High	High
655	YESILYURT	0.47	0.46	Medium	Medium	0.52	0.57	High	High	0.38	0.40	Medium	Medium
656	YESILYURT	0.29	0.15	Medium	Low	0.52	0.56	High	High	0.24	0.13	Low	Low
657	YIGILCA	0.32	0.13	Medium	Low	0.63	0.63	High	High	0.32	0.13	Medium	Low
658	YILDIRIM	0.34	0.24	Medium	Low	0.39	0.16	Medium	Low	0.21	0.06	Low	Low
659	YOMRA	0.21	0.11	Low	Low	0.41	0.49	Medium	Medium	0.13	0.09	Low	Low
660	YUKSEKOVA	0.16	0.18	Low	Low	0.48	0.46	Medium	Medium	0.12	0.13	Low	Low
661	YUMURTALIK	0.58	0.68	High	High	0.43	0.38	Medium	Medium	0.39	0.40	Medium	Medium
662	YUNUSEMRE	0.48	0.54	Medium	High	0.39	0.24	Medium	Low	0.30	0.20	Medium	Low
663	YUREGIR	0.60	0.73	High	High	0.31	0.36	Medium	Medium	0.30	0.41	Medium	Medium
664	YUSUFELI	0.18	0.06	Low	Low	0.56	0.58	High	High	0.16	0.05	Low	Low
665	ZONGULDAK	0.33	0.12	Medium	Low	0.50	0.51	Medium	High	0.26	0.10	Medium	Z

Grape

Nr.	District Name	HAZ SSP 245 INDEX	HAZ SSP 585 INDEX	HAZ SSP 585 CLASS	HAZ SSP 585 CLASS	VUL SSP 245 INDEX	VUL SSP 585 INDEX	VUL SSP 585 CLASS	VUL SSP 585 CLASS	RISK SSP 245 INDEX	RISK SSP 585 INDEX	RISK SSP 585 CLASS	RISK SSP 585 CLASS
1	ABANA	0.31	0.10	Medium	Low	0.48	0.43	Medium	Medium	0.23	0.07	Low	Low
2	ACIGOL	0.56	0.50	High	Medium	0.61	0.57	High	High	0.52	0.43	High	Medium
3	ACIPAYAM	0.69	0.77	High	Very High	0.54	0.52	High	High	0.57	0.62	High	High
4	ADAPAZARI	0.40	0.28	Medium	Medium	0.45	0.41	Medium	Medium	0.28	0.18	Medium	Low
5	ADILCEVAZ	0.08	0.22	Low	Low	0.75	0.95	Very High	Very High	0.09	0.32	Low	Medium
6	ADIYAMAN	0.62	0.67	High	High	0.53	0.58	High	High	0.51	0.59	High	High
7	AFSIN	0.53	0.44	High	Medium	0.50	0.54	Medium	High	0.41	0.37	Medium	Medium
8	AFYONKARAHISAR	0.52	0.56	High	High	0.62	0.59	High	High	0.50	0.51	Medium	High
9	AGACOREN	0.50	0.44	High	Medium	0.30	0.25	Medium	Medium	0.23	0.17	Low	Low
10	AGIN	0.42	0.34	Medium	Medium	0.50	0.62	Medium	High	0.32	0.33	Medium	Medium
11	AGLASUN	0.68	0.79	High	Very High	0.60	0.50	High	Medium	0.64	0.60	High	High
12	AHIRLI	0.66	0.64	High	High	0.38	0.16	Medium	Low	0.39	0.15	Medium	Low
13	AHMETLI	0.63	0.65	High	High	0.42	0.27	Medium	Medium	0.41	0.27	Medium	Medium
14	AKCADAG	0.52	0.47	High	Medium	0.51	0.56	High	High	0.41	0.41	Medium	Medium
15	AKCAKALE	0.66	0.73	High	High	0.38	0.43	Medium	Medium	0.39	0.48	Medium	Medium
16	AKCAKENT	0.39	0.27	Medium	Medium	0.59	0.55	High	High	0.36	0.23	Medium	Low
17	AKCAKOCA	0.37	0.21	Medium	Low	0.54	0.55	High	High	0.31	0.18	Medium	Low
18	AKDAGMADENI	0.32	0.15	Medium	Low	0.54	0.56	High	High	0.26	0.13	Medium	Low
19	AKDENIZ	0.78	0.91	Very High	Very High	0.26	0.15	Medium	Low	0.31	0.20	Medium	Low
20	AKHISAR	0.52	0.52	High	High	0.44	0.29	Medium	Medium	0.35	0.23	Medium	Low
21	AKINCILAR	0.25	0.14	Medium	Low	0.55	0.59	High	High	0.21	0.13	Low	Low
22	AKKISLA	0.43	0.29	Medium	Medium	0.39	0.36	Medium	Medium	0.26	0.16	Medium	Low
23	AKKUS	0.25	0.05	Medium	Low	0.47	0.52	Medium	High	0.18	0.04	Low	Low
24	AKOREN	0.69	0.69	High	High	0.36	0.20	Medium	Low	0.38	0.22	Medium	Low
25	AKPINAR	0.42	0.30	Medium	Medium	0.59	0.54	High	High	0.38	0.25	Medium	Low
26	AKSARAY	0.60	0.58	High	High	0.58	0.55	High	High	0.54	0.49	High	Medium
27	AKSEHIR	0.59	0.64	High	High	0.48	0.32	Medium	Medium	0.43	0.32	Medium	Medium
28	AKSEKI	0.65	0.66	High	High	0.36	0.12	Medium	Low	0.36	0.13	Medium	Low
29	AKSU	0.78	0.81	Very High	Very High	0.31	0.20	Medium	Low	0.38	0.25	Medium	Medium
30	AKSU	0.59	0.63	High	High	0.56	0.32	High	Medium	0.51	0.31	High	Medium
31	AKYAZI	0.37	0.19	Medium	Low	0.54	0.50	High	High	0.30	0.14	Medium	Low
32	AKYURT	0.33	0.15	Medium	Low	0.25	0.21	Low	Low	0.12	0.05	Low	Low
33	ALACA	0.31	0.12	Medium	Low	0.50	0.54	High	High	0.24	0.10	Low	Low
34	ALACAKAYA	0.44	0.54	Medium	High	0.55	0.59	High	High	0.37	0.49	Medium	Medium
35	ALACAM	0.30	0.12	Medium	Low	0.33	0.29	Medium	Medium	0.15	0.05	Low	Low
36	ALADAG	0.74	0.74	High	High	0.39	0.44	Medium	Medium	0.45	0.50	Medium	High
37	ALANYA	0.69	0.79	High	Very High	0.40	0.24	Medium	Low	0.42	0.29	Medium	Medium
38	ALAPLI	0.35	0.18	Medium	Low	0.48	0.50	Medium	Medium	0.26	0.14	Medium	Low
39	ALASEHIR	0.70	0.71	High	High	0.42	0.27	Medium	Medium	0.45	0.29	Medium	Medium

40	ALIAGA	0.49	0.57	Medium	High	0.26	0.10	Medium	Low	0.20	0.09	Low	Low
41	ALMUS	0.27	0.08	Medium	Low	0.52	0.56	High	High	0.22	0.07	Low	Low
42	ALPU	0.38	0.30	Medium	Medium	0.52	0.48	High	Medium	0.31	0.23	Medium	Low
43	ALTIEYLUL	0.41	0.41	Medium	Medium	0.49	0.26	Medium	Medium	0.31	0.16	Medium	Low
44	ALTINDAG	0.35	0.21	Medium	Low	0.28	0.24	Medium	Low	0.15	0.08	Low	Low
45	ALTINEKIN	0.57	0.68	High	High	0.37	0.32	Medium	Medium	0.32	0.33	Medium	Medium
46	ALTINORDU	0.23	0.09	Low	Low	0.44	0.55	Medium	High	0.16	0.08	Low	Low
47	ALTINOVA	0.31	0.24	Medium	Low	0.68	0.49	High	Medium	0.33	0.18	Medium	Low
48	ALTINOZU	0.74	0.91	High	Very High	0.55	0.43	High	Medium	0.63	0.61	High	High
49	ALTINTAS	0.47	0.48	Medium	Medium	0.62	0.58	High	High	0.45	0.43	Medium	Medium
50	ALTINYAYLA	0.60	0.65	High	High	0.56	0.51	High	High	0.52	0.51	High	High
51	ALTINYAYLA	0.40	0.23	Medium	Low	0.54	0.52	High	High	0.33	0.18	Medium	Low
52	ALTUNHISAR	0.60	0.56	High	High	0.61	0.57	High	High	0.56	0.49	High	Medium
53	ALUCRA	0.17	0.06	Low	Low	0.55	0.61	High	High	0.14	0.06	Low	Low
54	AMASYA	0.31	0.11	Medium	Low	0.54	0.58	High	High	0.26	0.10	Medium	Low
55	ANAMUR	0.70	0.78	High	Very High	0.47	0.31	Medium	Medium	0.51	0.37	High	Medium
56	ANDIRIN	0.69	0.75	High	Very High	0.48	0.52	Medium	High	0.51	0.61	High	High
57	ANTAKYA	0.71	0.82	High	Very High	0.57	0.46	High	Medium	0.62	0.58	High	High
58	ARABAN	0.66	0.77	High	Very High	0.35	0.40	Medium	Medium	0.36	0.47	Medium	Medium
59	ARAC	0.29	0.04	Medium	Low	0.54	0.55	High	High	0.24	0.03	Low	Low
60	ARALIK	0.25	0.31	Low	Medium	0.65	0.64	High	High	0.25	0.30	Low	Medium
61	ARAPGIR	0.39	0.28	Medium	Medium	0.51	0.60	High	High	0.31	0.26	Medium	Medium
62	ARDAHAN	0.23	0.21	Low	Low	0.81	0.96	Very High	Very High	0.29	0.32	Medium	Medium
63	ARDANUC	0.24	0.19	Low	Low	0.59	0.63	High	High	0.21	0.18	Low	Low
64	ARDESEN	0.23	0.13	Low	Low	0.48	0.43	Medium	Medium	0.17	0.09	Low	Low
65	ARGUVAN	0.42	0.32	Medium	Medium	0.51	0.57	High	High	0.33	0.28	Medium	Medium
66	ARHAVI	0.22	0.13	Low	Low	0.53	0.41	High	Medium	0.18	0.08	Low	Low
67	ARICAK	0.34	0.48	Medium	Medium	0.57	0.61	High	High	0.30	0.45	Medium	Medium
68	ARIFIYE	0.37	0.22	Medium	Low	0.50	0.47	High	Medium	0.29	0.16	Medium	Low
69	ARMUTLU	0.35	0.32	Medium	Medium	0.98	0.80	Very High	Very High	0.52	0.40	High	Medium
70	ARNAVUTKOY	0.34	0.33	Medium	Medium	0.44	0.37	Medium	Medium	0.23	0.19	Low	Low
71	ARSUZ	0.59	0.69	High	High	0.56	0.47	High	Medium	0.51	0.51	High	High
72	ARTOVA	0.31	0.10	Medium	Low	0.51	0.55	High	High	0.24	0.08	Low	Low
73	ARTUKLU	0.57	0.74	High	High	0.36	0.34	Medium	Medium	0.32	0.38	Medium	Medium
74	ARTVIN	0.22	0.15	Low	Low	0.59	0.61	High	High	0.20	0.14	Low	Low
75	ASARCIK	0.29	0.09	Medium	Low	0.41	0.44	Medium	Medium	0.18	0.06	Low	Low
76	ASLANAPA	0.43	0.40	Medium	Medium	0.62	0.55	High	High	0.41	0.34	Medium	Medium
77	ATABEY	0.65	0.73	High	High	0.60	0.52	High	High	0.60	0.59	High	High
78	ATAKUM	0.29	0.11	Medium	Low	0.42	0.41	Medium	Medium	0.19	0.07	Low	Low
79	AVANOS	0.49	0.36	Medium	Medium	0.54	0.50	High	High	0.41	0.28	Medium	Medium
80	AYANCIK	0.30	0.10	Medium	Low	0.57	0.52	High	High	0.26	0.08	Medium	Low
81	AYAS	0.41	0.29	Medium	Medium	0.28	0.25	Medium	Low	0.18	0.11	Low	Low
82	AYBASTI	0.22	0.03	Low	Low	0.45	0.54	Medium	High	0.15	0.03	Low	Low
83	AYDINCIK	0.71	0.79	High	Very High	0.45	0.29	Medium	Medium	0.49	0.35	Medium	Medium
84	AYDINCIK	0.31	0.12	Medium	Low	0.53	0.57	High	High	0.26	0.11	Medium	Low

85	AYRANCI	0.67	0.67	High	High	0.53	0.48	High	Medium	0.55	0.50	High	High
86	AYVACIK	0.31	0.29	Medium	Medium	0.53	0.19	High	Low	0.25	0.09	Medium	Low
87	AYVACIK	0.29	0.08	Medium	Low	0.43	0.47	Medium	Medium	0.19	0.06	Low	Low
88	AYVALIK	0.42	0.46	Medium	Medium	0.46	0.12	Medium	Low	0.30	0.09	Medium	Low
89	AZIZIYE	0.18	0.16	Low	Low	0.49	0.59	Medium	High	0.14	0.14	Low	Low
90	BABADAG	0.75	0.83	Very High	Very High	0.54	0.54	High	High	0.63	0.69	High	High
91	BABAESKI	0.42	0.44	Medium	Medium	0.62	0.64	High	High	0.40	0.44	Medium	Medium
92	BAFRA	0.30	0.11	Medium	Low	0.39	0.35	Medium	Medium	0.18	0.06	Low	Low
93	BAGLAR	0.49	0.63	Medium	High	0.44	0.48	Medium	Medium	0.33	0.46	Medium	Medium
94	BAHCE	0.77	0.86	Very High	Very High	0.55	0.58	High	High	0.65	0.77	High	Very High
95	BAHCESARAY	0.09	0.25	Low	Low	0.67	0.71	High	High	0.09	0.27	Low	Medium
96	BAHSILI	0.45	0.31	Medium	Medium	0.38	0.33	Medium	Medium	0.26	0.16	Medium	Low
97	BAKLAN	0.72	0.82	High	Very High	0.52	0.51	High	High	0.57	0.65	High	High
98	BALA	0.46	0.37	Medium	Medium	0.22	0.18	Low	Low	0.16	0.10	Low	Low
99	BALCOVA	0.61	0.70	High	High	0.27	0.05	Medium	Low	0.25	0.05	Medium	Low
100	BALISEYH	0.34	0.20	Medium	Low	0.55	0.51	High	High	0.29	0.16	Medium	Low
101	BALYA	0.36	0.32	Medium	Medium	0.50	0.27	High	Medium	0.28	0.13	Medium	Low
102	BANAZ	0.53	0.52	High	High	0.65	0.63	High	High	0.53	0.50	High	High
103	BANDIRMA	0.35	0.34	Medium	Medium	0.50	0.28	Medium	Medium	0.27	0.15	Medium	Low
104	BARTIN	0.34	0.15	Medium	Low	0.59	0.63	High	High	0.31	0.15	Medium	Low
105	BASAKSEHIR	0.33	0.32	Medium	Medium	0.43	0.36	Medium	Medium	0.22	0.18	Low	Low
106	BASCIFTLIK	0.22	0.04	Low	Low	0.51	0.55	High	High	0.17	0.03	Low	Low
107	BASISKELE	0.34	0.21	Medium	Low	0.68	0.52	High	High	0.36	0.17	Medium	Low
108	BASKALE	0.11	0.23	Low	Low	0.35	0.32	Medium	Medium	0.06	0.11	Low	Low
109	BASKIL	0.43	0.42	Medium	Medium	0.55	0.60	High	High	0.37	0.39	Medium	Medium
110	BASMAKCI	0.73	0.86	High	Very High	0.60	0.60	High	High	0.68	0.79	High	Very High
111	BASYAYLA	0.68	0.69	High	High	0.68	0.51	High	High	0.71	0.55	High	High
112	BATMAN	0.42	0.63	Medium	High	0.54	0.58	High	High	0.35	0.56	Medium	High
113	BATTALGAZI	0.52	0.52	High	High	0.52	0.57	High	High	0.42	0.45	Medium	Medium
114	BAYAT	0.45	0.49	Medium	Medium	0.60	0.56	High	High	0.41	0.42	Medium	Medium
115	BAYAT	0.30	0.06	Medium	Low	0.51	0.47	High	Medium	0.24	0.04	Low	Low
116	BAYBURT	0.18	0.12	Low	Low	0.67	0.69	High	High	0.18	0.13	Low	Low
117	BAYINDIR	0.69	0.73	High	High	0.21	0.06	Low	Low	0.23	0.07	Low	Low
118	BAYKAN	0.37	0.55	Medium	High	0.65	0.69	High	High	0.37	0.58	Medium	High
119	BAYRAKLI	0.59	0.68	High	High	0.26	0.04	Medium	Low	0.24	0.04	Low	Low
120	BAYRAMIC	0.34	0.34	Medium	Medium	0.52	0.15	High	Low	0.27	0.08	Medium	Low
121	BAYRAMOREN	0.27	0.03	Medium	Low	0.63	0.64	High	High	0.27	0.03	Medium	Low
122	BEKILLI	0.70	0.75	High	High	0.60	0.60	High	High	0.65	0.69	High	High
123	BELEN	0.68	0.77	High	Very High	0.58	0.48	High	Medium	0.61	0.57	High	High
124	BERGAMA	0.44	0.50	Medium	High	0.30	0.08	Medium	Low	0.20	0.07	Low	Low
125	BESIKDUZU	0.17	0.07	Low	Low	0.41	0.51	Medium	High	0.11	0.06	Low	Low
126	BESIRI	0.42	0.61	Medium	High	0.56	0.60	High	High	0.36	0.56	Medium	High
127	BESNI	0.67	0.76	High	Very High	0.50	0.55	High	High	0.52	0.64	High	High
128	BEYAGAC	0.65	0.70	High	High	0.55	0.54	High	High	0.55	0.59	High	High
129	BEYDAG	0.75	0.75	High	High	0.22	0.07	Low	Low	0.26	0.08	Medium	Low

130	BEYLIKOVA	0.38	0.33	Medium	Medium	0.52	0.48	High	Medium	0.31	0.25	Medium	Low
131	BEYPAZARI	0.38	0.23	Medium	Low	0.29	0.25	Medium	Medium	0.17	0.09	Low	Low
132	BEYSEHIR	0.64	0.66	High	High	0.43	0.19	Medium	Low	0.42	0.19	Medium	Low
133	BEYTUSSEBAP	0.19	0.41	Low	Medium	0.56	0.60	High	High	0.16	0.38	Low	Medium
134	BIGA	0.37	0.37	Medium	Medium	0.57	0.40	High	Medium	0.32	0.23	Medium	Low
135	BIGADIC	0.41	0.40	Medium	Medium	0.51	0.28	High	Medium	0.32	0.17	Medium	Low
136	BILECIK	0.36	0.24	Medium	Low	0.68	0.64	High	High	0.38	0.23	Medium	Low
137	BINGOL	0.27	0.34	Medium	Medium	0.71	0.79	High	Very High	0.30	0.41	Medium	Medium
138	BIRECIK	0.65	0.70	High	High	0.42	0.46	Medium	Medium	0.42	0.50	Medium	High
139	BISMIL	0.46	0.65	Medium	High	0.42	0.46	Medium	Medium	0.30	0.46	Medium	Medium
140	BITLIS	0.15	0.32	Low	Medium	0.70	0.74	High	High	0.16	0.37	Low	Medium
141	BODRUM	0.65	0.71	High	High	0.56	0.49	High	Medium	0.56	0.54	High	High
142	BOGAZKALE	0.31	0.13	Medium	Low	0.51	0.47	High	Medium	0.25	0.09	Low	Low
143	BOGAZLIYAN	0.43	0.30	Medium	Medium	0.52	0.48	High	Medium	0.34	0.22	Medium	Low
144	BOLU	0.30	0.06	Medium	Low	0.58	0.58	High	High	0.27	0.06	Medium	Low
145	BOLVADIN	0.50	0.53	Medium	High	0.62	0.58	High	High	0.47	0.48	Medium	Medium
146	BOR	0.65	0.63	High	High	0.55	0.51	High	High	0.55	0.50	High	High
147	BORCKA	0.22	0.15	Low	Low	0.64	0.66	High	High	0.22	0.15	Low	Low
148	BORNOVA	0.59	0.67	High	High	0.28	0.09	Medium	Low	0.26	0.09	Medium	Low
149	BOYABAT	0.29	0.07	Medium	Low	0.61	0.56	High	High	0.27	0.06	Medium	Low
150	BOZDOGAN	0.75	0.82	Very High	Very High	0.57	0.56	High	High	0.66	0.71	High	High
151	BOZKIR	0.65	0.62	High	High	0.40	0.21	Medium	Low	0.40	0.21	Medium	Low
152	BOZKURT	0.71	0.83	High	Very High	0.53	0.53	High	High	0.58	0.67	High	High
153	BOZKURT	0.31	0.09	Medium	Low	0.49	0.44	Medium	Medium	0.24	0.06	Low	Low
154	BOZOVA	0.62	0.68	High	High	0.41	0.45	Medium	Medium	0.39	0.48	Medium	Medium
155	BOZTEPE	0.43	0.29	Medium	Medium	0.58	0.54	High	High	0.38	0.25	Medium	Low
156	BOZUYUK	0.34	0.21	Medium	Low	0.68	0.63	High	High	0.36	0.21	Medium	Low
157	BOZYAZI	0.72	0.78	High	Very High	0.45	0.29	Medium	Medium	0.50	0.35	High	Medium
158	BUCA	0.61	0.70	High	High	0.26	0.04	Medium	Low	0.25	0.05	Low	Low
159	BUCAK	0.68	0.78	High	Very High	0.62	0.50	High	High	0.65	0.61	High	High
160	BUHARKENT	0.75	0.80	Very High	Very High	0.56	0.55	High	High	0.65	0.68	High	High
161	BULANCAK	0.19	0.04	Low	Low	0.49	0.64	Medium	High	0.14	0.04	Low	Low
162	BULANIK	0.10	0.22	Low	Low	0.68	0.76	High	Very High	0.11	0.26	Low	Medium
163	BULDAN	0.76	0.78	Very High	Very High	0.50	0.41	Medium	Medium	0.58	0.50	High	High
164	BUNYAN	0.48	0.35	Medium	Medium	0.39	0.39	Medium	Medium	0.29	0.21	Medium	Low
165	BURDUR	0.73	0.86	High	Very High	0.61	0.54	High	High	0.68	0.72	High	High
166	BURHANIYE	0.35	0.40	Medium	Medium	0.47	0.13	Medium	Low	0.25	0.08	Medium	Low
167	BUYUKCEKMECE	0.34	0.33	Medium	Medium	0.42	0.35	Medium	Medium	0.22	0.18	Low	Low
168	BUYUKORHAN	0.35	0.32	Medium	Medium	0.37	0.14	Medium	Low	0.20	0.07	Low	Low
169	CAGLAYANCERIT	0.63	0.69	High	High	0.51	0.55	High	High	0.49	0.58	Medium	High
170	CAL	0.71	0.78	High	Very High	0.53	0.52	High	High	0.58	0.63	High	High
171	CAMARDI	0.57	0.46	High	Medium	0.57	0.61	High	High	0.50	0.43	High	Medium
172	CAMELI	0.64	0.69	High	High	0.54	0.52	High	High	0.53	0.55	High	High
173	CAMLIDERE	0.31	0.11	Medium	Low	0.48	0.44	Medium	Medium	0.23	0.07	Low	Low
174	CAMLIHEMSIN	0.19	0.10	Low	Low	0.48	0.46	Medium	Medium	0.14	0.07	Low	Low

175	CAMLIYAYLA	0.63	0.66	High	High	0.31	0.28	Medium	Medium	0.30	0.28	Medium	Medium
176	CAMOLUK	0.21	0.12	Low	Low	0.55	0.59	High	High	0.18	0.11	Low	Low
177	CAN	0.35	0.36	Medium	Medium	0.58	0.39	High	Medium	0.31	0.22	Medium	Low
178	CANAKCI	0.17	0.08	Low	Low	0.51	0.61	High	High	0.14	0.07	Low	Low
179	CANAKKALE	0.33	0.34	Medium	Medium	0.53	0.33	High	Medium	0.27	0.18	Medium	Low
180	CANDIR	0.39	0.25	Medium	Low	0.54	0.50	High	Medium	0.32	0.19	Medium	Low
181	CANIK	0.29	0.10	Medium	Low	0.41	0.42	Medium	Medium	0.19	0.06	Low	Low
182	CANKAYA	0.40	0.30	Medium	Medium	0.22	0.18	Low	Low	0.13	0.08	Low	Low
183	CANKIRI	0.30	0.10	Medium	Low	0.61	0.57	High	High	0.28	0.09	Medium	Low
184	CARDAK	0.71	0.84	High	Very High	0.56	0.56	High	High	0.62	0.72	High	High
185	CARSAMBA	0.31	0.13	Medium	Low	0.39	0.42	Medium	Medium	0.19	0.08	Low	Low
186	CATAK	0.11	0.27	Low	Medium	0.59	0.64	High	High	0.10	0.26	Low	Medium
187	CATALCA	0.34	0.33	Medium	Medium	0.50	0.44	High	Medium	0.26	0.23	Medium	Low
188	CATALZEYTIN	0.31	0.10	Medium	Low	0.50	0.46	High	Medium	0.24	0.07	Low	Low
189	CAVDARHISAR	0.44	0.39	Medium	Medium	0.62	0.39	High	Medium	0.42	0.24	Medium	Low
190	CAVDIR	0.63	0.70	High	High	0.68	0.64	High	High	0.65	0.69	High	High
191	CAY	0.56	0.60	High	High	0.63	0.60	High	High	0.55	0.56	High	High
192	CAYCUMA	0.34	0.14	Medium	Low	0.56	0.56	High	High	0.29	0.13	Medium	Low
193	CAYELI	0.20	0.13	Low	Low	0.54	0.59	High	High	0.17	0.12	Low	Low
194	CAYIRALAN	0.37	0.21	Medium	Low	0.55	0.51	High	High	0.31	0.16	Medium	Low
195	CAYIRLI	0.19	0.18	Low	Low	0.58	0.71	High	High	0.17	0.20	Low	Low
196	CAYIROVA	0.31	0.28	Medium	Medium	0.66	0.48	High	Medium	0.31	0.20	Medium	Low
197	CAYKARA	0.19	0.09	Low	Low	0.41	0.49	Medium	Medium	0.12	0.07	Low	Low
198	CEKEREK	0.32	0.14	Medium	Low	0.54	0.57	High	High	0.27	0.12	Medium	Low
199	CELEBI	0.45	0.35	Medium	Medium	0.55	0.51	High	High	0.38	0.27	Medium	Medium
200	CELIKHAN	0.48	0.49	Medium	Medium	0.58	0.62	High	High	0.43	0.47	Medium	Medium
201	CELTIK	0.49	0.54	Medium	High	0.46	0.43	Medium	Medium	0.35	0.36	Medium	Medium
202	CELTIKCI	0.69	0.80	High	Very High	0.65	0.53	High	High	0.69	0.65	High	High
203	CEMISGEZEK	0.36	0.24	Medium	Low	0.78	0.87	Very High	Very High	0.43	0.32	Medium	Medium
204	CERKES	0.26	0.04	Medium	Low	0.65	0.65	High	High	0.26	0.04	Medium	Low
205	CERKEZKOY	0.36	0.36	Medium	Medium	0.53	0.54	High	High	0.29	0.30	Medium	Medium
206	CERMIK	0.56	0.60	High	High	0.44	0.48	Medium	Medium	0.38	0.45	Medium	Medium
207	CESME	0.50	0.55	Medium	High	0.22	0.00	Low	Low	0.17	0.00	Low	Low
208	CEYHAN	0.87	1.00	Very High	Very High	0.35	0.38	Medium	Medium	0.47	0.58	Medium	High
209	CEYLANPINAR	0.62	0.71	High	High	0.25	0.22	Low	Low	0.24	0.24	Low	Low
210	CICEKDAGI	0.41	0.28	Medium	Medium	0.59	0.54	High	High	0.37	0.24	Medium	Low
211	CIDE	0.33	0.11	Medium	Low	0.48	0.45	Medium	Medium	0.25	0.08	Low	Low
212	CIFTELER	0.43	0.47	Medium	Medium	0.52	0.48	High	Medium	0.35	0.35	Medium	Medium
213	CIFTLIK	0.57	0.49	High	Medium	0.67	0.64	High	High	0.59	0.48	High	Medium
214	CIFTLIKKOY	0.31	0.24	Medium	Low	0.90	0.72	Very High	High	0.43	0.27	Medium	Medium
215	CIGLI	0.54	0.62	High	High	0.23	0.08	Low	Low	0.19	0.08	Low	Low
216	CIHANBEYLI	0.54	0.58	High	High	0.36	0.31	Medium	Medium	0.30	0.27	Medium	Medium
217	CILIMLI	0.38	0.21	Medium	Low	0.66	0.66	High	High	0.39	0.22	Medium	Low
218	CINAR	0.55	0.71	High	High	0.45	0.49	Medium	Medium	0.38	0.53	Medium	High
219	CINARCIK	0.33	0.23	Medium	Low	0.98	0.80	Very High	Very High	0.50	0.28	High	Medium

220	CINE	0.72	0.79	High	Very High	0.56	0.55	High	High	0.62	0.67	High	High
221	CIVRIL	0.66	0.75	High	Very High	0.55	0.54	High	High	0.55	0.63	High	High
222	CIZRE	0.50	0.72	High	High	0.50	0.54	Medium	High	0.39	0.59	Medium	High
223	COBANLAR	0.51	0.54	High	High	0.62	0.59	High	High	0.49	0.49	Medium	Medium
224	CORLU	0.34	0.34	Medium	Medium	0.73	0.68	High	High	0.39	0.36	Medium	Medium
225	CORUM	0.30	0.10	Medium	Low	0.50	0.52	High	High	0.23	0.08	Low	Low
226	CUBUK	0.29	0.11	Medium	Low	0.26	0.22	Medium	Low	0.12	0.04	Low	Low
227	CUKURCA	0.28	0.47	Medium	Medium	0.47	0.45	Medium	Medium	0.20	0.32	Low	Medium
228	CUKUROVA	0.87	0.93	Very High	Very High	0.29	0.31	Medium	Medium	0.38	0.44	Medium	Medium
229	CUMAYERI	0.38	0.20	Medium	Low	0.60	0.61	High	High	0.35	0.19	Medium	Low
230	CUMRA	0.73	0.76	High	Very High	0.33	0.20	Medium	Low	0.37	0.23	Medium	Low
231	CUNGUS	0.50	0.55	High	High	0.47	0.51	Medium	High	0.36	0.44	Medium	Medium
232	DALAMAN	0.73	0.79	High	Very High	0.53	0.46	High	Medium	0.59	0.56	High	High
233	DARENDE	0.48	0.40	Medium	Medium	0.52	0.56	High	High	0.38	0.35	Medium	Medium
234	DARGECIT	0.47	0.68	Medium	High	0.51	0.55	High	High	0.37	0.57	Medium	High
235	DARICA	0.31	0.28	Medium	Medium	0.65	0.46	High	Medium	0.31	0.20	Medium	Low
236	DATCA	0.64	0.72	High	High	0.57	0.50	High	Medium	0.56	0.55	High	High
237	DAZKIRI	0.75	0.88	High	Very High	0.60	0.60	High	High	0.69	0.81	High	Very High
238	DEFNE	0.65	0.82	High	Very High	0.57	0.45	High	Medium	0.58	0.57	High	High
239	DELICE	0.34	0.22	Medium	Low	0.55	0.50	High	High	0.29	0.17	Medium	Low
240	DEMIRCI	0.51	0.49	High	Medium	0.44	0.29	Medium	Medium	0.35	0.22	Medium	Low
241	DEMIRKOY	0.36	0.35	Medium	Medium	0.94	0.87	Very High	Very High	0.52	0.47	High	Medium
242	DEMRE	0.62	0.71	High	High	0.72	0.58	High	High	0.69	0.63	High	High
243	DERBENT	0.62	0.60	High	High	0.40	0.21	Medium	Low	0.38	0.19	Medium	Low
244	DEREBUCAK	0.55	0.57	High	High	0.45	0.20	Medium	Low	0.38	0.18	Medium	Low
245	DERECIK	0.42	0.56	Medium	High	0.46	0.44	Medium	Medium	0.30	0.38	Medium	Medium
246	DERELI	0.17	0.04	Low	Low	0.51	0.66	High	High	0.13	0.04	Low	Low
247	DEREPAZARI	0.25	0.21	Low	Low	0.56	0.61	High	High	0.21	0.20	Low	Low
248	DERIK	0.59	0.73	High	High	0.31	0.27	Medium	Medium	0.28	0.30	Medium	Medium
249	DERINCE	0.40	0.24	Medium	Low	0.68	0.50	High	Medium	0.42	0.19	Medium	Low
250	DERINKUYU	0.55	0.48	High	Medium	0.65	0.62	High	High	0.55	0.46	High	Medium
251	DEVELI	0.56	0.46	High	Medium	0.43	0.47	Medium	Medium	0.37	0.33	Medium	Medium
252	DEVREK	0.32	0.11	Medium	Low	0.51	0.51	High	High	0.25	0.09	Medium	Low
253	DEVREKANI	0.32	0.07	Medium	Low	0.45	0.41	Medium	Medium	0.22	0.04	Low	Low
254	DICLE	0.48	0.56	Medium	High	0.45	0.49	Medium	Medium	0.34	0.42	Medium	Medium
255	DIDIM	0.71	0.76	High	Very High	0.49	0.45	Medium	Medium	0.54	0.52	High	High
256	DIKILI	0.42	0.48	Medium	Medium	0.28	0.02	Medium	Low	0.19	0.01	Low	Low
257	DIKMEN	0.31	0.12	Medium	Low	0.55	0.50	High	High	0.26	0.09	Medium	Low
258	DILOVASI	0.36	0.24	Medium	Low	0.68	0.49	High	Medium	0.38	0.18	Medium	Low
259	DINAR	0.64	0.74	High	High	0.63	0.62	High	High	0.62	0.71	High	High
260	DIVRIGI	0.37	0.18	Medium	Low	0.56	0.69	High	High	0.32	0.19	Medium	Low
261	DIYADIN	0.12	0.22	Low	Low	0.64	0.69	High	High	0.12	0.23	Low	Low
262	DODURGA	0.31	0.08	Medium	Low	0.50	0.46	High	Medium	0.24	0.06	Low	Low
263	DOGANHISAR	0.59	0.60	High	High	0.48	0.41	Medium	Medium	0.44	0.37	Medium	Medium
264	DOGANKENT	0.20	0.11	Low	Low	0.52	0.62	High	High	0.16	0.10	Low	Low

265	DOGANSAR	0.26	0.04	Medium	Low	0.56	0.59	High	High	0.22	0.04	Low	Low
266	DOGANSEHIR	0.55	0.56	High	High	0.53	0.57	High	High	0.45	0.50	Medium	Medium
267	DOGANYOL	0.45	0.53	Medium	High	0.53	0.57	High	High	0.37	0.47	Medium	Medium
268	DOGANYURT	0.32	0.09	Medium	Low	0.49	0.44	Medium	Medium	0.25	0.06	Low	Low
269	DOGUBAYAZIT	0.16	0.24	Low	Low	0.62	0.60	High	High	0.15	0.22	Low	Low
270	DOMANIC	0.33	0.24	Medium	Low	0.63	0.40	High	Medium	0.32	0.15	Medium	Low
271	DORTDIVAN	0.27	0.05	Medium	Low	0.56	0.56	High	High	0.23	0.05	Low	Low
272	DORTYOL	0.65	0.71	High	High	0.57	0.48	High	Medium	0.58	0.53	High	High
273	DOSEMEALTI	0.72	0.80	High	Very High	0.38	0.26	Medium	Medium	0.42	0.31	Medium	Medium
274	DULKADIROGLU	0.68	0.75	High	High	0.48	0.52	Medium	High	0.51	0.60	High	High
275	DUMLUPINAR	0.50	0.53	High	High	0.62	0.59	High	High	0.48	0.48	Medium	Medium
276	DURAGAN	0.30	0.09	Medium	Low	0.60	0.56	High	High	0.28	0.08	Medium	Low
277	DURSUNBEY	0.36	0.34	Medium	Medium	0.51	0.28	High	Medium	0.28	0.15	Medium	Low
278	DUZCE	0.36	0.17	Medium	Low	0.66	0.66	High	High	0.36	0.17	Medium	Low
279	DUZICI	0.76	0.86	Very High	Very High	0.55	0.59	High	High	0.64	0.78	High	Very High
280	ECEABAT	0.33	0.41	Medium	Medium	0.86	0.79	Very High	Very High	0.44	0.50	Medium	High
281	EDIRNE	0.45	0.46	Medium	Medium	0.61	0.63	High	High	0.42	0.45	Medium	Medium
282	EDREMIT	0.33	0.34	Medium	Medium	0.51	0.18	High	Low	0.26	0.10	Medium	Low
283	EDREMIT	0.12	0.31	Low	Medium	0.45	0.52	Medium	High	0.08	0.25	Low	Low
284	EFELER	0.75	0.77	Very High	Very High	0.55	0.54	High	High	0.64	0.65	High	High
285	EFLANI	0.30	0.05	Medium	Low	0.55	0.55	High	High	0.25	0.04	Medium	Low
286	EGIL	0.48	0.59	Medium	High	0.42	0.46	Medium	Medium	0.31	0.42	Medium	Medium
287	EGIRDIR	0.64	0.71	High	High	0.69	0.58	High	High	0.68	0.63	High	High
288	EKINOZU	0.55	0.54	High	High	0.51	0.55	High	High	0.43	0.45	Medium	Medium
289	ELAZIG	0.41	0.44	Medium	Medium	0.59	0.66	High	High	0.38	0.44	Medium	Medium
290	ELBEYLI	0.76	0.79	Very High	Very High	0.64	0.52	High	High	0.75	0.64	Very High	High
291	ELBISTAN	0.50	0.44	High	Medium	0.49	0.53	Medium	High	0.38	0.37	Medium	Medium
292	ELDIVAN	0.27	0.08	Medium	Low	0.61	0.57	High	High	0.25	0.07	Medium	Low
293	ELMADAG	0.38	0.24	Medium	Low	0.17	0.12	Low	Low	0.10	0.05	Low	Low
294	ELMALI	0.53	0.56	High	High	0.43	0.29	Medium	Medium	0.35	0.25	Medium	Medium
295	EMET	0.40	0.34	Medium	Medium	0.62	0.39	High	Medium	0.38	0.20	Medium	Low
296	EMIRDAG	0.47	0.53	Medium	High	0.59	0.55	High	High	0.43	0.45	Medium	Medium
297	EMIRGAZI	0.66	0.70	High	High	0.56	0.53	High	High	0.57	0.57	High	High
298	ENEZ	0.36	0.41	Medium	Medium	0.82	0.78	Very High	Very High	0.46	0.50	Medium	Medium
299	ERBAA	0.29	0.09	Medium	Low	0.52	0.55	High	High	0.23	0.08	Low	Low
300	ERCIS	0.13	0.25	Low	Low	0.52	0.53	High	High	0.10	0.20	Low	Low
301	ERDEK	0.33	0.30	Medium	Medium	0.60	0.43	High	Medium	0.31	0.20	Medium	Low
302	ERDEMLI	0.63	0.64	High	High	0.36	0.23	Medium	Low	0.35	0.23	Medium	Low
303	EREGLI	0.68	0.71	High	High	0.36	0.31	Medium	Medium	0.38	0.34	Medium	Medium
304	EREGLI	0.35	0.17	Medium	Low	0.47	0.48	Medium	Medium	0.25	0.12	Medium	Low
305	ERENLER	0.38	0.23	Medium	Low	0.51	0.48	High	Medium	0.30	0.17	Medium	Low
306	ERFELEK	0.32	0.12	Medium	Low	0.56	0.51	High	High	0.27	0.10	Medium	Low
307	ERGANI	0.51	0.59	High	High	0.44	0.48	Medium	Medium	0.35	0.44	Medium	Medium
308	ERGENE	0.36	0.38	Medium	Medium	0.51	0.54	High	High	0.29	0.32	Medium	Medium
309	ERMENEK	0.70	0.73	High	High	0.67	0.50	High	High	0.73	0.56	High	High

310	ERUH	0.40	0.62	Medium	High	0.61	0.65	High	High	0.37	0.62	Medium	High
311	ERZIN	0.72	0.81	High	Very High	0.53	0.44	High	Medium	0.59	0.55	High	High
312	ERZINCAN	0.22	0.18	Low	Low	0.59	0.72	High	High	0.20	0.20	Low	Low
313	ESENYURT	0.34	0.33	Medium	Medium	0.43	0.36	Medium	Medium	0.23	0.19	Low	Low
314	ESKIL	0.61	0.66	High	High	0.60	0.56	High	High	0.56	0.57	High	High
315	ESKIPAZAR	0.27	0.04	Medium	Low	0.61	0.61	High	High	0.26	0.04	Medium	Low
316	ESME	0.65	0.66	High	High	0.58	0.50	High	High	0.59	0.51	High	High
317	ESPIYE	0.19	0.09	Low	Low	0.50	0.66	High	High	0.15	0.10	Low	Low
318	ETIMESGUT	0.43	0.33	Medium	Medium	0.28	0.24	Medium	Low	0.18	0.12	Low	Low
319	EVCILER	0.69	0.82	High	Very High	0.58	0.58	High	High	0.62	0.73	High	High
320	EVREN	0.48	0.41	Medium	Medium	0.15	0.11	Low	Low	0.11	0.07	Low	Low
321	EYNESIL	0.17	0.07	Low	Low	0.48	0.58	Medium	High	0.13	0.06	Low	Low
322	EYUPSULTAN	0.32	0.31	Medium	Medium	0.45	0.38	Medium	Medium	0.22	0.18	Low	Low
323	EYYUBIYE	0.64	0.72	High	High	0.39	0.43	Medium	Medium	0.38	0.48	Medium	Medium
324	EZINE	0.31	0.30	Medium	Medium	0.50	0.13	Medium	Low	0.24	0.06	Low	Low
325	FEKE	0.69	0.66	High	High	0.41	0.46	Medium	Medium	0.44	0.46	Medium	Medium
326	FELAHIYE	0.41	0.28	Medium	Medium	0.38	0.34	Medium	Medium	0.24	0.15	Low	Low
327	FETHIYE	0.73	0.76	High	Very High	0.52	0.42	High	Medium	0.59	0.49	High	Medium
328	FINDIKLI	0.21	0.11	Low	Low	0.45	0.30	Medium	Medium	0.15	0.05	Low	Low
329	FINIKE	0.62	0.71	High	High	0.52	0.37	High	Medium	0.49	0.40	Medium	Medium
330	FOCA	0.54	0.64	High	High	0.24	0.09	Low	Low	0.20	0.09	Low	Low
331	GAZIEMIR	0.61	0.70	High	High	0.25	0.03	Low	Low	0.23	0.03	Low	Low
332	GAZIPASA	0.69	0.80	High	Very High	0.40	0.24	Medium	Low	0.43	0.29	Medium	Medium
333	GEBZE	0.34	0.26	Medium	Medium	0.68	0.50	High	Medium	0.36	0.20	Medium	Low
334	GEDIZ	0.48	0.44	Medium	Medium	0.58	0.41	High	Medium	0.43	0.28	Medium	Medium
335	GELENDOST	0.67	0.72	High	High	0.70	0.61	High	High	0.72	0.68	High	High
336	GELIBOLU	0.37	0.39	Medium	Medium	0.87	0.80	Very High	Very High	0.49	0.48	Medium	Medium
337	GEMEREK	0.39	0.25	Medium	Medium	0.53	0.49	High	Medium	0.32	0.19	Medium	Low
338	GEMLIK	0.32	0.26	Medium	Medium	0.62	0.41	High	Medium	0.31	0.17	Medium	Low
339	GENC	0.31	0.44	Medium	Medium	0.69	0.75	High	High	0.33	0.51	Medium	High
340	GERCUS	0.48	0.68	Medium	High	0.55	0.59	High	High	0.41	0.62	Medium	High
341	GEREDE	0.26	0.05	Medium	Low	0.56	0.56	High	High	0.22	0.04	Low	Low
342	GERGER	0.57	0.61	High	High	0.56	0.61	High	High	0.49	0.57	Medium	High
343	GERMENCIK	0.72	0.74	High	High	0.50	0.49	High	Medium	0.56	0.56	High	High
344	GERZE	0.32	0.13	Medium	Low	0.55	0.51	High	High	0.27	0.10	Medium	Low
345	GEVAS	0.11	0.28	Low	Medium	0.63	0.80	High	Very High	0.11	0.34	Low	Medium
346	GEYVE	0.38	0.23	Medium	Low	0.54	0.50	High	High	0.32	0.18	Medium	Low
347	GIRESUN	0.20	0.08	Low	Low	0.50	0.66	High	High	0.15	0.08	Low	Low
348	GOKCEADA	0.33	0.37	Medium	Medium	0.51	0.48	High	Medium	0.26	0.28	Medium	Medium
349	GOKCEBEY	0.33	0.13	Medium	Low	0.51	0.52	High	High	0.26	0.10	Medium	Low
350	GOKSUN	0.55	0.49	High	Medium	0.50	0.54	Medium	High	0.42	0.40	Medium	Medium
351	GOLBASI	0.65	0.72	High	High	0.56	0.61	High	High	0.57	0.67	High	High
352	GOLBASI	0.43	0.34	Medium	Medium	0.25	0.21	Medium	Low	0.17	0.11	Low	Low
353	GOLCUK	0.34	0.22	Medium	Low	0.70	0.52	High	High	0.36	0.17	Medium	Low
354	GOLE	0.24	0.21	Low	Low	0.81	0.95	Very High	Very High	0.29	0.32	Medium	Medium

355	GOLHISAR	0.64	0.70	High	High	0.66	0.64	High	High	0.65	0.69	High	High
356	GOLKOY	0.23	0.05	Low	Low	0.44	0.54	Medium	High	0.15	0.04	Low	Low
357	GOLMARMARA	0.63	0.64	High	High	0.42	0.27	Medium	Medium	0.41	0.27	Medium	Medium
358	GOLOVA	0.22	0.11	Low	Low	0.55	0.59	High	High	0.19	0.10	Low	Low
359	GOLPAZARI	0.38	0.25	Medium	Low	0.68	0.64	High	High	0.40	0.24	Medium	Low
360	GOMEC	0.42	0.46	Medium	Medium	0.46	0.12	Medium	Low	0.30	0.09	Medium	Low
361	GONEN	0.35	0.32	Medium	Medium	0.56	0.37	High	Medium	0.30	0.18	Medium	Low
362	GONEN	0.72	0.82	High	Very High	0.57	0.51	High	High	0.63	0.65	High	High
363	GORDES	0.51	0.49	High	Medium	0.44	0.29	Medium	Medium	0.35	0.22	Medium	Low
364	GORELE	0.18	0.09	Low	Low	0.51	0.61	High	High	0.15	0.08	Low	Low
365	GOYNUCEK	0.32	0.13	Medium	Low	0.54	0.58	High	High	0.27	0.12	Medium	Low
366	GOYNUK	0.36	0.20	Medium	Low	0.63	0.60	High	High	0.36	0.19	Medium	Low
367	GUCE	0.17	0.06	Low	Low	0.51	0.66	High	High	0.13	0.06	Low	Low
368	GUCLUKONAK	0.47	0.68	Medium	High	0.51	0.55	High	High	0.37	0.58	Medium	High
369	GUDUL	0.37	0.21	Medium	Low	0.29	0.25	Medium	Medium	0.16	0.08	Low	Low
370	GULAGAC	0.58	0.53	High	High	0.64	0.61	High	High	0.58	0.50	High	Medium
371	GULNAR	0.71	0.79	High	Very High	0.47	0.31	Medium	Medium	0.52	0.37	High	Medium
372	GULSEHIR	0.52	0.44	High	Medium	0.56	0.51	High	High	0.45	0.35	Medium	Medium
373	GULYALI	0.20	0.06	Low	Low	0.44	0.59	Medium	High	0.14	0.06	Low	Low
374	GUMUSHACIKOY	0.31	0.07	Medium	Low	0.54	0.53	High	High	0.26	0.05	Medium	Low
375	GUNDOGMUS	0.66	0.65	High	High	0.39	0.21	Medium	Low	0.40	0.21	Medium	Low
376	GUNEY	0.73	0.77	High	Very High	0.52	0.49	High	Medium	0.58	0.59	High	High
377	GUNEYSINIR	0.66	0.67	High	High	0.51	0.39	High	Medium	0.52	0.40	High	Medium
378	GUNEYSU	0.20	0.14	Low	Low	0.54	0.59	High	High	0.17	0.12	Low	Low
379	GUNYUZU	0.46	0.48	Medium	Medium	0.51	0.48	High	Medium	0.36	0.35	Medium	Medium
380	GURPINAR	0.10	0.24	Low	Low	0.51	0.56	High	High	0.08	0.20	Low	Low
381	GURSU	0.30	0.24	Medium	Low	0.40	0.17	Medium	Low	0.18	0.06	Low	Low
382	GURUN	0.45	0.31	Medium	Medium	0.58	0.63	High	High	0.40	0.29	Medium	Medium
383	GUZELBAHCE	0.51	0.59	High	High	0.27	0.04	Medium	Low	0.21	0.04	Low	Low
384	GUZELYURT	0.58	0.53	High	High	0.66	0.63	High	High	0.59	0.51	High	High
385	HACIBEKTAS	0.48	0.35	Medium	Medium	0.56	0.52	High	High	0.42	0.28	Medium	Medium
386	HACILAR	0.49	0.35	Medium	Medium	0.40	0.37	Medium	Medium	0.30	0.20	Medium	Low
387	HADIM	0.66	0.63	High	High	0.50	0.33	Medium	Medium	0.51	0.32	High	Medium
388	HAFIK	0.30	0.09	Medium	Low	0.55	0.52	High	High	0.26	0.07	Medium	Low
389	HAKKARI	0.17	0.36	Low	Medium	0.47	0.45	Medium	Medium	0.13	0.25	Low	Medium
390	HALFETI	0.65	0.72	High	High	0.41	0.46	Medium	Medium	0.42	0.51	Medium	High
391	HALILIYE	0.62	0.71	High	High	0.39	0.43	Medium	Medium	0.37	0.47	Medium	Medium
392	HALKAPINAR	0.58	0.54	High	High	0.38	0.33	Medium	Medium	0.34	0.28	Medium	Medium
393	HAMAMOZU	0.31	0.07	Medium	Low	0.53	0.51	High	High	0.25	0.05	Medium	Low
394	HAMUR	0.12	0.22	Low	Low	0.67	0.75	High	High	0.13	0.25	Low	Low
395	HAN	0.42	0.46	Medium	Medium	0.55	0.51	High	High	0.36	0.36	Medium	Medium
396	HANI	0.44	0.55	Medium	High	0.50	0.54	Medium	High	0.33	0.46	Medium	Medium
397	HANONU	0.29	0.06	Medium	Low	0.54	0.50	High	High	0.24	0.05	Low	Low
398	HARMANCIK	0.36	0.32	Medium	Medium	0.37	0.14	Medium	Low	0.20	0.07	Low	Low
399	HARRAN	0.64	0.71	High	High	0.39	0.43	Medium	Medium	0.38	0.47	Medium	Medium

400	HASANBEYLI	0.80	0.89	Very High	Very High	0.50	0.53	High	High	0.61	0.72	High	High
401	HASANKEYF	0.47	0.67	Medium	High	0.57	0.61	High	High	0.41	0.63	Medium	High
402	HASKOY	0.14	0.33	Low	Medium	0.70	0.77	High	Very High	0.15	0.39	Low	Medium
403	HASSA	0.77	0.86	Very High	Very High	0.56	0.45	High	Medium	0.67	0.59	High	High
404	HAVRAN	0.36	0.39	Medium	Medium	0.50	0.19	High	Low	0.28	0.11	Medium	Low
405	HAVSA	0.43	0.44	Medium	Medium	0.62	0.65	High	High	0.41	0.44	Medium	Medium
406	HAVZA	0.30	0.08	Medium	Low	0.39	0.37	Medium	Medium	0.18	0.05	Low	Low
407	HAYMANA	0.44	0.41	Medium	Medium	0.27	0.23	Medium	Low	0.18	0.14	Low	Low
408	HAYRABOLU	0.41	0.42	Medium	Medium	0.49	0.51	Medium	High	0.31	0.33	Medium	Medium
409	HAYRAT	0.21	0.15	Low	Low	0.42	0.50	Medium	Medium	0.14	0.11	Low	Low
410	HAZRO	0.43	0.58	Medium	High	0.44	0.48	Medium	Medium	0.29	0.42	Medium	Medium
411	HEKIMHAN	0.42	0.30	Medium	Medium	0.53	0.58	High	High	0.34	0.27	Medium	Medium
412	HEMSIN	0.21	0.14	Low	Low	0.53	0.58	High	High	0.17	0.12	Low	Low
413	HILVAN	0.56	0.68	High	High	0.41	0.45	Medium	Medium	0.35	0.47	Medium	Medium
414	HISARCIK	0.44	0.39	Medium	Medium	0.62	0.39	High	Medium	0.41	0.24	Medium	Low
415	HIZAN	0.14	0.33	Low	Medium	0.71	0.80	High	Very High	0.15	0.41	Low	Medium
416	HOCALAR	0.57	0.61	High	High	0.63	0.62	High	High	0.55	0.59	High	High
417	HONAZ	0.70	0.80	High	Very High	0.53	0.53	High	High	0.57	0.65	High	High
418	HOPA	0.25	0.18	Medium	Low	0.54	0.40	High	Medium	0.21	0.11	Low	Low
419	HOZAT	0.33	0.21	Medium	Low	0.82	0.89	Very High	Very High	0.41	0.29	Medium	Medium
420	HUYUK	0.64	0.67	High	High	0.45	0.21	Medium	Low	0.44	0.22	Medium	Low
421	IBRADI	0.60	0.61	High	High	0.34	0.10	Medium	Low	0.32	0.10	Medium	Low
422	IDIL	0.52	0.72	High	High	0.42	0.43	Medium	Medium	0.34	0.48	Medium	Medium
423	IGDIR	0.25	0.35	Low	Medium	0.66	0.64	High	High	0.25	0.34	Medium	Medium
424	IHSANGAZI	0.28	0.00	Medium	Low	0.54	0.55	High	High	0.23	0.00	Low	Low
425	IHSANIYE	0.46	0.47	Medium	Medium	0.61	0.58	High	High	0.43	0.42	Medium	Medium
426	IKIZCE	0.27	0.09	Medium	Low	0.45	0.50	Medium	Medium	0.18	0.07	Low	Low
427	IKIZDERE	0.18	0.10	Low	Low	0.49	0.57	Medium	High	0.14	0.09	Low	Low
428	ILGAZ	0.27	0.01	Medium	Low	0.61	0.57	High	High	0.25	0.01	Medium	Low
429	ILGIN	0.60	0.63	High	High	0.44	0.40	Medium	Medium	0.41	0.39	Medium	Medium
430	ILIC	0.32	0.16	Medium	Low	0.58	0.70	High	High	0.29	0.17	Medium	Low
431	ILKADIM	0.29	0.10	Medium	Low	0.40	0.40	Medium	Medium	0.18	0.06	Low	Low
432	IMAMOGLU	0.89	0.96	Very High	Very High	0.32	0.36	Medium	Medium	0.44	0.53	Medium	High
433	IMRANLI	0.28	0.11	Medium	Low	0.56	0.58	High	High	0.24	0.10	Low	Low
434	INCESU	0.50	0.39	High	Medium	0.40	0.38	Medium	Medium	0.31	0.23	Medium	Low
435	INCIRLIOVA	0.73	0.75	High	Very High	0.53	0.53	High	High	0.60	0.61	High	High
436	INEBOLU	0.31	0.08	Medium	Low	0.49	0.44	Medium	Medium	0.24	0.06	Low	Low
437	INEGOL	0.33	0.24	Medium	Low	0.43	0.38	Medium	Medium	0.22	0.14	Low	Low
438	INHISAR	0.38	0.27	Medium	Medium	0.67	0.63	High	High	0.40	0.26	Medium	Medium
439	INONU	0.37	0.25	Medium	Low	0.55	0.51	High	High	0.31	0.20	Medium	Low
440	IPEKYOLU	0.09	0.24	Low	Low	0.44	0.49	Medium	Medium	0.06	0.18	Low	Low
441	IPSALA	0.37	0.40	Medium	Medium	0.61	0.63	High	High	0.35	0.39	Medium	Medium
442	ISCEHISAR	0.46	0.50	Medium	Medium	0.61	0.58	High	High	0.44	0.45	Medium	Medium
443	ISKENDERUN	0.74	0.89	High	Very High	0.58	0.49	High	Medium	0.66	0.67	High	High
444	ISKILIP	0.29	0.06	Medium	Low	0.51	0.47	High	Medium	0.23	0.04	Low	Low

445	ISLAHIYE	0.82	0.91	Very High	Very High	0.53	0.41	High	Medium	0.67	0.58	High	High
446	ISPARTA	0.67	0.77	High	Very High	0.57	0.48	High	Medium	0.59	0.57	High	High
447	ISPIR	0.18	0.11	Low	Low	0.44	0.46	Medium	Medium	0.12	0.08	Low	Low
448	IVRINDI	0.37	0.39	Medium	Medium	0.49	0.26	Medium	Medium	0.28	0.15	Medium	Low
449	IYIDERE	0.25	0.21	Low	Low	0.54	0.59	High	High	0.21	0.20	Low	Low
450	IZMIT	0.41	0.26	Medium	Medium	0.62	0.46	High	Medium	0.39	0.18	Medium	Low
451	IZNIK	0.35	0.25	Medium	Low	0.64	0.40	High	Medium	0.34	0.15	Medium	Low
452	KABADUZ	0.21	0.04	Low	Low	0.44	0.55	Medium	High	0.14	0.04	Low	Low
453	KADINHANI	0.57	0.63	High	High	0.44	0.40	Medium	Medium	0.39	0.39	Medium	Medium
454	KADIRLI	0.82	0.88	Very High	Very High	0.52	0.55	High	High	0.65	0.76	High	Very High
455	KADISEHRI	0.32	0.14	Medium	Low	0.53	0.57	High	High	0.27	0.12	Medium	Low
456	KAHRAMANKAZAN	0.37	0.19	Medium	Low	0.29	0.25	Medium	Medium	0.16	0.08	Low	Low
457	KAHTA	0.58	0.65	High	High	0.53	0.57	High	High	0.48	0.57	Medium	High
458	KALE	0.72	0.80	High	Very High	0.54	0.54	High	High	0.60	0.66	High	High
459	KALE	0.48	0.52	Medium	High	0.53	0.58	High	High	0.39	0.46	Medium	Medium
460	KALECIK	0.32	0.17	Medium	Low	0.17	0.13	Low	Low	0.08	0.03	Low	Low
461	KALKANDERE	0.23	0.19	Low	Low	0.54	0.62	High	High	0.20	0.18	Low	Low
462	KAMAN	0.44	0.34	Medium	Medium	0.58	0.54	High	High	0.40	0.28	Medium	Medium
463	KANDIRA	0.39	0.28	Medium	Medium	0.67	0.49	High	Medium	0.40	0.22	Medium	Low
464	KANGAL	0.40	0.21	Medium	Low	0.57	0.65	High	High	0.35	0.21	Medium	Low
465	KAPAKLI	0.37	0.37	Medium	Medium	0.50	0.52	High	High	0.28	0.30	Medium	Medium
466	KARABAGLAR	0.58	0.67	High	High	0.28	0.06	Medium	Low	0.25	0.06	Medium	Low
467	KARABUK	0.30	0.07	Medium	Low	0.60	0.60	High	High	0.28	0.06	Medium	Low
468	KARABURUN	0.41	0.47	Medium	Medium	0.27	0.04	Medium	Low	0.17	0.03	Low	Low
469	KARACABEY	0.35	0.34	Medium	Medium	0.37	0.15	Medium	Low	0.20	0.08	Low	Low
470	KARACASU	0.74	0.81	High	Very High	0.56	0.56	High	High	0.64	0.70	High	High
471	KARAHALLI	0.69	0.74	High	High	0.63	0.63	High	High	0.67	0.71	High	High
472	KARAISALI	0.83	0.90	Very High	Very High	0.36	0.41	Medium	Medium	0.46	0.56	Medium	High
473	KARAKECILI	0.46	0.33	Medium	Medium	0.55	0.50	High	High	0.39	0.26	Medium	Medium
474	KARAKOCAN	0.33	0.33	Medium	Medium	0.62	0.70	High	High	0.31	0.35	Medium	Medium
475	KARAKOPRU	0.61	0.70	High	High	0.41	0.45	Medium	Medium	0.39	0.49	Medium	Medium
476	KARAKOYUNLU	0.28	0.37	Medium	Medium	0.64	0.62	High	High	0.27	0.35	Medium	Medium
477	KARAMAN	0.72	0.73	High	High	0.58	0.50	High	Medium	0.64	0.56	High	High
478	KARAMANLI	0.68	0.82	High	Very High	0.62	0.58	High	High	0.65	0.73	High	High
479	KARAMURSEL	0.32	0.23	Medium	Low	0.68	0.49	High	Medium	0.34	0.18	Medium	Low
480	KARAPINAR	0.70	0.77	High	Very High	0.37	0.30	Medium	Medium	0.40	0.35	Medium	Medium
481	KARAPURCEK	0.37	0.21	Medium	Low	0.54	0.50	High	Medium	0.31	0.16	Medium	Low
482	KARATAS	0.76	0.91	Very High	Very High	0.30	0.35	Medium	Medium	0.35	0.48	Medium	Medium
483	KARATAY	0.66	0.74	High	High	0.38	0.29	Medium	Medium	0.39	0.32	Medium	Medium
484	KARESI	0.38	0.32	Medium	Medium	0.49	0.26	Medium	Medium	0.28	0.13	Medium	Low
485	KARGI	0.28	0.05	Medium	Low	0.52	0.48	High	Medium	0.23	0.04	Low	Low
486	KARKAMIS	0.65	0.70	High	High	0.32	0.36	Medium	Medium	0.32	0.39	Medium	Medium
487	KARLIOVA	0.14	0.20	Low	Low	0.72	0.80	High	Very High	0.16	0.25	Low	Low
488	KARPUZLU	0.71	0.77	High	Very High	0.55	0.54	High	High	0.60	0.65	High	High
489	KARSIYAKA	0.55	0.63	High	High	0.29	0.08	Medium	Low	0.24	0.07	Low	Low

490	KARTEPE	0.35	0.19	Medium	Low	0.61	0.47	High	Medium	0.33	0.14	Medium	Low
491	KAS	0.58	0.60	High	High	0.60	0.47	High	Medium	0.54	0.44	High	Medium
492	KASTAMONU	0.30	0.04	Medium	Low	0.53	0.49	High	Medium	0.24	0.03	Low	Low
493	KAVAK	0.28	0.08	Medium	Low	0.39	0.39	Medium	Medium	0.17	0.05	Low	Low
494	KAVAKLIDERE	0.67	0.74	High	High	0.56	0.56	High	High	0.58	0.63	High	High
495	KAYAPINAR	0.50	0.61	Medium	High	0.42	0.46	Medium	Medium	0.32	0.44	Medium	Medium
496	KAYNASLI	0.35	0.12	Medium	Low	0.66	0.67	High	High	0.36	0.12	Medium	Low
497	KAZIMKARABEKIR	0.72	0.73	High	High	0.53	0.48	High	Medium	0.59	0.54	High	High
498	KEBAN	0.41	0.37	Medium	Medium	0.55	0.60	High	High	0.35	0.34	Medium	Medium
499	KECIBORLU	0.72	0.84	High	Very High	0.58	0.56	High	High	0.65	0.73	High	High
500	KECIOREN	0.33	0.19	Medium	Low	0.28	0.25	Medium	Low	0.14	0.07	Low	Low
501	KELES	0.30	0.21	Medium	Low	0.40	0.17	Medium	Low	0.18	0.06	Low	Low
502	KELKIT	0.20	0.17	Low	Low	0.66	0.70	High	High	0.21	0.18	Low	Low
503	KEMAH	0.25	0.14	Low	Low	0.60	0.72	High	High	0.23	0.16	Low	Low
504	KEMALIYE	0.35	0.19	Medium	Low	0.60	0.73	High	High	0.33	0.21	Medium	Low
505	KEMALPASA	0.63	0.69	High	High	0.28	0.12	Medium	Low	0.27	0.13	Medium	Low
506	KEMALPASA	0.24	0.18	Low	Low	0.55	0.41	High	Medium	0.21	0.11	Low	Low
507	KEMER	0.60	0.69	High	High	0.48	0.26	Medium	Medium	0.44	0.27	Medium	Medium
508	KEMER	0.65	0.77	High	Very High	0.62	0.57	High	High	0.62	0.68	High	High
509	KEPEZ	0.76	0.81	Very High	Very High	0.33	0.17	Medium	Low	0.39	0.21	Medium	Low
510	KEPSUT	0.37	0.35	Medium	Medium	0.50	0.27	High	Medium	0.29	0.15	Medium	Low
511	KESAN	0.37	0.38	Medium	Medium	0.68	0.68	High	High	0.39	0.40	Medium	Medium
512	KESAP	0.19	0.09	Low	Low	0.51	0.66	High	High	0.15	0.10	Low	Low
513	KESKIN	0.42	0.29	Medium	Medium	0.55	0.51	High	High	0.35	0.23	Medium	Low
514	KESTEL	0.28	0.22	Medium	Low	0.39	0.23	Medium	Low	0.17	0.08	Low	Low
515	KIBRISCIK	0.33	0.09	Medium	Low	0.64	0.60	High	High	0.32	0.09	Medium	Low
516	KIGI	0.22	0.23	Low	Low	0.73	0.81	High	Very High	0.24	0.28	Low	Medium
517	KILIS	0.80	0.90	Very High	Very High	0.78	0.66	Very High	High	0.96	0.92	Very High	Very High
518	KINIK	0.49	0.55	Medium	High	0.31	0.13	Medium	Low	0.24	0.11	Low	Low
519	KIRAZ	0.70	0.71	High	High	0.25	0.10	Medium	Low	0.27	0.11	Medium	Low
520	KIRIKHAN	0.79	0.93	Very High	Very High	0.55	0.43	High	Medium	0.67	0.61	High	High
521	KIRIKKALE	0.38	0.24	Medium	Low	0.42	0.37	Medium	Medium	0.25	0.14	Low	Low
522	KIRKAGAC	0.46	0.47	Medium	Medium	0.46	0.27	Medium	Medium	0.33	0.20	Medium	Low
523	KIRKLARELI	0.37	0.39	Medium	Medium	0.67	0.69	High	High	0.38	0.42	Medium	Medium
524	KIRSEHIR	0.46	0.36	Medium	Medium	0.58	0.53	High	High	0.41	0.29	Medium	Medium
525	KIZILCAHAMAM	0.30	0.10	Medium	Low	0.31	0.28	Medium	Medium	0.14	0.04	Low	Low
526	KIZILIRMAK	0.32	0.17	Medium	Low	0.62	0.58	High	High	0.30	0.15	Medium	Low
527	KIZILOREN	0.62	0.74	High	High	0.61	0.61	High	High	0.59	0.69	High	High
528	KIZILTEPE	0.59	0.73	High	High	0.27	0.22	Medium	Low	0.25	0.25	Low	Medium
529	KOCAALI	0.38	0.20	Medium	Low	0.57	0.58	High	High	0.33	0.18	Medium	Low
530	KOCAKOY	0.44	0.59	Medium	High	0.43	0.47	Medium	Medium	0.29	0.42	Medium	Medium
531	KOCARLI	0.69	0.74	High	High	0.54	0.54	High	High	0.58	0.61	High	High
532	KOCASINAN	0.50	0.37	High	Medium	0.37	0.32	Medium	Medium	0.28	0.18	Medium	Low
533	KOFCAZ	0.37	0.39	Medium	Medium	0.71	0.84	High	Very High	0.41	0.50	Medium	High
534	KONAK	0.61	0.70	High	High	0.25	0.03	Medium	Low	0.24	0.03	Low	Low

535	KONYAALTI	0.63	0.66	High	High	0.40	0.26	Medium	Medium	0.39	0.26	Medium	Medium
536	KOPRUBASI	0.58	0.57	High	High	0.42	0.27	Medium	Medium	0.38	0.24	Medium	Low
537	KOPRUBASI	0.21	0.14	Low	Low	0.41	0.49	Medium	Medium	0.14	0.10	Low	Low
538	KORFEZ	0.38	0.24	Medium	Low	0.68	0.50	High	Medium	0.40	0.19	Medium	Low
539	KORGAN	0.24	0.06	Low	Low	0.45	0.54	Medium	High	0.17	0.05	Low	Low
540	KORGUN	0.24	0.03	Low	Low	0.61	0.57	High	High	0.23	0.02	Low	Low
541	KORKUT	0.11	0.26	Low	Medium	0.69	0.77	High	Very High	0.12	0.31	Low	Medium
542	KORKUTELI	0.58	0.66	High	High	0.40	0.28	Medium	Medium	0.36	0.29	Medium	Medium
543	KOSK	0.80	0.81	Very High	Very High	0.56	0.55	High	High	0.69	0.69	High	High
544	KOVANCILAR	0.37	0.43	Medium	Medium	0.62	0.70	High	High	0.35	0.46	Medium	Medium
545	KOYCEGIZ	0.70	0.75	High	High	0.56	0.53	High	High	0.60	0.61	High	High
546	KOYULHISAR	0.22	0.05	Low	Low	0.52	0.58	High	High	0.18	0.04	Low	Low
547	KOZAKLI	0.45	0.31	Medium	Medium	0.56	0.52	High	High	0.39	0.25	Medium	Low
548	KOZAN	0.83	0.86	Very High	Very High	0.37	0.41	Medium	Medium	0.47	0.55	Medium	High
549	KOZLUK	0.36	0.52	Medium	High	0.57	0.61	High	High	0.32	0.49	Medium	Medium
550	KULA	0.65	0.65	High	High	0.43	0.28	Medium	Medium	0.43	0.28	Medium	Medium
551	KULP	0.28	0.44	Medium	Medium	0.49	0.53	Medium	High	0.21	0.37	Low	Medium
552	KULU	0.51	0.47	High	Medium	0.32	0.27	Medium	Medium	0.25	0.19	Low	Low
553	KULUNCAK	0.43	0.31	Medium	Medium	0.54	0.58	High	High	0.36	0.28	Medium	Medium
554	KUMLU	0.85	0.97	Very High	Very High	0.53	0.41	High	Medium	0.70	0.62	High	High
555	KUMLUCA	0.61	0.68	High	High	0.46	0.25	Medium	Medium	0.43	0.26	Medium	Medium
556	KUMRU	0.25	0.07	Low	Low	0.47	0.52	Medium	High	0.18	0.06	Low	Low
557	KURE	0.31	0.08	Medium	Low	0.47	0.42	Medium	Medium	0.23	0.05	Low	Low
558	KURSUNLU	0.25	0.02	Medium	Low	0.62	0.58	High	High	0.24	0.01	Low	Low
559	KURTALAN	0.42	0.59	Medium	High	0.61	0.65	High	High	0.39	0.59	Medium	High
560	KURTUN	0.16	0.06	Low	Low	0.59	0.70	High	High	0.14	0.06	Low	Low
561	KUSADASI	0.67	0.72	High	High	0.51	0.44	High	Medium	0.53	0.49	High	Medium
562	KUTAHYA	0.40	0.34	Medium	Medium	0.61	0.57	High	High	0.38	0.30	Medium	Medium
563	KUYUCAK	0.76	0.80	Very High	Very High	0.56	0.54	High	High	0.66	0.67	High	High
564	LACIN	0.33	0.11	Medium	Low	0.50	0.46	High	Medium	0.26	0.08	Medium	Low
565	LADIK	0.27	0.05	Medium	Low	0.40	0.43	Medium	Medium	0.17	0.03	Low	Low
566	LALAPASA	0.40	0.43	Medium	Medium	0.61	0.63	High	High	0.38	0.42	Medium	Medium
567	LAPSEKI	0.36	0.37	Medium	Medium	0.55	0.42	High	Medium	0.31	0.25	Medium	Low
568	LICE	0.37	0.50	Medium	High	0.49	0.53	Medium	High	0.28	0.41	Medium	Medium
569	LULEBURGAZ	0.39	0.43	Medium	Medium	0.61	0.63	High	High	0.37	0.42	Medium	Medium
570	MADEN	0.43	0.52	Medium	High	0.56	0.60	High	High	0.37	0.48	Medium	Medium
571	MAHMUDIYE	0.41	0.42	Medium	Medium	0.52	0.49	High	Medium	0.33	0.31	Medium	Medium
572	MALKARA	0.38	0.37	Medium	Medium	0.58	0.58	High	High	0.34	0.33	Medium	Medium
573	MAMAK	0.37	0.24	Medium	Low	0.28	0.24	Medium	Low	0.16	0.09	Low	Low
574	MANAVGAT	0.67	0.73	High	High	0.32	0.09	Medium	Low	0.33	0.10	Medium	Low
575	MANYAS	0.37	0.33	Medium	Medium	0.50	0.27	Medium	Medium	0.29	0.13	Medium	Low
576	MARMARA	0.35	0.28	Medium	Medium	0.73	0.56	High	High	0.39	0.24	Medium	Low
577	MARMARAEREGLISI	0.35	0.34	Medium	Medium	0.78	0.71	Very High	High	0.42	0.37	Medium	Medium
578	MARMARIS	0.64	0.71	High	High	0.58	0.50	High	High	0.57	0.55	High	High
579	MAZGIRT	0.37	0.35	Medium	Medium	0.81	0.89	Very High	Very High	0.47	0.48	Medium	Medium

580	MAZIDAGI	0.57	0.74	High	High	0.51	0.54	High	High	0.45	0.62	Medium	High
581	MECITOZU	0.31	0.11	Medium	Low	0.50	0.54	Medium	High	0.24	0.09	Low	Low
582	MELIKGAZI	0.49	0.36	Medium	Medium	0.38	0.34	Medium	Medium	0.29	0.19	Medium	Low
583	MENDERES	0.62	0.73	High	High	0.26	0.04	Medium	Low	0.24	0.05	Low	Low
584	MENEMEN	0.52	0.60	High	High	0.25	0.10	Low	Low	0.20	0.09	Low	Low
585	MENGEN	0.27	0.06	Medium	Low	0.55	0.56	High	High	0.23	0.05	Low	Low
586	MENTESE	0.69	0.74	High	High	0.57	0.54	High	High	0.61	0.62	High	High
587	MERAM	0.67	0.66	High	High	0.36	0.21	Medium	Low	0.37	0.21	Medium	Low
588	MERIC	0.41	0.45	Medium	Medium	0.62	0.65	High	High	0.40	0.44	Medium	Medium
589	MERKEZEFENDI	0.73	0.82	High	Very High	0.53	0.52	High	High	0.60	0.66	High	High
590	MERZIFON	0.31	0.09	Medium	Low	0.54	0.57	High	High	0.26	0.08	Medium	Low
591	MESUDIYE	0.22	0.05	Low	Low	0.43	0.54	Medium	High	0.15	0.04	Low	Low
592	MEZITLI	0.68	0.72	High	High	0.30	0.19	Medium	Low	0.32	0.21	Medium	Low
593	MIDYAT	0.53	0.72	High	High	0.43	0.43	Medium	Medium	0.35	0.48	Medium	Medium
594	MIHALGAZI	0.36	0.26	Medium	Medium	0.57	0.53	High	High	0.32	0.21	Medium	Low
595	MIHALICCIK	0.38	0.27	Medium	Medium	0.51	0.47	High	Medium	0.30	0.20	Medium	Low
596	MILAS	0.66	0.72	High	High	0.56	0.50	High	Medium	0.57	0.56	High	High
597	MUCUR	0.47	0.35	Medium	Medium	0.58	0.54	High	High	0.42	0.29	Medium	Medium
598	MUDANYA	0.35	0.33	Medium	Medium	0.41	0.18	Medium	Low	0.22	0.09	Low	Low
599	MUDURNU	0.34	0.12	Medium	Low	0.63	0.60	High	High	0.33	0.11	Medium	Low
600	MURADIYE	0.12	0.25	Low	Low	0.50	0.51	High	High	0.09	0.19	Low	Low
601	MURATLI	0.36	0.37	Medium	Medium	0.53	0.54	High	High	0.29	0.31	Medium	Medium
602	MURATPASA	0.78	0.80	Very High	Very High	0.35	0.18	Medium	Low	0.42	0.22	Medium	Low
603	MURGUL	0.22	0.14	Low	Low	0.63	0.65	High	High	0.21	0.14	Low	Low
604	MUS	0.18	0.33	Low	Medium	0.67	0.74	High	High	0.19	0.37	Low	Medium
605	MUSABEYLI	0.80	0.93	Very High	Very High	0.76	0.64	Very High	High	0.93	0.91	Very High	Very High
606	MUSTAFAKEMALPASA	0.36	0.32	Medium	Medium	0.38	0.15	Medium	Low	0.21	0.07	Low	Low
607	MUT	0.74	0.77	High	Very High	0.47	0.31	Medium	Medium	0.54	0.37	High	Medium
608	MUTKI	0.16	0.34	Low	Medium	0.70	0.74	High	High	0.17	0.38	Low	Medium
609	NALLIHAN	0.36	0.23	Medium	Low	0.30	0.26	Medium	Medium	0.16	0.09	Low	Low
610	NARLIDERE	0.55	0.64	High	High	0.29	0.07	Medium	Low	0.25	0.07	Low	Low
611	NARMAN	0.22	0.21	Low	Low	0.42	0.44	Medium	Medium	0.14	0.14	Low	Low
612	NAZILLI	0.77	0.79	Very High	Very High	0.52	0.51	High	High	0.62	0.62	High	High
613	NAZIMIYE	0.27	0.24	Medium	Low	0.83	0.91	Very High	Very High	0.34	0.34	Medium	Medium
614	NEVSEHIR	0.53	0.46	High	Medium	0.56	0.52	High	High	0.46	0.37	Medium	Medium
615	NIGDE	0.58	0.49	High	Medium	0.61	0.58	High	High	0.55	0.44	High	Medium
616	NIKSAR	0.26	0.08	Medium	Low	0.51	0.54	High	High	0.21	0.07	Low	Low
617	NILUFER	0.34	0.31	Medium	Medium	0.38	0.15	Medium	Low	0.20	0.07	Low	Low
618	NIZIP	0.70	0.72	High	High	0.33	0.38	Medium	Medium	0.36	0.42	Medium	Medium
619	NURDAGI	0.81	0.91	Very High	Very High	0.43	0.40	Medium	Medium	0.54	0.56	High	High
620	NURHAK	0.56	0.59	High	High	0.50	0.54	Medium	High	0.43	0.49	Medium	Medium
621	NUSAYBIN	0.55	0.72	High	High	0.31	0.27	Medium	Medium	0.26	0.30	Medium	Medium
622	ODEMIS	0.72	0.72	High	High	0.24	0.10	Low	Low	0.27	0.11	Medium	Low
623	ODUNPAZARI	0.39	0.36	Medium	Medium	0.53	0.50	High	Medium	0.32	0.28	Medium	Medium
624	OF	0.25	0.21	Low	Low	0.43	0.51	Medium	High	0.17	0.17	Low	Low

625	OGUZELI	0.74	0.74	High	High	0.33	0.37	Medium	Medium	0.37	0.42	Medium	Medium
626	OGUZLAR	0.30	0.08	Medium	Low	0.51	0.46	High	Medium	0.23	0.06	Low	Low
627	OLTU	0.23	0.21	Low	Low	0.43	0.45	Medium	Medium	0.15	0.14	Low	Low
628	OLUR	0.23	0.18	Low	Low	0.45	0.48	Medium	Medium	0.16	0.13	Low	Low
629	OMERLI	0.55	0.73	High	High	0.37	0.34	Medium	Medium	0.31	0.39	Medium	Medium
630	ONIKISUBAT	0.64	0.71	High	High	0.50	0.54	High	High	0.49	0.59	Medium	High
631	ORHANELI	0.32	0.26	Medium	Medium	0.38	0.15	Medium	Low	0.19	0.06	Low	Low
632	ORHANGAZI	0.30	0.24	Medium	Low	0.61	0.37	High	Medium	0.28	0.14	Medium	Low
633	ORTA	0.24	0.04	Low	Low	0.54	0.51	High	High	0.20	0.03	Low	Low
634	ORTACA	0.76	0.78	Very High	Very High	0.51	0.46	High	Medium	0.59	0.55	High	High
635	ORTAKOY	0.53	0.46	High	Medium	0.52	0.48	High	Medium	0.43	0.34	Medium	Medium
636	ORTAKOY	0.31	0.11	Medium	Low	0.51	0.55	High	High	0.24	0.10	Low	Low
637	OSMANCIK	0.30	0.07	Medium	Low	0.50	0.46	High	Medium	0.23	0.05	Low	Low
638	OSMANELI	0.39	0.25	Medium	Medium	0.68	0.62	High	High	0.41	0.24	Medium	Low
639	OSMANGAZI	0.30	0.24	Medium	Low	0.39	0.16	Medium	Low	0.18	0.06	Low	Low
640	OSMANIYE	0.81	0.90	Very High	Very High	0.55	0.58	High	High	0.69	0.80	High	Very High
641	OVACIK	0.29	0.06	Medium	Low	0.60	0.60	High	High	0.27	0.05	Medium	Low
642	OVACIK	0.24	0.13	Low	Low	0.82	0.90	Very High	Very High	0.30	0.18	Medium	Low
643	OZVATAN	0.41	0.30	Medium	Medium	0.37	0.33	Medium	Medium	0.24	0.15	Low	Low
644	PALU	0.32	0.44	Medium	Medium	0.61	0.69	High	High	0.31	0.47	Medium	Medium
645	PAMUKKALE	0.73	0.81	High	Very High	0.53	0.52	High	High	0.60	0.65	High	High
646	PAMUKOVA	0.35	0.20	Medium	Low	0.56	0.51	High	High	0.31	0.16	Medium	Low
647	PASINLER	0.19	0.20	Low	Low	0.46	0.47	Medium	Medium	0.14	0.14	Low	Low
648	PATNOS	0.11	0.22	Low	Low	0.67	0.75	High	Very High	0.11	0.26	Low	Medium
649	PAYAS	0.70	0.81	High	Very High	0.58	0.50	High	Medium	0.63	0.62	High	High
650	PAZAR	0.26	0.20	Medium	Low	0.57	0.60	High	High	0.23	0.19	Low	Low
651	PAZAR	0.31	0.11	Medium	Low	0.51	0.55	High	High	0.24	0.09	Low	Low
652	PAZARCIK	0.73	0.81	High	Very High	0.45	0.49	Medium	Medium	0.50	0.61	High	High
653	PAZARLAR	0.54	0.50	High	Medium	0.56	0.41	High	Medium	0.47	0.32	Medium	Medium
654	PAZARYERI	0.34	0.21	Medium	Low	0.69	0.65	High	High	0.36	0.21	Medium	Low
655	PAZARYOLU	0.18	0.11	Low	Low	0.44	0.46	Medium	Medium	0.12	0.08	Low	Low
656	PEHLIVANKOY	0.45	0.43	Medium	Medium	0.61	0.63	High	High	0.42	0.42	Medium	Medium
657	PENDIK	0.31	0.28	Medium	Medium	0.47	0.29	Medium	Medium	0.23	0.12	Low	Low
658	PERTEK	0.41	0.37	Medium	Medium	0.81	0.89	Very High	Very High	0.51	0.51	High	High
659	PERVARI	0.26	0.50	Medium	High	0.62	0.66	High	High	0.25	0.52	Medium	High
660	PINARBASI	0.32	0.08	Medium	Low	0.45	0.42	Medium	Medium	0.22	0.05	Low	Low
661	PINARBASI	0.45	0.31	Medium	Medium	0.43	0.47	Medium	Medium	0.29	0.23	Medium	Low
662	PINARHISAR	0.36	0.38	Medium	Medium	0.63	0.65	High	High	0.35	0.38	Medium	Medium
663	PIRAZIZ	0.20	0.06	Low	Low	0.48	0.63	Medium	High	0.15	0.06	Low	Low
664	POLATELI	0.80	0.93	Very High	Very High	0.81	0.68	Very High	High	1.00	0.98	Very High	Very High
665	POLATLI	0.46	0.43	Medium	Medium	0.30	0.26	Medium	Medium	0.21	0.18	Low	Low
666	POZANTI	0.65	0.65	High	High	0.40	0.44	Medium	Medium	0.40	0.45	Medium	Medium
667	PULUMUR	0.21	0.19	Low	Low	0.78	0.87	Very High	Very High	0.25	0.25	Low	Low
668	PURSAKLAR	0.31	0.17	Medium	Low	0.29	0.25	Medium	Low	0.14	0.06	Low	Low
669	PUTURGE	0.52	0.55	High	High	0.55	0.59	High	High	0.44	0.50	Medium	High

670	REFAHIYE	0.23	0.12	Low	Low	0.59	0.66	High	High	0.21	0.12	Low	Low
671	RESADIYE	0.24	0.07	Low	Low	0.51	0.55	High	High	0.19	0.06	Low	Low
672	REYHANLI	0.84	0.98	Very High	Very High	0.52	0.40	High	Medium	0.68	0.60	High	High
673	RIZE	0.21	0.15	Low	Low	0.54	0.59	High	High	0.17	0.14	Low	Low
674	SABANOZU	0.27	0.09	Medium	Low	0.61	0.57	High	High	0.26	0.08	Medium	Low
675	SAFRANBOLU	0.30	0.05	Medium	Low	0.57	0.58	High	High	0.27	0.05	Medium	Low
676	SAHINBEY	0.78	0.84	Very High	Very High	0.49	0.45	Medium	Medium	0.58	0.59	High	High
677	SAIMBEYLI	0.63	0.58	High	High	0.41	0.46	Medium	Medium	0.40	0.41	Medium	Medium
678	SALIHLI	0.66	0.66	High	High	0.42	0.27	Medium	Medium	0.43	0.28	Medium	Medium
679	SALIPAZARI	0.28	0.09	Medium	Low	0.39	0.44	Medium	Medium	0.17	0.06	Low	Low
680	SALPAZARI	0.17	0.07	Low	Low	0.41	0.50	Medium	High	0.11	0.06	Low	Low
681	SAMANDAG	0.62	0.77	High	Very High	0.59	0.48	High	Medium	0.57	0.56	High	High
682	SAMSAT	0.60	0.69	High	High	0.50	0.54	Medium	High	0.46	0.58	Medium	High
683	SANDIKLI	0.57	0.64	High	High	0.62	0.61	High	High	0.54	0.60	High	High
684	SAPANCA	0.35	0.19	Medium	Low	0.47	0.43	Medium	Medium	0.25	0.13	Medium	Low
685	SAPHANE	0.50	0.46	Medium	Medium	0.57	0.41	High	Medium	0.44	0.29	Medium	Medium
686	SARAY	0.37	0.38	Medium	Medium	0.53	0.55	High	High	0.31	0.32	Medium	Medium
687	SARAY	0.10	0.19	Low	Low	0.39	0.38	Medium	Medium	0.06	0.11	Low	Low
688	SARAYDUZU	0.30	0.08	Medium	Low	0.60	0.56	High	High	0.28	0.07	Medium	Low
689	SARAYKENT	0.34	0.18	Medium	Low	0.54	0.57	High	High	0.28	0.16	Medium	Low
690	SARAYKOY	0.75	0.83	Very High	Very High	0.52	0.52	High	High	0.61	0.66	High	High
691	SARAYONU	0.56	0.64	High	High	0.41	0.37	Medium	Medium	0.35	0.37	Medium	Medium
692	SARICAKAYA	0.37	0.26	Medium	Medium	0.53	0.49	High	Medium	0.30	0.20	Medium	Low
693	SARICAM	0.88	0.97	Very High	Very High	0.32	0.36	Medium	Medium	0.43	0.54	Medium	High
694	SARIGOL	0.72	0.74	High	High	0.43	0.28	Medium	Medium	0.48	0.32	Medium	Medium
695	SARIKAMIS	0.22	0.23	Low	Low	0.60	0.63	High	High	0.20	0.23	Low	Low
696	SARIKAYA	0.37	0.23	Medium	Low	0.54	0.50	High	Medium	0.31	0.18	Medium	Low
697	SARIOGLAN	0.43	0.31	Medium	Medium	0.37	0.33	Medium	Medium	0.24	0.16	Low	Low
698	SARIVELILER	0.65	0.70	High	High	0.61	0.45	High	Medium	0.62	0.48	High	Medium
699	SARIYAHSI	0.49	0.42	Medium	Medium	0.25	0.21	Low	Low	0.19	0.13	Low	Low
700	SARIZ	0.50	0.35	High	Medium	0.45	0.49	Medium	Medium	0.34	0.27	Medium	Medium
701	SARKIKARAAGAC	0.62	0.66	High	High	0.64	0.41	High	Medium	0.62	0.42	High	Medium
702	SARKISLA	0.37	0.22	Medium	Low	0.54	0.51	High	High	0.31	0.17	Medium	Low
703	SARKOY	0.37	0.32	Medium	Medium	0.80	0.73	Very High	High	0.46	0.37	Medium	Medium
704	SARUHANLI	0.58	0.61	High	High	0.42	0.27	Medium	Medium	0.38	0.25	Medium	Medium
705	SASON	0.24	0.42	Low	Medium	0.61	0.65	High	High	0.23	0.42	Low	Medium
706	SAVASTEPE	0.42	0.43	Medium	Medium	0.49	0.28	Medium	Medium	0.31	0.18	Medium	Low
707	SAVSAT	0.22	0.17	Low	Low	0.61	0.65	High	High	0.21	0.17	Low	Low
708	SAVUR	0.53	0.72	High	High	0.51	0.54	High	High	0.42	0.60	Medium	High
709	SEBEN	0.34	0.13	Medium	Low	0.61	0.57	High	High	0.31	0.11	Medium	Low
710	SEBINKARAHISAR	0.19	0.07	Low	Low	0.55	0.59	High	High	0.17	0.06	Low	Low
711	SEFAATLI	0.41	0.27	Medium	Medium	0.54	0.50	High	High	0.34	0.21	Medium	Low
712	SEFERIHISAR	0.57	0.70	High	High	0.26	0.04	Medium	Low	0.23	0.04	Low	Low
713	SEHITKAMIL	0.77	0.81	Very High	Very High	0.36	0.39	Medium	Medium	0.42	0.49	Medium	Medium
714	SEHZADELER	0.61	0.63	High	High	0.39	0.24	Medium	Low	0.36	0.23	Medium	Low

715	SELCUK	0.67	0.72	High	High	0.26	0.13	Medium	Low	0.27	0.15	Medium	Low
716	SELCUKLU	0.62	0.68	High	High	0.35	0.23	Medium	Low	0.34	0.24	Medium	Low
717	SELENDI	0.56	0.53	High	High	0.44	0.29	Medium	Medium	0.38	0.24	Medium	Low
718	SEMDINLI	0.24	0.37	Low	Medium	0.49	0.46	Medium	Medium	0.18	0.26	Low	Medium
719	SENIRKENT	0.62	0.69	High	High	0.82	0.77	Very High	Very High	0.78	0.82	Very High	Very High
720	SENKAYA	0.24	0.22	Low	Low	0.45	0.48	Medium	Medium	0.16	0.16	Low	Low
721	SERDIVAN	0.40	0.27	Medium	Medium	0.44	0.41	Medium	Medium	0.27	0.17	Medium	Low
722	SEREFLIKOCHISAR	0.52	0.47	High	Medium	0.21	0.16	Low	Low	0.17	0.11	Low	Low
723	SERIK	0.74	0.79	High	Very High	0.31	0.15	Medium	Low	0.35	0.18	Medium	Low
724	SERINHISAR	0.65	0.75	High	Very High	0.53	0.51	High	High	0.53	0.59	High	High
725	SEYDIKEMER	0.60	0.63	High	High	0.51	0.40	High	Medium	0.47	0.39	Medium	Medium
726	SEYDISEHIR	0.66	0.64	High	High	0.39	0.17	Medium	Low	0.40	0.16	Medium	Low
727	SEYHAN	0.84	0.94	Very High	Very High	0.29	0.34	Medium	Medium	0.38	0.48	Medium	Medium
728	SEYITGAZI	0.42	0.42	Medium	Medium	0.53	0.49	High	Medium	0.34	0.32	Medium	Medium
729	SIIRT	0.41	0.60	Medium	High	0.63	0.67	High	High	0.39	0.62	Medium	High
730	SILE	0.34	0.29	Medium	Medium	0.50	0.32	Medium	Medium	0.26	0.14	Medium	Low
731	SILIFKE	0.67	0.73	High	High	0.44	0.28	Medium	Medium	0.46	0.31	Medium	Medium
732	SILIVRI	0.35	0.35	Medium	Medium	0.52	0.46	High	Medium	0.28	0.25	Medium	Low
733	SILOPI	0.51	0.71	High	High	0.50	0.54	Medium	High	0.39	0.59	Medium	High
734	SILVAN	0.45	0.60	Medium	High	0.43	0.47	Medium	Medium	0.30	0.43	Medium	Medium
735	SIMAV	0.43	0.40	Medium	Medium	0.60	0.38	High	Medium	0.40	0.24	Medium	Low
736	SINANPASA	0.52	0.56	High	High	0.63	0.60	High	High	0.51	0.52	High	High
737	SINCAN	0.43	0.32	Medium	Medium	0.28	0.24	Medium	Low	0.18	0.12	Low	Low
738	SINCIK	0.54	0.56	High	High	0.58	0.63	High	High	0.48	0.54	Medium	High
739	SINDIRGI	0.43	0.42	Medium	Medium	0.51	0.29	High	Medium	0.34	0.19	Medium	Low
740	SINOP	0.33	0.15	Medium	Low	0.54	0.49	High	Medium	0.27	0.11	Medium	Low
741	SIRNAK	0.41	0.65	Medium	High	0.53	0.57	High	High	0.34	0.57	Medium	High
742	SIRVAN	0.27	0.48	Medium	Medium	0.68	0.72	High	High	0.28	0.53	Medium	High
743	SIVAS	0.32	0.11	Medium	Low	0.55	0.51	High	High	0.27	0.09	Medium	Low
744	SIVASLI	0.64	0.67	High	High	0.64	0.64	High	High	0.63	0.65	High	High
745	SIVEREK	0.56	0.68	High	High	0.39	0.42	Medium	Medium	0.34	0.44	Medium	Medium
746	SIVRICE	0.42	0.51	Medium	High	0.57	0.62	High	High	0.37	0.49	Medium	Medium
747	SIVRIHISAR	0.42	0.44	Medium	Medium	0.52	0.48	High	Medium	0.34	0.33	Medium	Medium
748	SOGUT	0.37	0.25	Medium	Low	0.68	0.64	High	High	0.38	0.24	Medium	Low
749	SOKE	0.69	0.74	High	High	0.52	0.51	High	High	0.56	0.58	High	High
750	SOLHAN	0.20	0.32	Low	Medium	0.73	0.80	High	Very High	0.23	0.40	Low	Medium
751	SOMA	0.44	0.47	Medium	Medium	0.45	0.27	Medium	Medium	0.31	0.19	Medium	Low
752	SORGUN	0.33	0.17	Medium	Low	0.54	0.52	High	High	0.28	0.14	Medium	Low
753	SUHUT	0.57	0.62	High	High	0.63	0.60	High	High	0.55	0.57	High	High
754	SULAKYURT	0.31	0.16	Medium	Low	0.49	0.45	Medium	Medium	0.24	0.11	Low	Low
755	SULEYMANPASA	0.36	0.37	Medium	Medium	0.60	0.59	High	High	0.33	0.33	Medium	Medium
756	SULOGLU	0.40	0.41	Medium	Medium	0.62	0.64	High	High	0.38	0.40	Medium	Medium
757	SULTANDAGI	0.53	0.59	High	High	0.60	0.51	High	High	0.50	0.46	Medium	Medium
758	SULTANHANI	0.64	0.68	High	High	0.63	0.60	High	High	0.62	0.63	High	High
759	SULTANHISAR	0.80	0.81	Very High	Very High	0.55	0.55	High	High	0.68	0.68	High	High

760	SULUOVA	0.31	0.10	Medium	Low	0.54	0.58	High	High	0.26	0.09	Medium	Low
761	SULUSARAY	0.31	0.11	Medium	Low	0.52	0.56	High	High	0.25	0.10	Medium	Low
762	SUMBAS	0.79	0.84	Very High	Very High	0.47	0.51	Medium	High	0.58	0.67	High	High
763	SUNGURLU	0.30	0.14	Medium	Low	0.51	0.47	High	Medium	0.24	0.10	Low	Low
764	SUR	0.47	0.63	Medium	High	0.42	0.46	Medium	Medium	0.30	0.44	Medium	Medium
765	SURUC	0.65	0.71	High	High	0.41	0.45	Medium	Medium	0.41	0.49	Medium	Medium
766	SUSEHRI	0.24	0.09	Low	Low	0.55	0.59	High	High	0.21	0.08	Low	Low
767	SUSURLUK	0.38	0.33	Medium	Medium	0.49	0.26	Medium	Medium	0.28	0.13	Medium	Low
768	SUTCULER	0.62	0.69	High	High	0.56	0.39	High	Medium	0.53	0.41	High	Medium
769	TALAS	0.49	0.36	Medium	Medium	0.40	0.40	Medium	Medium	0.30	0.22	Medium	Low
770	TARAKLI	0.37	0.21	Medium	Low	0.57	0.53	High	High	0.33	0.17	Medium	Low
771	TARSUS	0.76	0.84	Very High	Very High	0.29	0.27	Medium	Medium	0.34	0.35	Medium	Medium
772	TASKENT	0.71	0.65	High	High	0.49	0.32	Medium	Medium	0.53	0.32	High	Medium
773	TASKOPRU	0.29	0.05	Medium	Low	0.53	0.49	High	Medium	0.24	0.04	Low	Low
774	TASLICAY	0.14	0.22	Low	Low	0.67	0.73	High	High	0.15	0.25	Low	Medium
775	TASOVA	0.29	0.08	Medium	Low	0.54	0.58	High	High	0.24	0.07	Low	Low
776	TATVAN	0.08	0.25	Low	Low	0.76	0.94	Very High	Very High	0.09	0.36	Low	Medium
777	TAVAS	0.66	0.74	High	High	0.53	0.53	High	High	0.54	0.60	High	High
778	TAVSANLI	0.37	0.31	Medium	Medium	0.60	0.38	High	Medium	0.34	0.18	Medium	Low
779	TEFENNI	0.62	0.71	High	High	0.65	0.62	High	High	0.62	0.68	High	High
780	TEPEBASI	0.36	0.27	Medium	Medium	0.55	0.51	High	High	0.31	0.22	Medium	Low
781	TERCAN	0.19	0.18	Low	Low	0.58	0.71	High	High	0.17	0.20	Low	Low
782	TERMAL	0.33	0.23	Medium	Low	0.90	0.72	Very High	High	0.46	0.25	Medium	Low
783	TERME	0.28	0.11	Medium	Low	0.36	0.41	Medium	Medium	0.16	0.07	Low	Low
784	TILLO	0.39	0.59	Medium	High	0.65	0.69	High	High	0.39	0.63	Medium	High
785	TIRE	0.73	0.75	High	Very High	0.24	0.11	Low	Low	0.27	0.13	Medium	Low
786	TIREBOLU	0.20	0.11	Low	Low	0.52	0.63	High	High	0.16	0.11	Low	Low
787	TOKAT	0.29	0.09	Medium	Low	0.51	0.55	High	High	0.23	0.08	Low	Low
788	TOMARZA	0.53	0.42	High	Medium	0.43	0.48	Medium	Medium	0.35	0.31	Medium	Medium
789	TOPRAKKALE	0.88	0.96	Very High	Very High	0.52	0.52	High	High	0.71	0.78	High	Very High
790	TORBALI	0.68	0.74	High	High	0.19	0.03	Low	Low	0.19	0.03	Low	Low
791	TOROSLAR	0.64	0.66	High	High	0.31	0.21	Medium	Low	0.31	0.22	Medium	Low
792	TORTUM	0.20	0.16	Low	Low	0.43	0.45	Medium	Medium	0.13	0.11	Low	Low
793	TOSYA	0.28	0.01	Medium	Low	0.54	0.50	High	Medium	0.23	0.01	Low	Low
794	TUFANBEYLI	0.55	0.43	High	Medium	0.41	0.46	Medium	Medium	0.35	0.31	Medium	Medium
795	TUNCELI	0.31	0.24	Medium	Low	0.82	0.90	Very High	Very High	0.39	0.34	Medium	Medium
796	TURGUTLU	0.65	0.68	High	High	0.39	0.24	Medium	Low	0.39	0.25	Medium	Medium
797	TURHAL	0.31	0.12	Medium	Low	0.51	0.55	High	High	0.24	0.10	Low	Low
798	TURKELI	0.30	0.11	Medium	Low	0.56	0.52	High	High	0.26	0.08	Medium	Low
799	TURKOGLU	0.73	0.82	High	Very High	0.45	0.49	Medium	Medium	0.51	0.62	High	High
800	TUSBA	0.11	0.28	Low	Medium	0.44	0.49	Medium	Medium	0.07	0.21	Low	Low
801	TUT	0.61	0.65	High	High	0.56	0.61	High	High	0.53	0.61	High	High
802	TUZLA	0.31	0.28	Medium	Medium	0.56	0.38	High	Medium	0.27	0.16	Medium	Low
803	TUZLUCA	0.21	0.26	Low	Medium	0.65	0.65	High	High	0.21	0.26	Low	Medium
804	TUZLUKCU	0.56	0.62	High	High	0.46	0.32	Medium	Medium	0.39	0.31	Medium	Medium

805	UGURLUDAG	0.28	0.09	Medium	Low	0.51	0.47	High	Medium	0.22	0.06	Low	Low
806	ULA	0.71	0.77	High	Very High	0.58	0.53	High	High	0.63	0.63	High	High
807	ULUBEY	0.24	0.08	Low	Low	0.44	0.55	Medium	High	0.16	0.07	Low	Low
808	ULUBEY	0.67	0.69	High	High	0.63	0.63	High	High	0.66	0.66	High	High
809	ULUBORLU	0.63	0.72	High	High	0.81	0.76	Very High	Very High	0.79	0.84	Very High	Very High
810	ULUDERE	0.40	0.62	Medium	High	0.55	0.59	High	High	0.34	0.56	Medium	High
811	ULUKISLA	0.64	0.62	High	High	0.56	0.58	High	High	0.56	0.56	High	High
812	ULUS	0.33	0.10	Medium	Low	0.58	0.61	High	High	0.30	0.10	Medium	Low
813	UNYE	0.26	0.08	Medium	Low	0.46	0.51	Medium	High	0.18	0.07	Low	Low
814	URGUP	0.51	0.43	High	Medium	0.51	0.47	High	Medium	0.41	0.31	Medium	Medium
815	URLA	0.50	0.56	High	High	0.26	0.04	Medium	Low	0.20	0.03	Low	Low
816	USAK	0.60	0.59	High	High	0.59	0.49	High	Medium	0.54	0.44	High	Medium
817	UZUMLU	0.21	0.19	Low	Low	0.59	0.72	High	High	0.19	0.21	Low	Low
818	UZUNDERE	0.21	0.17	Low	Low	0.45	0.47	Medium	Medium	0.14	0.13	Low	Low
819	UZUNKOPRU	0.42	0.43	Medium	Medium	0.62	0.64	High	High	0.40	0.42	Medium	Medium
820	VARTO	0.13	0.22	Low	Low	0.70	0.77	High	Very High	0.14	0.27	Low	Medium
821	VEZIRKOPRU	0.30	0.08	Medium	Low	0.40	0.36	Medium	Medium	0.19	0.04	Low	Low
822	VIRANSEHIR	0.60	0.72	High	High	0.22	0.17	Low	Low	0.20	0.19	Low	Low
823	VIZE	0.36	0.36	Medium	Medium	0.80	0.77	Very High	Very High	0.44	0.43	Medium	Medium
824	YAGLIDERE	0.18	0.07	Low	Low	0.51	0.66	High	High	0.14	0.07	Low	Low
825	YAHSIHAN	0.41	0.28	Medium	Medium	0.15	0.11	Low	Low	0.10	0.05	Low	Low
826	YAHYALI	0.61	0.52	High	High	0.42	0.46	Medium	Medium	0.40	0.37	Medium	Medium
827	YAKAKENT	0.31	0.14	Medium	Low	0.53	0.49	High	Medium	0.26	0.10	Medium	Low
828	YAKUTIYE	0.18	0.17	Low	Low	0.48	0.60	Medium	High	0.14	0.16	Low	Low
829	YALIHUYUK	0.67	0.66	High	High	0.40	0.17	Medium	Low	0.41	0.17	Medium	Low
830	YALOVA	0.31	0.24	Medium	Low	0.89	0.69	Very High	High	0.43	0.25	Medium	Medium
831	YALVAC	0.60	0.65	High	High	0.66	0.56	High	High	0.61	0.56	High	High
832	YAPRAKLI	0.29	0.03	Medium	Low	0.61	0.57	High	High	0.28	0.03	Medium	Low
833	YATAGAN	0.69	0.76	High	Very High	0.55	0.54	High	High	0.59	0.63	High	High
834	YAVUZELI	0.68	0.79	High	Very High	0.34	0.38	Medium	Medium	0.35	0.46	Medium	Medium
835	YAYLADAGI	0.61	0.75	High	High	0.68	0.46	High	Medium	0.64	0.53	High	High
836	YAYLADERE	0.27	0.25	Medium	Low	0.78	0.85	Very High	Very High	0.32	0.32	Medium	Medium
837	YAZIHAN	0.48	0.43	Medium	Medium	0.50	0.55	High	High	0.37	0.36	Medium	Medium
838	YEDISU	0.19	0.20	Low	Low	0.76	0.84	Very High	Very High	0.22	0.25	Low	Medium
839	YENICE	0.35	0.32	Medium	Medium	0.60	0.42	High	Medium	0.33	0.20	Medium	Low
840	YENICE	0.29	0.05	Medium	Low	0.59	0.60	High	High	0.27	0.05	Medium	Low
841	YENIFAKILI	0.44	0.32	Medium	Medium	0.54	0.49	High	Medium	0.36	0.24	Medium	Low
842	YENIMAHALLE	0.39	0.24	Medium	Low	0.28	0.24	Medium	Low	0.17	0.09	Low	Low
843	YENIPAZAR	0.78	0.81	Very High	Very High	0.56	0.55	High	High	0.67	0.69	High	High
844	YENIPAZAR	0.38	0.26	Medium	Medium	0.67	0.64	High	High	0.39	0.25	Medium	Medium
845	YENISARBADEMLI	0.60	0.65	High	High	0.64	0.40	High	Medium	0.60	0.39	High	Medium
846	YENISEHIR	0.35	0.26	Medium	Medium	0.39	0.35	Medium	Medium	0.21	0.14	Low	Low
847	YENISEHIR	0.48	0.60	Medium	High	0.41	0.45	Medium	Medium	0.31	0.42	Medium	Medium
848	YENISEHIR	0.74	0.83	High	Very High	0.29	0.18	Medium	Low	0.34	0.23	Medium	Low
849	YERKOY	0.38	0.24	Medium	Low	0.54	0.50	High	High	0.32	0.18	Medium	Low

850	YESILHISAR	0.56	0.46	High	Medium	0.47	0.47	Medium	Medium	0.40	0.34	Medium	Medium
851	YESILLI	0.56	0.74	High	High	0.36	0.33	Medium	Medium	0.31	0.38	Medium	Medium
852	YESILOVA	0.68	0.81	High	Very High	0.65	0.63	High	High	0.68	0.79	High	Very High
853	YESILYURT	0.52	0.50	High	High	0.52	0.56	High	High	0.41	0.44	Medium	Medium
854	YESILYURT	0.31	0.11	Medium	Low	0.51	0.55	High	High	0.24	0.09	Low	Low
855	YIGILCA	0.33	0.15	Medium	Low	0.63	0.64	High	High	0.32	0.15	Medium	Low
856	YILDIRIM	0.27	0.20	Medium	Low	0.39	0.16	Medium	Low	0.16	0.05	Low	Low
857	YILDIZELI	0.30	0.10	Medium	Low	0.55	0.53	High	High	0.25	0.08	Medium	Low
858	YOZGAT	0.34	0.17	Medium	Low	0.54	0.51	High	High	0.29	0.14	Medium	Low
859	YUKSEKOVA	0.17	0.33	Low	Medium	0.48	0.46	Medium	Medium	0.13	0.23	Low	Low
860	YUMURTALIK	0.80	0.95	Very High	Very High	0.42	0.37	Medium	Medium	0.52	0.55	High	High
861	YUNAK	0.50	0.56	High	High	0.44	0.41	Medium	Medium	0.35	0.35	Medium	Medium
862	YUNUSEMRE	0.53	0.58	High	High	0.39	0.24	Medium	Low	0.32	0.21	Medium	Low
863	YUREGIR	0.85	0.94	Very High	Very High	0.31	0.35	Medium	Medium	0.41	0.52	Medium	High
864	YUSUFELI	0.21	0.14	Low	Low	0.56	0.58	High	High	0.18	0.12	Low	Low
865	ZARA	0.30	0.09	Medium	Low	0.56	0.56	High	High	0.25	0.08	Medium	Low
866	ZILE	0.32	0.12	Medium	Low	0.51	0.55	High	High	0.25	0.10	Medium	Low
867	ZONGULDAK	0.34	0.16	Medium	Low	0.50	0.51	High	High	0.26	0.13	Medium	Low

Hazelnut

Nr.	District Name	HAZ SSP 245 INDEX	HAZ SSP 585 INDEX	HAZ SSP 585 CLASS	HAZ SSP 585 CLASS	VUL SSP 245 INDEX	VUL SSP 585 INDEX	VUL SSP 585 CLASS	VUL SSP 585 CLASS	RISK SSP 245 INDEX	RISK SSP 585 INDEX	RISK SSP 585 CLASS	RISK SSP 585 CLASS
1	ABANA	0.32	0.00	Medium	Low	0.48	0.43	Medium	Medium	0.22	0.00	Low	Low
2	ACIPAYAM	0.83	0.84	Very High	Very High	0.54	0.52	High	High	0.65	0.63	High	High
3	ADAPAZARI	0.69	0.56	High	High	0.46	0.42	Medium	Medium	0.46	0.34	Medium	Medium
4	AGLASUN	0.83	0.85	Very High	Very High	0.61	0.50	High	Medium	0.73	0.62	High	High
5	AGLI	0.37	0.04	Medium	Low	0.43	0.39	Medium	Medium	0.23	0.02	Low	Low
6	AKCAABAT	0.25	0.10	Low	Low	0.41	0.51	Medium	High	0.15	0.07	Low	Low
7	AKCAKOCA	0.60	0.42	High	Medium	0.54	0.55	High	High	0.47	0.33	Medium	Medium
8	AKHISAR	0.89	0.87	Very High	Very High	0.44	0.29	Medium	Medium	0.57	0.36	High	Medium
9	AKKUS	0.35	0.07	Medium	Low	0.47	0.52	Medium	High	0.24	0.06	Low	Low
10	AKSEHIR	0.77	0.78	Very High	Very High	0.48	0.33	Medium	Medium	0.54	0.37	High	Medium
11	AKSEKI	0.79	0.75	Very High	Very High	0.36	0.12	Medium	Low	0.42	0.13	Medium	Low
12	AKSU	0.97	0.94	Very High	Very High	0.32	0.20	Medium	Low	0.45	0.28	Medium	Medium
13	AKSU	0.76	0.73	Very High	High	0.56	0.31	High	Medium	0.62	0.33	High	Medium
14	AKYAZI	0.66	0.47	High	Medium	0.54	0.50	High	High	0.52	0.35	High	Medium
15	ALACAM	0.34	0.07	Medium	Low	0.33	0.28	Medium	Medium	0.17	0.03	Low	Low
16	ALAPLI	0.57	0.35	High	Medium	0.48	0.49	Medium	Medium	0.40	0.25	Medium	Medium
17	ALASEHIR	0.91	0.88	Very High	Very High	0.42	0.27	Medium	Medium	0.55	0.34	High	Medium
18	ALMUS	0.43	0.19	Medium	Low	0.52	0.56	High	High	0.33	0.15	Medium	Low
19	ALTIEYLUL	0.85	0.84	Very High	Very High	0.50	0.26	Medium	Medium	0.61	0.32	High	Medium
20	ALTINORDU	0.31	0.10	Medium	Low	0.44	0.55	Medium	High	0.20	0.08	Low	Low
21	ALTINOVA	0.67	0.58	High	High	0.68	0.50	High	Medium	0.66	0.42	High	Medium
22	ALTINTAS	0.72	0.68	High	High	0.62	0.59	High	High	0.65	0.58	High	High
23	ALUCRA	0.22	0.03	Low	Low	0.55	0.62	High	High	0.18	0.03	Low	Low
24	AMASRA	0.43	0.18	Medium	Low	0.60	0.64	High	High	0.38	0.17	Medium	Low
25	AMASYA	0.46	0.22	Medium	Low	0.54	0.58	High	High	0.36	0.18	Medium	Low
26	ANDIRIN	0.84	0.80	Very High	Very High	0.48	0.52	Medium	High	0.59	0.61	High	High
27	ARAKLI	0.26	0.11	Medium	Low	0.42	0.51	Medium	High	0.16	0.08	Low	Low
28	ARDAHAN	0.25	0.16	Low	Low	0.81	0.97	Very High	Very High	0.30	0.22	Medium	Low
29	ARDANUC	0.24	0.11	Low	Low	0.59	0.63	High	High	0.20	0.10	Low	Low
30	ARDESEN	0.23	0.05	Low	Low	0.48	0.43	Medium	Medium	0.16	0.03	Low	Low
31	ARHAVI	0.21	0.02	Low	Low	0.52	0.41	High	Medium	0.16	0.01	Low	Low
32	ARIFIYE	0.73	0.58	High	High	0.51	0.47	High	Medium	0.54	0.40	High	Medium
33	ARMUTLU	0.70	0.66	High	High	0.98	0.80	Very High	Very High	1.00	0.77	Very High	Very High
34	ARSIN	0.29	0.17	Medium	Low	0.41	0.49	Medium	Medium	0.18	0.12	Low	Low
35	ARTVIN	0.22	0.07	Low	Low	0.59	0.61	High	High	0.19	0.06	Low	Low
36	ASARCIK	0.36	0.09	Medium	Low	0.41	0.44	Medium	Medium	0.22	0.06	Low	Low
37	ASLANAPA	0.71	0.64	High	High	0.63	0.55	High	High	0.65	0.51	High	High
38	ATABEY	0.83	0.85	Very High	Very High	0.61	0.53	High	High	0.74	0.65	High	High

39	ATAKUM	0.33	0.07	Medium	Low	0.42	0.41	Medium	Medium	0.20	0.04	Low	Low
40	AYANCIK	0.33	0.03	Medium	Low	0.56	0.52	High	High	0.27	0.02	Medium	Low
41	AYBASTI	0.36	0.09	Medium	Low	0.44	0.54	Medium	High	0.23	0.07	Low	Low
42	AYDINTEPE	0.24	0.09	Low	Low	0.62	0.66	High	High	0.22	0.09	Low	Low
43	AYVACIK	0.71	0.69	High	High	0.54	0.19	High	Low	0.56	0.19	High	Low
44	AYVACIK	0.39	0.12	Medium	Low	0.42	0.46	Medium	Medium	0.24	0.08	Low	Low
45	AZDAVAY	0.37	0.04	Medium	Low	0.45	0.41	Medium	Medium	0.24	0.03	Low	Low
46	BABAESKI	0.76	0.79	Very High	Very High	0.63	0.65	High	High	0.69	0.75	High	High
47	BAFRA	0.35	0.09	Medium	Low	0.39	0.35	Medium	Medium	0.20	0.05	Low	Low
48	BAHCE	0.88	0.86	Very High	Very High	0.55	0.58	High	High	0.70	0.73	High	High
49	BAHCESARAY	0.17	0.24	Low	Low	0.67	0.71	High	High	0.16	0.25	Low	Low
50	BALYA	0.83	0.82	Very High	Very High	0.51	0.27	High	Medium	0.61	0.33	High	Medium
51	BANAZ	0.79	0.76	Very High	Very High	0.65	0.63	High	High	0.74	0.70	High	High
52	BANDIRMA	0.73	0.73	High	High	0.50	0.28	High	Medium	0.54	0.30	High	Medium
53	BARTIN	0.44	0.18	Medium	Low	0.59	0.63	High	High	0.38	0.16	Medium	Low
54	BASCIFTLIK	0.37	0.10	Medium	Low	0.51	0.55	High	High	0.27	0.08	Medium	Low
55	BASISKELE	0.66	0.51	High	High	0.68	0.52	High	High	0.65	0.39	High	Medium
56	BAYBURT	0.22	0.09	Low	Low	0.67	0.70	High	High	0.22	0.09	Low	Low
57	BAYRAMIC	0.79	0.78	Very High	Very High	0.52	0.15	High	Low	0.61	0.17	High	Low
58	BERGAMA	0.81	0.82	Very High	Very High	0.30	0.08	Medium	Low	0.35	0.10	Medium	Low
59	BESIKDUZU	0.23	0.05	Low	Low	0.41	0.50	Medium	High	0.14	0.04	Low	Low
60	BEYKOZ	0.53	0.47	High	Medium	0.45	0.27	Medium	Medium	0.35	0.19	Medium	Low
61	BEYSEHIR	0.84	0.83	Very High	Very High	0.43	0.19	Medium	Low	0.53	0.23	High	Low
62	BIGA	0.78	0.80	Very High	Very High	0.58	0.40	High	Medium	0.66	0.47	High	Medium
63	BIGADIC	0.81	0.77	Very High	Very High	0.51	0.28	High	Medium	0.60	0.32	High	Medium
64	BILECIK	0.64	0.50	High	High	0.68	0.65	High	High	0.64	0.47	High	Medium
65	BITLIS	0.26	0.36	Medium	Medium	0.70	0.74	High	High	0.26	0.39	Medium	Medium
66	BOLU	0.54	0.29	High	Medium	0.58	0.58	High	High	0.45	0.25	Medium	Low
67	BOLVADIN	0.72	0.70	High	High	0.62	0.59	High	High	0.65	0.60	High	High
68	BORCKA	0.22	0.05	Low	Low	0.63	0.66	High	High	0.20	0.05	Low	Low
69	BOYABAT	0.35	0.04	Medium	Low	0.60	0.56	High	High	0.31	0.03	Medium	Low
70	BOZDOGAN	0.92	0.89	Very High	Very High	0.57	0.56	High	High	0.76	0.73	Very High	High
71	BOZKURT	0.79	0.82	Very High	Very High	0.53	0.53	High	High	0.61	0.64	High	High
72	BOZKURT	0.33	0.00	Medium	Low	0.49	0.44	Medium	Medium	0.23	0.00	Low	Low
73	BOZUYUK	0.62	0.47	High	Medium	0.68	0.63	High	High	0.62	0.43	High	Medium
74	BUCAK	0.89	0.90	Very High	Very High	0.62	0.50	High	High	0.80	0.66	Very High	High
75	BUHARKENT	0.89	0.87	Very High	Very High	0.56	0.55	High	High	0.72	0.70	High	High
76	BULANCAK	0.25	0.03	Medium	Low	0.49	0.64	Medium	High	0.18	0.03	Low	Low
77	BULDAN	0.88	0.87	Very High	Very High	0.50	0.41	Medium	Medium	0.64	0.53	High	High
78	BURDUR	0.83	0.87	Very High	Very High	0.61	0.55	High	High	0.74	0.69	High	High
79	BURHANIYE	0.75	0.74	High	High	0.47	0.13	Medium	Low	0.51	0.14	High	Low
80	BUYUKORHAN	0.72	0.65	High	High	0.37	0.14	Medium	Low	0.39	0.13	Medium	Low
81	CAMAS	0.31	0.08	Medium	Low	0.44	0.55	Medium	High	0.20	0.06	Low	Low
82	CAMELI	0.82	0.80	Very High	Very High	0.54	0.52	High	High	0.65	0.61	High	High
83	CAMLIHEMSIN	0.20	0.02	Low	Low	0.47	0.45	Medium	Medium	0.14	0.01	Low	Low

84	CAN	0.78	0.79	Very High	Very High	0.58	0.39	High	Medium	0.66	0.45	High	Medium
85	CANAKCI	0.23	0.06	Low	Low	0.51	0.61	High	High	0.17	0.05	Low	Low
86	CANAKKALE	0.77	0.77	Very High	Very High	0.54	0.34	High	Medium	0.60	0.38	High	Medium
87	CANIK	0.35	0.08	Medium	Low	0.41	0.41	Medium	Medium	0.21	0.05	Low	Low
88	CARSAMBA	0.38	0.13	Medium	Low	0.39	0.43	Medium	Medium	0.22	0.08	Low	Low
89	CARSIBASI	0.22	0.05	Low	Low	0.41	0.51	Medium	High	0.13	0.03	Low	Low
90	CATALPINAR	0.34	0.10	Medium	Low	0.45	0.55	Medium	High	0.22	0.08	Low	Low
91	CATALZEYTIN	0.32	0.00	Medium	Low	0.50	0.45	Medium	Medium	0.23	0.00	Low	Low
92	CAVDARHISAR	0.73	0.65	High	High	0.62	0.39	High	Medium	0.66	0.37	High	Medium
93	CAY	0.80	0.80	Very High	Very High	0.64	0.60	High	High	0.74	0.70	High	High
94	CAYBASI	0.34	0.08	Medium	Low	0.47	0.52	Medium	High	0.23	0.06	Low	Low
95	CAYCUMA	0.51	0.27	High	Medium	0.56	0.57	High	High	0.42	0.23	Medium	Low
96	CAYELI	0.23	0.08	Low	Low	0.54	0.59	High	High	0.18	0.07	Low	Low
97	CAYIROVA	0.60	0.54	High	High	0.66	0.48	High	Medium	0.58	0.38	High	Medium
98	CAYKARA	0.23	0.06	Low	Low	0.40	0.48	Medium	Medium	0.13	0.04	Low	Low
99	CEKMEKOY	0.53	0.47	High	Medium	0.45	0.27	Medium	Medium	0.35	0.18	Medium	Low
100	CEYHAN	0.93	0.98	Very High	Very High	0.35	0.38	Medium	Medium	0.48	0.54	Medium	High
101	CIDE	0.38	0.07	Medium	Low	0.48	0.45	Medium	Medium	0.26	0.05	Medium	Low
102	CIFTLIKKOY	0.67	0.59	High	High	0.91	0.73	Very High	High	0.89	0.63	Very High	High
103	CILIMLI	0.65	0.48	High	Medium	0.66	0.67	High	High	0.63	0.46	High	Medium
104	CINARCIK	0.62	0.54	High	High	0.99	0.80	Very High	Very High	0.90	0.64	Very High	High
105	CUMAYERI	0.61	0.43	High	Medium	0.60	0.61	High	High	0.54	0.38	High	Medium
106	DALAMAN	0.89	0.84	Very High	Very High	0.53	0.47	High	Medium	0.69	0.57	High	High
107	DARICA	0.60	0.54	High	High	0.65	0.47	High	Medium	0.57	0.37	High	Medium
108	DEMIRCI	0.84	0.80	Very High	Very High	0.44	0.29	Medium	Medium	0.55	0.33	High	Medium
109	DEMIRKOY	0.56	0.53	High	High	0.94	0.87	Very High	Very High	0.76	0.67	Very High	High
110	DEREBUCAK	0.81	0.75	Very High	High	0.45	0.20	Medium	Low	0.53	0.22	High	Low
111	DERELI	0.23	0.02	Low	Low	0.50	0.66	High	High	0.17	0.02	Low	Low
112	DERINCE	0.65	0.54	High	High	0.69	0.50	High	High	0.65	0.39	High	Medium
113	DERNEKPAZARI	0.30	0.18	Medium	Low	0.41	0.50	Medium	Medium	0.18	0.13	Low	Low
114	DEVREK	0.55	0.30	High	Medium	0.51	0.51	High	High	0.41	0.22	Medium	Low
115	DEVREKANI	0.36	0.03	Medium	Low	0.45	0.41	Medium	Medium	0.24	0.02	Low	Low
116	DIKMEN	0.32	0.03	Medium	Low	0.55	0.50	High	High	0.26	0.02	Medium	Low
117	DILOVASI	0.62	0.52	High	High	0.68	0.50	High	Medium	0.61	0.37	High	Medium
118	DINAR	0.81	0.83	Very High	Very High	0.63	0.62	High	High	0.75	0.76	High	Very High
119	DOGANKENT	0.27	0.12	Medium	Low	0.52	0.62	High	High	0.20	0.10	Low	Low
120	DOGANSAR	0.42	0.19	Medium	Low	0.56	0.59	High	High	0.34	0.16	Medium	Low
121	DOGANYURT	0.36	0.04	Medium	Low	0.49	0.44	Medium	Medium	0.25	0.02	Medium	Low
122	DOMANIC	0.63	0.49	High	Medium	0.63	0.40	High	Medium	0.57	0.28	High	Medium
123	DORTDIVAN	0.50	0.26	High	Medium	0.56	0.56	High	High	0.41	0.21	Medium	Low
124	DORTYOL	0.70	0.71	High	High	0.57	0.48	High	Medium	0.58	0.50	High	Medium
125	DULKADIROGLU	0.79	0.74	Very High	High	0.48	0.52	Medium	High	0.55	0.56	High	High
126	DUMLUPINAR	0.73	0.71	High	High	0.63	0.59	High	High	0.67	0.61	High	High
127	DURAGAN	0.37	0.08	Medium	Low	0.60	0.56	High	High	0.32	0.07	Medium	Low
128	DURSUNBEY	0.74	0.68	High	High	0.51	0.28	High	Medium	0.55	0.27	High	Medium

129	DUZCE	0.63	0.43	High	Medium	0.66	0.66	High	High	0.60	0.41	High	Medium
130	DUZICI	0.88	0.86	Very High	Very High	0.55	0.59	High	High	0.70	0.74	High	High
131	DUZKOY	0.22	0.05	Low	Low	0.40	0.49	Medium	Medium	0.13	0.03	Low	Low
132	EFLANI	0.44	0.13	Medium	Low	0.54	0.55	High	High	0.35	0.10	Medium	Low
133	EGIRDIR	0.82	0.83	Very High	Very High	0.69	0.58	High	High	0.83	0.70	Very High	High
134	EKINOZU	0.66	0.57	High	High	0.51	0.55	High	High	0.50	0.46	Medium	Medium
135	EMET	0.72	0.64	High	High	0.62	0.39	High	Medium	0.65	0.36	High	Medium
136	EMIRDAG	0.65	0.62	High	High	0.60	0.56	High	High	0.56	0.50	High	High
137	ERBAA	0.40	0.13	Medium	Low	0.52	0.55	High	High	0.30	0.11	Medium	Low
138	ERDEK	0.75	0.75	High	Very High	0.61	0.43	High	Medium	0.66	0.47	High	Medium
139	EREGLI	0.83	0.80	Very High	Very High	0.37	0.32	Medium	Medium	0.44	0.37	Medium	Medium
140	EREGLI	0.56	0.33	High	Medium	0.47	0.48	Medium	Medium	0.39	0.23	Medium	Low
141	ERENLER	0.72	0.56	High	High	0.52	0.48	High	Medium	0.54	0.39	High	Medium
142	ERFELEK	0.33	0.04	Medium	Low	0.56	0.51	High	High	0.27	0.03	Medium	Low
143	ERZIN	0.78	0.81	Very High	Very High	0.53	0.44	High	Medium	0.60	0.52	High	High
144	ESKIPAZAR	0.49	0.20	Medium	Low	0.60	0.61	High	High	0.43	0.18	Medium	Low
145	ESPIYE	0.25	0.09	Medium	Low	0.50	0.66	High	High	0.19	0.09	Low	Low
146	EYNESIL	0.23	0.05	Low	Low	0.47	0.57	Medium	High	0.16	0.05	Low	Low
147	FATSA	0.32	0.09	Medium	Low	0.45	0.52	Medium	High	0.21	0.07	Low	Low
148	FERIZLI	0.62	0.47	High	Medium	0.56	0.50	High	High	0.50	0.35	High	Medium
149	FETHIYE	0.89	0.84	Very High	Very High	0.52	0.42	High	Medium	0.68	0.52	High	High
150	FINDIKLI	0.21	0.01	Low	Low	0.45	0.30	Medium	Medium	0.13	0.00	Low	Low
151	GEBZE	0.60	0.52	High	High	0.68	0.50	High	Medium	0.60	0.38	High	Medium
152	GEDIZ	0.79	0.74	Very High	High	0.58	0.41	High	Medium	0.67	0.44	High	Medium
153	GEMLIK	0.64	0.57	High	High	0.62	0.41	High	Medium	0.59	0.34	High	Medium
154	GEREDE	0.49	0.23	Medium	Low	0.56	0.56	High	High	0.40	0.19	Medium	Low
155	GERZE	0.33	0.04	Medium	Low	0.55	0.51	High	High	0.26	0.03	Medium	Low
156	GEVAS	0.22	0.32	Low	Medium	0.63	0.80	High	Very High	0.20	0.37	Low	Medium
157	GEYVE	0.69	0.54	High	High	0.54	0.51	High	High	0.55	0.40	High	Medium
158	GIRESUN	0.27	0.09	Medium	Low	0.50	0.66	High	High	0.20	0.09	Low	Low
159	GOKCEBEY	0.50	0.25	High	Medium	0.51	0.52	High	High	0.37	0.19	Medium	Low
160	GOKSUN	0.70	0.58	High	High	0.50	0.54	Medium	High	0.51	0.45	High	Medium
161	GOLCUK	0.66	0.52	High	High	0.71	0.52	High	High	0.68	0.39	High	Medium
162	GOLE	0.26	0.16	Medium	Low	0.81	0.96	Very High	Very High	0.31	0.23	Medium	Low
163	GOLHISAR	0.78	0.79	Very High	Very High	0.66	0.64	High	High	0.75	0.73	Very High	High
164	GOLKOY	0.33	0.07	Medium	Low	0.43	0.54	Medium	High	0.21	0.06	Low	Low
165	GOLPAZARI	0.65	0.50	High	Medium	0.68	0.64	High	High	0.64	0.46	High	Medium
166	GOLYAKA	0.62	0.41	High	Medium	0.64	0.64	High	High	0.57	0.38	High	Medium
167	GONEN	0.79	0.79	Very High	Very High	0.56	0.38	High	Medium	0.64	0.43	High	Medium
168	GONEN	0.86	0.89	Very High	Very High	0.57	0.51	High	High	0.71	0.66	High	High
169	GORDES	0.85	0.83	Very High	Very High	0.44	0.29	Medium	Medium	0.55	0.35	High	Medium
170	GORELE	0.25	0.09	Low	Low	0.51	0.60	High	High	0.18	0.08	Low	Low
171	GOYNUK	0.58	0.40	High	Medium	0.64	0.60	High	High	0.54	0.35	High	Medium
172	GUCE	0.22	0.04	Low	Low	0.51	0.66	High	High	0.17	0.04	Low	Low
173	GULYALI	0.28	0.07	Medium	Low	0.44	0.60	Medium	High	0.18	0.06	Low	Low

174	GUMUSHACIKOY	0.42	0.14	Medium	Low	0.54	0.53	High	High	0.33	0.11	Medium	Low
175	GUMUSHANE	0.23	0.08	Low	Low	0.59	0.69	High	High	0.20	0.08	Low	Low
176	GUMUSOVA	0.61	0.43	High	Medium	0.62	0.61	High	High	0.55	0.38	High	Medium
177	GURGENTEPE	0.31	0.07	Medium	Low	0.45	0.55	Medium	High	0.20	0.06	Low	Low
178	GURSU	0.64	0.55	High	High	0.40	0.17	Medium	Low	0.38	0.13	Medium	Low
179	HANAK	0.24	0.14	Low	Low	0.84	0.99	Very High	Very High	0.29	0.20	Medium	Low
180	HANONU	0.35	0.03	Medium	Low	0.54	0.50	High	Medium	0.28	0.02	Medium	Low
181	HARMANCIK	0.72	0.65	High	High	0.37	0.14	Medium	Low	0.39	0.13	Medium	Low
182	HASANBEYLI	0.89	0.88	Very High	Very High	0.50	0.53	High	High	0.65	0.68	High	High
183	HASSA	0.82	0.84	Very High	Very High	0.57	0.45	High	Medium	0.67	0.55	High	High
184	HAVRAN	0.78	0.78	Very High	Very High	0.50	0.19	High	Low	0.57	0.21	High	Low
185	HAVSA	0.80	0.82	Very High	Very High	0.63	0.65	High	High	0.73	0.78	High	Very High
186	HAVZA	0.39	0.12	Medium	Low	0.39	0.37	Medium	Medium	0.22	0.06	Low	Low
187	HAYRAT	0.26	0.12	Medium	Low	0.41	0.49	Medium	Medium	0.16	0.09	Low	Low
188	HEMSIN	0.23	0.08	Low	Low	0.52	0.57	High	High	0.18	0.07	Low	Low
189	HENDEK	0.64	0.46	High	Medium	0.54	0.51	High	High	0.50	0.34	High	Medium
190	HISARCIK	0.75	0.68	High	High	0.62	0.39	High	Medium	0.67	0.38	High	Medium
191	HIZAN	0.23	0.34	Low	Medium	0.72	0.80	High	Very High	0.24	0.40	Low	Medium
192	HOCALAR	0.75	0.76	Very High	Very High	0.63	0.63	High	High	0.70	0.69	High	High
193	HOPA	0.24	0.08	Low	Low	0.54	0.40	High	Medium	0.19	0.05	Low	Low
194	HUYUK	0.82	0.83	Very High	Very High	0.45	0.21	Medium	Low	0.54	0.26	High	Medium
195	IBRADI	0.79	0.75	Very High	Very High	0.34	0.10	Medium	Low	0.39	0.11	Medium	Low
196	IHSANIYE	0.68	0.63	High	High	0.62	0.58	High	High	0.61	0.54	High	High
197	IKIZCE	0.35	0.11	Medium	Low	0.44	0.50	Medium	Medium	0.23	0.08	Low	Low
198	IKIZDERE	0.22	0.06	Low	Low	0.49	0.56	Medium	High	0.16	0.05	Low	Low
199	ILKADIM	0.34	0.07	Medium	Low	0.40	0.40	Medium	Medium	0.20	0.04	Low	Low
200	INEBOLU	0.35	0.02	Medium	Low	0.48	0.44	Medium	Medium	0.25	0.01	Low	Low
201	INEGOL	0.63	0.50	High	Medium	0.43	0.38	Medium	Medium	0.39	0.28	Medium	Medium
202	INONU	0.65	0.51	High	High	0.55	0.52	High	High	0.52	0.39	High	Medium
203	ISKENDERUN	0.82	0.89	Very High	Very High	0.58	0.49	High	Medium	0.69	0.64	High	High
204	ISLAHIYE	0.88	0.87	Very High	Very High	0.53	0.41	High	Medium	0.68	0.52	High	High
205	ISPARTA	0.85	0.87	Very High	Very High	0.57	0.48	High	Medium	0.71	0.61	High	High
206	IVRINDI	0.81	0.80	Very High	Very High	0.49	0.26	Medium	Medium	0.58	0.30	High	Medium
207	IYIDERE	0.31	0.20	Medium	Low	0.54	0.60	High	High	0.24	0.17	Low	Low
208	IZMIT	0.66	0.54	High	High	0.62	0.47	High	Medium	0.60	0.37	High	Medium
209	IZNIK	0.67	0.56	High	High	0.64	0.40	High	Medium	0.63	0.33	High	Medium
210	KABADUZ	0.29	0.05	Medium	Low	0.44	0.55	Medium	High	0.18	0.04	Low	Low
211	KABATAS	0.35	0.10	Medium	Low	0.44	0.55	Medium	High	0.23	0.08	Low	Low
212	KADIRLI	0.90	0.87	Very High	Very High	0.52	0.56	High	High	0.68	0.71	High	High
213	KALKANDERE	0.29	0.17	Medium	Low	0.54	0.61	High	High	0.23	0.15	Low	Low
214	KANDIRA	0.59	0.46	High	Medium	0.68	0.50	High	Medium	0.58	0.34	High	Medium
215	KARABUK	0.47	0.18	Medium	Low	0.59	0.60	High	High	0.41	0.16	Medium	Low
216	KARACABEY	0.73	0.71	High	High	0.37	0.15	Medium	Low	0.40	0.15	Medium	Low
217	KARACASU	0.91	0.89	Very High	Very High	0.56	0.56	High	High	0.75	0.73	Very High	High
218	KARAMURSEL	0.67	0.56	High	High	0.68	0.49	High	Medium	0.66	0.40	High	Medium

219	KARAPURCEK	0.70	0.53	High	High	0.54	0.50	High	Medium	0.54	0.38	High	Medium
220	KARASU	0.58	0.42	High	Medium	0.58	0.54	High	High	0.49	0.33	Medium	Medium
221	KARESI	0.84	0.82	Very High	Very High	0.49	0.26	Medium	Medium	0.61	0.31	High	Medium
222	KARTEPE	0.70	0.54	High	High	0.61	0.47	High	Medium	0.62	0.37	High	Medium
223	KAVAK	0.35	0.07	Medium	Low	0.39	0.38	Medium	Medium	0.20	0.04	Low	Low
224	KAYNARCA	0.58	0.45	High	Medium	0.76	0.58	Very High	High	0.65	0.38	High	Medium
225	KAYNASLI	0.58	0.35	High	Medium	0.66	0.66	High	High	0.56	0.34	High	Medium
226	KECIBORLU	0.85	0.88	Very High	Very High	0.59	0.56	High	High	0.73	0.72	High	High
227	KELES	0.64	0.51	High	High	0.40	0.17	Medium	Low	0.37	0.12	Medium	Low
228	KEMALPASA	0.86	0.86	Very High	Very High	0.27	0.12	Medium	Low	0.34	0.15	Medium	Low
229	KEMALPASA	0.24	0.08	Low	Low	0.55	0.41	High	Medium	0.19	0.05	Low	Low
230	KEPSUT	0.77	0.74	Very High	High	0.51	0.27	High	Medium	0.57	0.29	High	Medium
231	KESAP	0.26	0.09	Medium	Low	0.51	0.66	High	High	0.19	0.08	Low	Low
232	KESTEL	0.63	0.52	High	High	0.39	0.23	Medium	Low	0.36	0.18	Medium	Low
233	KIBRISCIK	0.49	0.27	Medium	Medium	0.64	0.60	High	High	0.46	0.24	Medium	Low
234	KILIMLI	0.53	0.29	High	Medium	0.49	0.50	Medium	High	0.38	0.21	Medium	Low
235	KIRIKHAN	0.87	0.94	Very High	Very High	0.55	0.43	High	Medium	0.70	0.59	High	High
236	KIRKAGAC	0.89	0.88	Very High	Very High	0.47	0.27	Medium	Medium	0.60	0.35	High	Medium
237	KIRKLARELI	0.65	0.66	High	High	0.67	0.70	High	High	0.64	0.67	High	High
238	KOCAALI	0.61	0.43	High	Medium	0.57	0.58	High	High	0.51	0.36	High	Medium
239	KOFCAZ	0.65	0.67	High	High	0.71	0.84	High	Very High	0.67	0.82	High	Very High
240	KOPRUBASI	0.89	0.86	Very High	Very High	0.42	0.27	Medium	Medium	0.55	0.34	High	Medium
241	KOPRUBASI	0.26	0.11	Medium	Low	0.41	0.49	Medium	Medium	0.15	0.08	Low	Low
242	KORFEZ	0.63	0.53	High	High	0.68	0.50	High	Medium	0.63	0.38	High	Medium
243	KORGAN	0.35	0.09	Medium	Low	0.45	0.54	Medium	High	0.23	0.07	Low	Low
244	KOYULHISAR	0.34	0.11	Medium	Low	0.52	0.58	High	High	0.26	0.09	Medium	Low
245	KOZAN	0.91	0.88	Very High	Very High	0.37	0.42	Medium	Medium	0.50	0.53	Medium	High
246	KOZLU	0.53	0.30	High	Medium	0.49	0.50	Medium	Medium	0.38	0.22	Medium	Low
247	KUMRU	0.33	0.08	Medium	Low	0.47	0.52	Medium	High	0.23	0.06	Low	Low
248	KURE	0.36	0.03	Medium	Low	0.46	0.41	Medium	Medium	0.24	0.02	Low	Low
249	KURTUN	0.22	0.03	Low	Low	0.59	0.70	High	High	0.18	0.03	Low	Low
250	KURUCASILE	0.43	0.14	Medium	Low	0.58	0.62	High	High	0.37	0.12	Medium	Low
251	KUTAHYA	0.65	0.56	High	High	0.62	0.58	High	High	0.59	0.47	High	Medium
252	KUYUCAK	0.90	0.87	Very High	Very High	0.56	0.54	High	High	0.73	0.69	High	High
253	LADIK	0.38	0.10	Medium	Low	0.39	0.43	Medium	Medium	0.22	0.06	Low	Low
254	LAPSEKI	0.76	0.78	Very High	Very High	0.55	0.43	High	Medium	0.62	0.49	High	Medium
255	LULEBURGAZ	0.68	0.70	High	High	0.62	0.64	High	High	0.61	0.66	High	High
256	MACKA	0.23	0.07	Low	Low	0.40	0.49	Medium	Medium	0.13	0.05	Low	Low
257	MANAVGAT	0.85	0.84	Very High	Very High	0.32	0.09	Medium	Low	0.40	0.11	Medium	Low
258	MANYAS	0.80	0.79	Very High	Very High	0.50	0.27	High	Medium	0.58	0.31	High	Medium
259	MAYIS	0.33	0.07	Medium	Low	0.40	0.40	Medium	Medium	0.19	0.04	Low	Low
260	MENGEN	0.53	0.27	High	Medium	0.55	0.55	High	High	0.42	0.22	Medium	Low
261	MERZIFON	0.44	0.18	Medium	Low	0.54	0.57	High	High	0.35	0.15	Medium	Low
262	MESUDIYE	0.31	0.07	Medium	Low	0.43	0.54	Medium	High	0.20	0.05	Low	Low
263	MUDANYA	0.70	0.67	High	High	0.41	0.18	Medium	Low	0.42	0.17	Medium	Low

264	MUDURNU	0.57	0.35	High	Medium	0.63	0.60	High	High	0.53	0.31	High	Medium
265	MURGUL	0.21	0.03	Low	Low	0.62	0.64	High	High	0.19	0.03	Low	Low
266	MUSTAFAKEMALPASA	0.74	0.69	High	High	0.38	0.15	Medium	Low	0.41	0.15	Medium	Low
267	NALLIHAN	0.59	0.43	High	Medium	0.30	0.26	Medium	Medium	0.26	0.16	Medium	Low
268	NAZILLI	0.90	0.87	Very High	Very High	0.52	0.51	High	High	0.69	0.65	High	High
269	NIKSAR	0.39	0.14	Medium	Low	0.51	0.55	High	High	0.29	0.11	Medium	Low
270	NILUFER	0.71	0.66	High	High	0.38	0.14	Medium	Low	0.39	0.14	Medium	Low
271	NURDAGI	0.82	0.80	Very High	Very High	0.43	0.40	Medium	Medium	0.52	0.47	High	Medium
272	ODUNPAZARI	0.60	0.49	High	Medium	0.54	0.51	High	High	0.47	0.36	Medium	Medium
273	OF	0.31	0.20	Medium	Low	0.43	0.51	Medium	High	0.19	0.15	Low	Low
274	OLUR	0.25	0.12	Medium	Low	0.45	0.47	Medium	Medium	0.16	0.08	Low	Low
275	ONIKISUBAT	0.79	0.73	Very High	High	0.50	0.54	High	High	0.58	0.58	High	High
276	ORHANELI	0.68	0.59	High	High	0.38	0.15	Medium	Low	0.38	0.13	Medium	Low
277	ORHANGAZI	0.66	0.58	High	High	0.61	0.37	High	Medium	0.59	0.31	High	Medium
278	ORTAHISAR	0.28	0.15	Medium	Low	0.41	0.50	Medium	Medium	0.17	0.11	Low	Low
279	OSMANCIK	0.43	0.15	Medium	Low	0.51	0.46	High	Medium	0.32	0.10	Medium	Low
280	OSMANELI	0.66	0.53	High	High	0.68	0.63	High	High	0.66	0.49	High	Medium
281	OSMANGAZI	0.64	0.55	High	High	0.39	0.16	Medium	Low	0.37	0.13	Medium	Low
282	OSMANIYE	0.87	0.87	Very High	Very High	0.56	0.58	High	High	0.71	0.73	High	High
283	PAMUKOVA	0.70	0.55	High	High	0.57	0.51	High	High	0.58	0.41	High	Medium
284	PAYAS	0.76	0.81	Very High	Very High	0.59	0.50	High	Medium	0.65	0.59	High	High
285	PAZAR	0.28	0.16	Medium	Low	0.57	0.60	High	High	0.23	0.14	Low	Low
286	PAZAR	0.51	0.30	High	Medium	0.52	0.56	High	High	0.38	0.24	Medium	Low
287	PAZARCIK	0.77	0.74	Very High	High	0.45	0.49	Medium	Medium	0.50	0.53	High	High
288	PAZARLAR	0.84	0.79	Very High	Very High	0.56	0.41	High	Medium	0.69	0.47	High	Medium
289	PAZARYERI	0.61	0.46	High	Medium	0.69	0.66	High	High	0.62	0.44	High	Medium
290	PENDIK	0.58	0.52	High	High	0.47	0.29	Medium	Medium	0.40	0.22	Medium	Low
291	PERSEMBE	0.31	0.08	Medium	Low	0.45	0.54	Medium	High	0.20	0.06	Low	Low
292	PERVARI	0.37	0.51	Medium	High	0.63	0.67	High	High	0.33	0.50	Medium	Medium
293	PINARBASI	0.41	0.08	Medium	Low	0.45	0.42	Medium	Medium	0.27	0.05	Medium	Low
294	PINARBASI	0.67	0.52	High	High	0.43	0.48	Medium	Medium	0.42	0.36	Medium	Medium
295	PINARHISAR	0.62	0.62	High	High	0.63	0.66	High	High	0.57	0.59	High	High
296	PIRAZIZ	0.27	0.06	Medium	Low	0.48	0.63	Medium	High	0.19	0.06	Low	Low
297	POSOF	0.22	0.11	Low	Low	0.85	1.00	Very High	Very High	0.28	0.17	Medium	Low
298	RESADIYE	0.39	0.14	Medium	Low	0.51	0.55	High	High	0.29	0.11	Medium	Low
299	SAFRANBOLU	0.46	0.16	Medium	Low	0.57	0.58	High	High	0.38	0.13	Medium	Low
300	SAIMBEYLI	0.78	0.70	Very High	High	0.41	0.46	Medium	Medium	0.46	0.47	Medium	Medium
301	SALIPAZARI	0.37	0.11	Medium	Low	0.38	0.43	Medium	Medium	0.21	0.07	Low	Low
302	SALPAZARI	0.23	0.05	Low	Low	0.40	0.50	Medium	High	0.13	0.04	Low	Low
303	SAPANCA	0.72	0.56	High	High	0.47	0.43	Medium	Medium	0.49	0.35	Medium	Medium
304	SAPHANE	0.80	0.75	Very High	High	0.57	0.41	High	Medium	0.67	0.45	High	Medium
305	SARAY	0.58	0.57	High	High	0.54	0.55	High	High	0.46	0.46	Medium	Medium
306	SARAY	0.23	0.24	Low	Low	0.40	0.38	Medium	Medium	0.13	0.13	Low	Low
307	SARAYDUZU	0.38	0.09	Medium	Low	0.60	0.56	High	High	0.34	0.08	Medium	Low
308	SARAYKOY	0.91	0.89	Very High	Very High	0.52	0.52	High	High	0.69	0.67	High	High

309	SARICAKAYA	0.61	0.46	High	Medium	0.53	0.49	High	Medium	0.47	0.33	Medium	Medium
310	SARIGOL	0.88	0.86	Very High	Very High	0.43	0.28	Medium	Medium	0.55	0.35	High	Medium
311	SARKIKARAAGAC	0.77	0.76	Very High	Very High	0.65	0.41	High	Medium	0.72	0.45	High	Medium
312	SAVASTEPE	0.85	0.84	Very High	Very High	0.49	0.28	Medium	Medium	0.61	0.34	High	Medium
313	SAVSAT	0.22	0.08	Low	Low	0.61	0.64	High	High	0.19	0.08	Low	Low
314	SEBEN	0.53	0.32	High	Medium	0.61	0.57	High	High	0.47	0.27	Medium	Medium
315	SEBINKARAHISAR	0.27	0.07	Medium	Low	0.55	0.59	High	High	0.22	0.06	Low	Low
316	SELENDI	0.88	0.84	Very High	Very High	0.44	0.29	Medium	Medium	0.57	0.36	High	Medium
317	SENIRKENT	0.76	0.76	Very High	Very High	0.82	0.77	Very High	Very High	0.91	0.86	Very High	Very High
318	SENPAZAR	0.38	0.06	Medium	Low	0.47	0.42	Medium	Medium	0.26	0.04	Medium	Low
319	SERDIVAN	0.70	0.56	High	High	0.44	0.41	Medium	Medium	0.45	0.34	Medium	Medium
320	SERIK	0.94	0.93	Very High	Very High	0.31	0.15	Medium	Low	0.43	0.20	Medium	Low
321	SEYDIKEMER	0.76	0.71	Very High	High	0.51	0.40	High	Medium	0.57	0.42	High	Medium
322	SEYDILER	0.37	0.04	Medium	Low	0.42	0.38	Medium	Medium	0.23	0.02	Low	Low
323	SEYITGAZI	0.58	0.50	High	Medium	0.53	0.50	High	Medium	0.45	0.36	Medium	Medium
324	SILE	0.53	0.44	High	Medium	0.50	0.32	High	Medium	0.39	0.20	Medium	Low
325	SIMAV	0.77	0.71	Very High	High	0.60	0.38	High	Medium	0.67	0.39	High	Medium
326	SINANPASA	0.72	0.70	High	High	0.63	0.61	High	High	0.66	0.62	High	High
327	SINDIRGI	0.82	0.79	Very High	Very High	0.51	0.29	High	Medium	0.61	0.33	High	Medium
328	SINOP	0.34	0.06	Medium	Low	0.54	0.49	High	Medium	0.27	0.04	Medium	Low
329	SIRAN	0.27	0.12	Medium	Low	0.66	0.70	High	High	0.26	0.12	Medium	Low
330	SIRVAN	0.36	0.48	Medium	Medium	0.68	0.72	High	High	0.35	0.50	Medium	Medium
331	SIVASLI	0.85	0.85	Very High	Very High	0.65	0.64	High	High	0.80	0.80	Very High	Very High
332	SOGUT	0.65	0.51	High	High	0.68	0.65	High	High	0.65	0.48	High	Medium
333	SOGUTLU	0.68	0.54	High	High	0.51	0.48	High	Medium	0.51	0.38	High	Medium
334	SOMA	0.86	0.85	Very High	Very High	0.45	0.27	Medium	Medium	0.57	0.33	High	Medium
335	SULOGLU	0.74	0.76	High	Very High	0.62	0.64	High	High	0.67	0.71	High	High
336	SULTANDAGI	0.78	0.78	Very High	Very High	0.61	0.51	High	High	0.69	0.59	High	High
337	SULUOVA	0.44	0.18	Medium	Low	0.54	0.58	High	High	0.34	0.15	Medium	Low
338	SURMENE	0.31	0.20	Medium	Low	0.42	0.50	Medium	High	0.19	0.15	Low	Low
339	SUSEHRI	0.38	0.18	Medium	Low	0.55	0.59	High	High	0.31	0.15	Medium	Low
340	SUSURLUK	0.79	0.77	Very High	Very High	0.50	0.26	Medium	Medium	0.57	0.29	High	Medium
341	SUTCULER	0.82	0.80	Very High	Very High	0.56	0.39	High	Medium	0.67	0.45	High	Medium
342	TARAKLI	0.61	0.43	High	Medium	0.57	0.54	High	High	0.51	0.34	High	Medium
343	TASKOPRU	0.37	0.05	Medium	Low	0.53	0.48	High	Medium	0.28	0.04	Medium	Low
344	TASOVA	0.39	0.13	Medium	Low	0.54	0.58	High	High	0.31	0.11	Medium	Low
345	TATVAN	0.19	0.29	Low	Medium	0.77	0.95	Very High	Very High	0.21	0.40	Low	Medium
346	TAVSANLI	0.69	0.60	High	High	0.60	0.38	High	Medium	0.61	0.33	High	Medium
347	TEKKEKOY	0.36	0.10	Medium	Low	0.41	0.41	Medium	Medium	0.22	0.06	Low	Low
348	TEPEBASI	0.62	0.48	High	Medium	0.55	0.52	High	High	0.50	0.36	Medium	Medium
349	TERMAL	0.62	0.54	High	High	0.90	0.72	Very High	High	0.82	0.57	Very High	High
350	TERME	0.37	0.13	Medium	Low	0.36	0.41	Medium	Medium	0.19	0.08	Low	Low
351	TIREBOLU	0.28	0.13	Medium	Low	0.51	0.62	High	High	0.21	0.12	Low	Low
352	TOKAT	0.46	0.24	Medium	Low	0.52	0.55	High	High	0.35	0.19	Medium	Low
353	TONYA	0.22	0.05	Low	Low	0.40	0.49	Medium	Medium	0.13	0.03	Low	Low

354	TOPRAKKALE	0.91	0.91	Very High	Very High	0.53	0.53	High	High	0.70	0.70	High	High
355	TORUL	0.22	0.05	Low	Low	0.60	0.70	High	High	0.19	0.05	Low	Low
356	TURHAL	0.49	0.27	Medium	Medium	0.51	0.55	High	High	0.37	0.22	Medium	Low
357	TURKELI	0.32	0.01	Medium	Low	0.56	0.52	High	High	0.26	0.01	Medium	Low
358	TURKOGLU	0.83	0.80	Very High	Very High	0.45	0.49	Medium	Medium	0.55	0.57	High	High
359	TUZLA	0.60	0.54	High	High	0.57	0.38	High	Medium	0.49	0.30	Medium	Medium
360	TUZLUKCU	0.78	0.79	Very High	Very High	0.46	0.33	Medium	Medium	0.52	0.38	High	Medium
361	ULUBEY	0.31	0.09	Medium	Low	0.44	0.55	Medium	High	0.20	0.07	Low	Low
362	ULUBEY	0.89	0.88	Very High	Very High	0.64	0.63	High	High	0.83	0.81	Very High	Very High
363	ULUBORLU	0.78	0.80	Very High	Very High	0.81	0.76	Very High	Very High	0.93	0.89	Very High	Very High
364	ULUS	0.44	0.13	Medium	Low	0.57	0.60	High	High	0.37	0.12	Medium	Low
365	UMRANIYE	0.53	0.48	High	Medium	0.44	0.26	Medium	Medium	0.34	0.18	Medium	Low
366	UNYE	0.34	0.09	Medium	Low	0.46	0.51	Medium	High	0.23	0.07	Low	Low
367	USAK	0.86	0.83	Very High	Very High	0.59	0.49	High	Medium	0.74	0.60	High	High
368	USKUDAR	0.53	0.48	High	Medium	0.44	0.26	Medium	Medium	0.34	0.18	Medium	Low
369	VAKFIKEBIR	0.22	0.05	Low	Low	0.40	0.50	Medium	High	0.13	0.03	Low	Low
370	VEZIRKOPRU	0.39	0.11	Medium	Low	0.40	0.36	Medium	Medium	0.23	0.06	Low	Low
371	VIZE	0.58	0.57	High	High	0.81	0.78	Very High	Very High	0.68	0.64	High	High
372	YAGLIDERE	0.23	0.04	Low	Low	0.51	0.66	High	High	0.17	0.04	Low	Low
373	YAKAKENT	0.32	0.04	Medium	Low	0.53	0.48	High	Medium	0.25	0.03	Low	Low
374	YALOVA	0.65	0.58	High	High	0.89	0.69	Very High	High	0.85	0.58	Very High	High
375	YALVAC	0.77	0.77	Very High	Very High	0.67	0.56	High	High	0.74	0.63	High	High
376	YENICAGA	0.53	0.28	High	Medium	0.54	0.55	High	High	0.42	0.22	Medium	Low
377	YENICE	0.80	0.80	Very High	Very High	0.60	0.42	High	Medium	0.71	0.48	High	Medium
378	YENICE	0.48	0.19	Medium	Low	0.59	0.59	High	High	0.41	0.17	Medium	Low
379	YENIPAZAR	0.90	0.87	Very High	Very High	0.56	0.55	High	High	0.73	0.70	High	High
380	YENIPAZAR	0.62	0.47	High	Medium	0.68	0.64	High	High	0.61	0.44	High	Medium
381	YENISARBADEMLI	0.80	0.80	Very High	Very High	0.65	0.39	High	Medium	0.76	0.46	Very High	Medium
382	YENISEHIR	0.67	0.56	High	High	0.39	0.35	Medium	Medium	0.38	0.29	Medium	Medium
383	YENISEHIR	0.60	0.63	High	High	0.42	0.46	Medium	Medium	0.36	0.42	Medium	Medium
384	YENISEHIR	0.82	0.90	Very High	Very High	0.29	0.18	Medium	Low	0.35	0.24	Medium	Low
385	YIGILCA	0.55	0.32	High	Medium	0.63	0.63	High	High	0.50	0.29	High	Medium
386	YILDIRIM	0.62	0.50	High	Medium	0.39	0.16	Medium	Low	0.35	0.12	Medium	Low
387	YOMRA	0.29	0.16	Medium	Low	0.41	0.49	Medium	Medium	0.17	0.12	Low	Low
388	YUNAK	0.75	0.74	High	High	0.45	0.42	Medium	Medium	0.49	0.45	Medium	Medium
389	YUSUFELI	0.22	0.07	Low	Low	0.56	0.58	High	High	0.18	0.06	Low	Low
390	ZARA	0.49	0.29	Medium	Medium	0.56	0.56	High	High	0.40	0.24	Medium	Low
391	ZONGULDAK	0.53	0.29	High	Medium	0.50	0.51	Medium	High	0.39	0.21	Medium	Low

Appendix 2: District values Egypt

Grape

Nr.	District Name	HAZ SSP 245 INDEX	HAZ SSP 585 INDEX	HAZ SSP 585 CLASS	HAZ SSP 585 CLASS	VUL SSP 245 INDEX	VUL SSP 585 INDEX	VUL SSP 585 CLASS	VUL SSP 585 CLASS	RISK SSP 245 INDEX	RISK SSP 585 INDEX	RISK SSP 585 CLASS	RISK SSP 585 CLASS
1	ABNUB	0.46	0.68	Medium	High	0.78	0.82	Very High	Very High	0.37	0.57	Medium	High
2	ABOUR	0.62	0.95	High	Very High	0.72	0.76	High	Very High	0.46	0.74	Medium	High
3	ABSHAWAY	0.56	0.94	High	Very High	0.64	0.73	High	High	0.37	0.70	Medium	High
4	ABU HAMMAD	0.43	0.82	Medium	Very High	0.73	0.77	High	Very High	0.33	0.65	Medium	High
5	ABU HUMMUS	0.04	0.39	Low	Medium	0.80	0.83	Very High	Very High	0.03	0.33	Low	Medium
6	ABU KABIR	0.29	0.65	Medium	High	0.74	0.78	High	Very High	0.22	0.52	Low	High
7	ABU TIG	0.45	0.67	Medium	High	0.78	0.82	Very High	Very High	0.36	0.56	Medium	High
8	ABU TISHT	0.41	0.61	Medium	High	0.81	0.85	Very High	Very High	0.34	0.53	Medium	High
9	ABU-L-MATAMIR	0.15	0.56	Low	High	0.74	0.78	High	Very High	0.11	0.44	Low	Medium
10	ADFU	0.38	0.58	Medium	High	0.87	0.91	Very High	Very High	0.34	0.54	Medium	High
11	AGA	0.21	0.55	Low	High	0.75	0.79	Very High	Very High	0.16	0.45	Low	Medium
12	AHNASYA	0.49	0.81	Medium	Very High	0.84	0.88	Very High	Very High	0.43	0.73	Medium	High
13	AKHMIM	0.43	0.64	Medium	High	0.80	0.84	Very High	Very High	0.36	0.56	Medium	High
14	AL AMREIA	0.14	0.52	Low	High	0.65	0.69	High	High	0.10	0.37	Low	Medium
15	AL- BADARI	0.45	0.67	Medium	High	0.78	0.82	Very High	Very High	0.37	0.57	Medium	High
16	AL FASHN	0.47	0.73	Medium	High	0.84	0.87	Very High	Very High	0.41	0.66	Medium	High
17	AL HAMUL	0.20	0.39	Low	Medium	0.79	0.83	Very High	Very High	0.16	0.33	Low	Medium
18	AL KHANKA	0.62	0.95	High	Very High	0.74	0.77	High	Very High	0.47	0.76	Medium	Very High

19	AL SALAM	0.65	0.98	High	Very High	0.51	0.55	High	High	0.34	0.56	Medium	High
20	AL TIBBIN	0.59	1.00	High	Very High	0.51	0.55	High	High	0.31	0.57	Medium	High
21	AL USAYRAT	0.42	0.62	Medium	High	0.80	0.84	Very High	Very High	0.35	0.54	Medium	High
22	AL WAQF	0.41	0.62	Medium	High	0.81	0.85	Very High	Very High	0.35	0.54	Medium	High
23	AL WASTA	0.52	0.86	High	Very High	0.84	0.88	Very High	Very High	0.45	0.78	Medium	Very High
24	AL-AHRAM	0.51	0.87	High	Very High	0.64	0.68	High	High	0.34	0.61	Medium	High
25	AL-BAGUR	0.57	0.93	High	Very High	0.79	0.83	Very High	Very High	0.47	0.79	Medium	Very High
26	AL-BALYANA	0.42	0.62	Medium	High	0.78	0.82	Very High	Very High	0.34	0.52	Medium	High
27	AL-DILINGAT	0.22	0.66	Low	High	0.76	0.80	Very High	Very High	0.18	0.54	Low	High
28	ALFATH	0.46	0.69	Medium	High	0.78	0.82	Very High	Very High	0.37	0.58	Medium	High
29	AL-GANOUB	0.29	0.52	Medium	High	0.84	0.88	Very High	Very High	0.25	0.47	Low	Medium
30	AL-GANOUB 2	0.27	0.54	Medium	High	0.83	0.86	Very High	Very High	0.23	0.48	Low	Medium
31	AL-GHANAYEM	0.44	0.65	Medium	High	0.78	0.82	Very High	Very High	0.35	0.54	Medium	High
32	AL-HUSAYNIYA	0.24	0.56	Low	High	0.74	0.78	High	Very High	0.19	0.45	Low	Medium
33	AL-MAHMUDIYYA	0.03	0.29	Low	Medium	0.79	0.83	Very High	Very High	0.02	0.24	Low	Low
34	AL-MARAGHA	0.44	0.66	Medium	High	0.80	0.84	Very High	Very High	0.37	0.57	Medium	High
35	AL-MINSHAT	0.43	0.64	Medium	High	0.80	0.84	Very High	Very High	0.36	0.55	Medium	High
36	AL-QUSIA	0.45	0.68	Medium	High	0.77	0.81	Very High	Very High	0.36	0.57	Medium	High
37	AL-RAHMANIYYA	0.01	0.31	Low	Medium	0.77	0.81	Very High	Very High	0.01	0.26	Low	Medium
38	AL-SALHIYYA	0.36	0.72	Medium	High	0.71	0.75	High	High	0.27	0.56	Medium	High
39	AL-SHUHADA	0.41	0.82	Medium	Very High	0.80	0.83	Very High	Very High	0.34	0.71	Medium	High
40	ARMANT	0.40	0.60	Medium	High	0.83	0.87	Very High	Very High	0.34	0.54	Medium	High
41	ASHMUN	0.53	0.92	High	Very High	0.79	0.83	Very High	Very High	0.43	0.79	Medium	Very High

42	ASSUIT	0.46	0.69	Medium	High	0.77	0.81	Very High	Very High	0.37	0.57	Medium	High
43	ASSUIT CITY	0.46	0.67	Medium	High	0.76	0.80	Very High	Very High	0.36	0.56	Medium	High
44	ASWAN	0.35	0.55	Medium	High	0.86	0.90	Very High	Very High	0.31	0.51	Medium	High
45	ATFEH	0.50	0.88	High	Very High	0.65	0.69	High	High	0.34	0.63	Medium	High
46	ATSA	0.54	0.96	High	Very High	0.70	0.76	High	Very High	0.39	0.75	Medium	Very High
47	AUSEEM	0.51	0.87	High	Very High	0.66	0.70	High	High	0.35	0.63	Medium	High
48	AWLAD SAQR	0.20	0.48	Low	Medium	0.75	0.79	High	Very High	0.15	0.39	Low	Medium
49	AYAT	0.50	0.92	Medium	Very High	0.65	0.69	High	High	0.34	0.66	Medium	High
50	BAB SHARQI	0.18	0.55	Low	High	0.65	0.69	High	High	0.12	0.39	Low	Medium
51	BADR	0.43	0.84	Medium	Very High	0.74	0.78	High	Very High	0.33	0.67	Medium	High
52	BADRASHAIN	0.53	0.93	High	Very High	0.65	0.69	High	High	0.35	0.66	Medium	High
53	BANHA	0.59	0.94	High	Very High	0.76	0.80	Very High	Very High	0.46	0.77	Medium	Very High
54	BANHA	0.53	0.85	High	Very High	0.76	0.80	Very High	Very High	0.42	0.70	Medium	High
55	BANI SWAYF	0.47	0.74	Medium	High	0.84	0.87	Very High	Very High	0.41	0.67	Medium	High
56	BANI SWAYF	0.50	0.85	High	Very High	0.84	0.88	Very High	Very High	0.44	0.77	Medium	Very High
57	BANY ABEED	0.19	0.45	Low	Medium	0.76	0.79	Very High	Very High	0.15	0.37	Low	Medium
58	BASATIN	0.59	1.00	High	Very High	0.48	0.52	Medium	High	0.29	0.53	Medium	High
59	BASYUN	0.09	0.47	Low	Medium	0.77	0.81	Very High	Very High	0.07	0.39	Low	Medium
60	BIBA	0.49	0.79	Medium	Very High	0.84	0.88	Very High	Very High	0.43	0.72	Medium	High
61	BILBIS	0.52	0.86	High	Very High	0.72	0.76	High	Very High	0.39	0.67	Medium	High
62	BILQAS	0.24	0.39	Low	Medium	0.74	0.78	High	Very High	0.18	0.31	Low	Medium
63	BIRKAT AL-SAB	0.47	0.76	Medium	Very High	0.79	0.83	Very High	Very High	0.38	0.66	Medium	High
64	BIYALU	0.28	0.50	Medium	Medium	0.79	0.83	Very High	Very High	0.23	0.42	Low	Medium
65	BURG AL-ARAB	0.11	0.45	Low	Medium	0.65	0.69	High	High	0.07	0.32	Low	Medium

66	BURG AL-ARAB CITY	0.10	0.47	Low	Medium	0.64	0.68	High	High	0.07	0.33	Low	Medium
67	BURULLUS	0.23	0.33	Low	Medium	0.78	0.81	Very High	Very High	0.18	0.28	Low	Medium
68	DAMANHUR	0.06	0.45	Low	Medium	0.78	0.82	Very High	Very High	0.05	0.38	Low	Medium
69	DAR AL-SALAM	0.42	0.62	Medium	High	0.79	0.83	Very High	Very High	0.34	0.53	Medium	High
70	DARAW	0.35	0.55	Medium	High	0.86	0.90	Very High	Very High	0.31	0.51	Medium	High
71	DAYRUT	0.45	0.68	Medium	High	0.64	0.67	High	High	0.30	0.47	Medium	Medium
72	DIKIRNIS	0.17	0.41	Low	Medium	0.76	0.79	Very High	Very High	0.13	0.34	Low	Medium
73	DISHNA	0.41	0.62	Medium	High	0.82	0.85	Very High	Very High	0.35	0.54	Medium	High
74	DISUQ	0.01	0.31	Low	Medium	0.79	0.83	Very High	Very High	0.01	0.27	Low	Medium
75	DISUQ	0.11	0.37	Low	Medium	0.79	0.83	Very High	Very High	0.09	0.31	Low	Medium
76	DUMYAT	0.23	0.37	Low	Medium	0.85	0.89	Very High	Very High	0.20	0.34	Low	Medium
77	DUMYAT 1	0.22	0.35	Low	Medium	0.84	0.88	Very High	Very High	0.20	0.32	Low	Medium
78	DUMYAT 2	0.22	0.35	Low	Medium	0.84	0.88	Very High	Very High	0.19	0.32	Low	Medium
79	DUMYAT AL-GADIDA	0.25	0.39	Medium	Medium	0.83	0.87	Very High	Very High	0.22	0.35	Low	Medium
80	DYARB NIGM	0.33	0.68	Medium	High	0.74	0.78	High	Very High	0.26	0.54	Medium	High
81	E MANSORA 2	0.15	0.44	Low	Medium	0.75	0.79	Very High	Very High	0.12	0.35	Low	Medium
82	EL MAHALLA EL KOBRA	0.17	0.50	Low	High	0.77	0.81	Very High	Very High	0.13	0.42	Low	Medium
83	EL MAHALLA EL KOBRA 1	0.24	0.62	Low	High	0.77	0.80	Very High	Very High	0.19	0.52	Low	High
84	EL MAHALLA EL KOBRA 2	0.17	0.50	Low	High	0.77	0.81	Very High	Very High	0.13	0.42	Low	Medium
85	EL MANSORA	0.19	0.49	Low	Medium	0.75	0.79	Very High	Very High	0.15	0.40	Low	Medium
86	EL MANSORA 1	0.15	0.44	Low	Medium	0.75	0.79	Very High	Very High	0.12	0.36	Low	Medium
87	EL-IBRAHIMIYA	0.37	0.70	Medium	High	0.74	0.78	High	Very High	0.28	0.57	Medium	High
88	FAQUS	0.29	0.65	Medium	High	0.74	0.77	High	Very High	0.22	0.52	Low	High
89	FARISKUR	0.22	0.40	Low	Medium	0.86	0.89	Very High	Very High	0.19	0.37	Low	Medium

90	FARSHUT	0.40	0.60	Medium	High	0.80	0.84	Very High	Very High	0.33	0.52	Medium	High
91	FAYYUM	0.54	0.91	High	Very High	0.79	0.83	Very High	Very High	0.44	0.78	Medium	Very High
92	FAYYUM CITY	0.53	0.95	High	Very High	0.79	0.83	Very High	Very High	0.43	0.82	Medium	Very High
93	FUWWA	0.05	0.30	Low	Medium	0.80	0.84	Very High	Very High	0.04	0.26	Low	Medium
94	GAMALIYYA	0.21	0.38	Low	Medium	0.76	0.80	Very High	Very High	0.17	0.31	Low	Medium
95	GIRGA	0.42	0.62	Medium	High	0.81	0.85	Very High	Very High	0.35	0.54	Medium	High
96	GIRGA	0.42	0.62	Medium	High	0.80	0.84	Very High	Very High	0.34	0.53	Medium	High
97	GIZA	0.51	0.87	High	Very High	0.66	0.70	High	High	0.35	0.63	Medium	High
98	GIZA	0.59	1.00	High	Very High	0.65	0.69	High	High	0.39	0.71	Medium	High
99	GUHAYNA AL-GHARBIYYA	0.43	0.64	Medium	High	0.80	0.84	Very High	Very High	0.36	0.55	Medium	High
100	HIHYA	0.45	0.78	Medium	Very High	0.74	0.78	High	Very High	0.34	0.62	Medium	High
101	HILWAN	0.59	1.00	High	Very High	0.48	0.52	Medium	High	0.29	0.54	Medium	High
102	HUSH ISA	0.09	0.53	Low	High	0.77	0.81	Very High	Very High	0.07	0.44	Low	Medium
103	HWAMDEIA	0.59	1.00	High	Very High	0.66	0.70	High	High	0.40	0.72	Medium	High
104	IDKU	0.00	0.26	Low	Medium	0.79	0.83	Very High	Very High	0.00	0.22	Low	Low
105	IMBABA	0.50	0.92	High	Very High	0.66	0.69	High	High	0.34	0.66	Medium	High
106	ISMAILIYYA	0.34	0.71	Medium	High	0.87	0.91	Very High	Very High	0.31	0.66	Medium	High
107	ISMAILIYYA 2	0.34	0.71	Medium	High	0.87	0.91	Very High	Very High	0.30	0.66	Medium	High
108	ISNA	0.40	0.60	Medium	High	0.84	0.87	Very High	Very High	0.34	0.54	Medium	High
109	ITAY AL-BARUD	0.16	0.60	Low	High	0.77	0.81	Very High	Very High	0.12	0.50	Low	High
110	KAFR AL-DAWWAR	0.08	0.45	Low	Medium	0.80	0.84	Very High	Very High	0.06	0.39	Low	Medium
111	KAFR AL-SHAYKH	0.20	0.45	Low	Medium	0.79	0.82	Very High	Very High	0.16	0.38	Low	Medium
112	KAFR AL-ZAYYAT	0.29	0.71	Medium	High	0.77	0.81	Very High	Very High	0.23	0.59	Low	High

113	KAFR SAD	0.34	0.47	Medium	Medium	0.84	0.88	Very High	Very High	0.29	0.43	Medium	Medium
114	KAFR SAQR	0.28	0.64	Medium	High	0.74	0.78	High	Very High	0.22	0.52	Low	High
115	KAFR SHUKR	0.51	0.82	High	Very High	0.77	0.80	Very High	Very High	0.40	0.68	Medium	High
116	KARDASA	0.51	0.87	High	Very High	0.65	0.69	High	High	0.34	0.62	Medium	High
117	KESM AL-MINYA	0.47	0.72	Medium	High	0.69	0.72	High	High	0.33	0.53	Medium	High
118	KESM AWAL ASSUIT	0.46	0.68	Medium	High	0.77	0.81	Very High	Very High	0.36	0.56	Medium	High
119	KESM MALLAWI	0.46	0.70	Medium	High	0.64	0.67	High	High	0.30	0.48	Medium	Medium
120	KESM TAHTA	0.44	0.65	Medium	High	0.79	0.83	Very High	Very High	0.36	0.56	Medium	High
121	KESM THAN AL RAML	0.10	0.48	Low	Medium	0.71	0.75	High	High	0.08	0.37	Low	Medium
122	KESM THAN ASSUIT	0.46	0.68	Medium	High	0.77	0.81	Very High	Very High	0.37	0.57	Medium	High
123	KHSOS	0.65	0.98	High	Very High	0.72	0.75	High	Very High	0.48	0.76	Medium	Very High
124	KUM HAMADA	0.33	0.74	Medium	High	0.77	0.81	Very High	Very High	0.26	0.62	Medium	High
125	KUM UMBU	0.37	0.57	Medium	High	0.94	0.97	Very High	Very High	0.36	0.56	Medium	High
126	LUXOR	0.41	0.61	Medium	High	0.95	0.99	Very High	Very High	0.40	0.62	Medium	High
127	LUXOR	0.41	0.61	Medium	High	0.96	1.00	Very High	Very High	0.40	0.63	Medium	High
128	MAADI	0.59	1.00	High	Very High	0.49	0.52	Medium	High	0.29	0.54	Medium	High
129	MAHALET DEMNA	0.16	0.41	Low	Medium	0.76	0.79	Very High	Very High	0.12	0.34	Low	Medium
130	MANFALUT	0.46	0.68	Medium	High	0.77	0.81	Very High	Very High	0.37	0.57	Medium	High
131	MANZALA	0.22	0.45	Low	Medium	0.76	0.80	Very High	Very High	0.18	0.37	Low	Medium
132	MARG	0.65	0.98	High	Very High	0.58	0.62	High	High	0.39	0.63	Medium	High
133	MARKZ ABU QURQAS	0.47	0.71	Medium	High	0.63	0.66	High	High	0.30	0.48	Medium	Medium
134	MARKZ AL IDWA	0.47	0.73	Medium	High	0.73	0.77	High	Very High	0.36	0.58	Medium	High
135	MARKZ AL MINYA	0.47	0.72	Medium	High	0.61	0.64	High	High	0.30	0.47	Medium	Medium
136	MARKZ BANI MAZAR	0.47	0.72	Medium	High	0.81	0.76	Very High	Very High	0.39	0.57	Medium	High
137	MARKZ DIR MAWAS	0.46	0.69	Medium	High	0.60	0.62	High	High	0.28	0.44	Medium	Medium
138	MARKZ MAGHAGHA	0.47	0.73	Medium	High	0.78	0.77	Very High	Very High	0.38	0.58	Medium	High

139	MARKZ MALLAWI	0.46	0.70	Medium	High	0.64	0.67	High	High	0.30	0.48	Medium	Medium
140	MARKZ MATAY	0.47	0.71	Medium	High	0.77	0.74	Very High	High	0.37	0.55	Medium	High
141	MARKZ SAMALUT	0.47	0.72	Medium	High	0.62	0.64	High	High	0.30	0.48	Medium	Medium
142	MASHTUL AL-SUQ	0.59	0.91	High	Very High	0.73	0.77	High	Very High	0.44	0.72	Medium	High
143	MATARIYYA	0.22	0.45	Low	Medium	0.77	0.80	Very High	Very High	0.18	0.37	Low	Medium
144	MINUF	0.52	0.89	High	Very High	0.79	0.83	Very High	Very High	0.42	0.77	Medium	Very High
145	MINUF CITY	0.55	0.92	High	Very High	0.79	0.83	Very High	Very High	0.45	0.79	Medium	Very High
146	MINYA AL-NASR	0.18	0.40	Low	Medium	0.76	0.80	Very High	Very High	0.14	0.33	Low	Medium
147	MINYA AL-QAMH	0.53	0.84	High	Very High	0.74	0.78	High	Very High	0.41	0.68	Medium	High
148	MISR AL-QADIMA	0.58	0.95	High	Very High	0.49	0.52	Medium	High	0.29	0.51	Medium	High
149	MIT GHAMR	0.48	0.77	Medium	Very High	0.75	0.79	Very High	Very High	0.37	0.63	Medium	High
150	MIT GHAMR	0.35	0.69	Medium	High	0.75	0.79	Very High	Very High	0.27	0.56	Medium	High
151	MIT SALSIL	0.21	0.38	Low	Medium	0.77	0.81	Very High	Very High	0.17	0.32	Low	Medium
152	MITUBAS	0.05	0.25	Low	Low	0.80	0.84	Very High	Very High	0.04	0.22	Low	Low
153	MUBARK-SHARQ TAFREA	0.33	0.54	Medium	High	0.83	0.87	Very High	Very High	0.29	0.49	Medium	Medium
154	MUHARAM BIK	0.18	0.55	Low	High	0.68	0.72	High	High	0.13	0.41	Low	Medium
155	MUNTAZAH	0.06	0.40	Low	Medium	0.72	0.75	High	Very High	0.04	0.31	Low	Medium
156	NAG HAMMADI	0.41	0.61	Medium	High	0.81	0.84	Very High	Very High	0.34	0.53	Medium	High
157	NAQADA	0.41	0.61	Medium	High	0.83	0.86	Very High	Very High	0.35	0.55	Medium	High
158	NASIR	0.52	0.89	High	Very High	0.84	0.88	Very High	Very High	0.45	0.81	Medium	Very High
159	NASR	0.36	0.56	Medium	High	0.96	0.98	Very High	Very High	0.36	0.56	Medium	High
160	NEBRO	0.13	0.41	Low	Medium	0.75	0.79	Very High	Very High	0.10	0.33	Low	Medium
161	NEW MINYA	0.48	0.73	Medium	High	0.78	0.82	Very High	Very High	0.38	0.62	Medium	High
162	NORTH COAST	0.07	0.40	Low	Medium	0.68	0.72	High	High	0.05	0.29	Low	Medium

163	POLICE DEPARTMENT PORT OF DAMIETTA	0.25	0.39	Medium	Medium	0.83	0.86	Very High	Very High	0.22	0.35	Low	Medium
164	QAHA	0.59	0.94	High	Very High	0.75	0.79	High	Very High	0.46	0.76	Medium	Very High
165	QALYUB	0.58	0.92	High	Very High	0.75	0.79	Very High	Very High	0.45	0.75	Medium	Very High
166	QALYUB	0.58	0.92	High	Very High	0.75	0.79	Very High	Very High	0.45	0.75	Medium	Very High
167	QANATIR AL-KHAYRIYYA	0.55	0.90	High	Very High	0.76	0.80	Very High	Very High	0.43	0.74	Medium	High
168	QANTARA GHARB, AL-	0.28	0.65	Medium	High	0.88	0.91	Very High	Very High	0.25	0.62	Medium	High
169	QIFT	0.41	0.62	Medium	High	0.81	0.85	Very High	Very High	0.35	0.54	Medium	High
170	QILLIN	0.03	0.35	Low	Medium	0.79	0.83	Very High	Very High	0.02	0.30	Low	Medium
171	QINA	0.42	0.62	Medium	High	0.79	0.52	Very High	High	0.34	0.33	Medium	Medium
172	QINA	0.42	0.62	Medium	High	0.83	0.84	Very High	Very High	0.35	0.54	Medium	High
173	QINA CITY	0.42	0.62	Medium	High	0.71	0.00	High	Low	0.31	0.00	Medium	Low
174	QURIN	0.37	0.73	Medium	High	0.73	0.77	High	Very High	0.28	0.58	Medium	High
175	QUS	0.41	0.61	Medium	High	0.81	0.85	Very High	Very High	0.34	0.53	Medium	High
176	QUTUR	0.13	0.49	Low	Medium	0.77	0.81	Very High	Very High	0.11	0.41	Low	Medium
177	QUWISNA	0.51	0.82	High	Very High	0.80	0.83	Very High	Very High	0.42	0.71	Medium	High
178	RAS AL-BAR	0.22	0.35	Low	Medium	0.85	0.89	Very High	Very High	0.20	0.32	Low	Medium
179	RASHID	0.05	0.25	Low	Low	0.78	0.82	Very High	Very High	0.04	0.21	Low	Low
180	RIYAD	0.20	0.45	Low	Medium	0.75	0.79	Very High	Very High	0.15	0.36	Low	Medium
181	SADAT CITY	0.52	0.97	High	Very High	0.76	0.80	Very High	Very High	0.41	0.80	Medium	Very High
182	SAF	0.51	0.93	High	Very High	0.65	0.69	High	High	0.34	0.66	Medium	High
183	SAHIL SILIM	0.46	0.67	Medium	High	0.78	0.82	Very High	Very High	0.37	0.57	Medium	High
184	SAMANNUD	0.18	0.51	Low	High	0.77	0.81	Very High	Very High	0.14	0.42	Low	Medium
185	SANTA	0.35	0.69	Medium	High	0.77	0.81	Very High	Very High	0.28	0.58	Medium	High

186	SAQULTA	0.44	0.66	Medium	High	0.80	0.84	Very High	Very High	0.37	0.57	Medium	High
187	SHIBIN AL-KUM	0.51	0.86	High	Very High	0.80	0.83	Very High	Very High	0.42	0.74	Medium	High
188	SHIBIN AL-QANATIR	0.62	0.95	High	Very High	0.75	0.79	Very High	Very High	0.48	0.77	Medium	Very High
189	SHIRBIN	0.27	0.47	Medium	Medium	0.75	0.79	Very High	Very High	0.21	0.39	Low	Medium
190	SHUBRA KH├«T	0.09	0.47	Low	Medium	0.77	0.81	Very High	Very High	0.07	0.39	Low	Medium
191	SIDFA	0.45	0.66	Medium	High	0.79	0.83	Very High	Very High	0.37	0.56	Medium	High
192	SIDI GABIR	0.18	0.55	Low	High	0.68	0.72	High	High	0.13	0.41	Low	Medium
193	SIDI SALIM	0.14	0.38	Low	Medium	0.77	0.81	Very High	Very High	0.11	0.32	Low	Medium
194	SINBILLAWIN	0.22	0.57	Low	High	0.75	0.79	Very High	Very High	0.17	0.47	Low	Medium
195	SINURAS	0.56	0.94	High	Very High	0.85	0.89	Very High	Very High	0.49	0.86	Medium	Very High
196	SIRS AL-LAYYANA CITY	0.55	0.92	High	Very High	0.79	0.83	Very High	Very High	0.45	0.78	Medium	Very High
197	SUHAG	0.42	0.63	Medium	High	0.80	0.84	Very High	Very High	0.35	0.54	Medium	High
198	SUHAG	0.43	0.64	Medium	High	0.80	0.84	Very High	Very High	0.36	0.55	Medium	High
199	SUHAG CITY	0.43	0.63	Medium	High	0.79	0.82	Very High	Very High	0.35	0.54	Medium	High
200	SUHAG-2	0.42	0.63	Medium	High	0.81	0.84	Very High	Very High	0.35	0.55	Medium	High
201	SUMUSTA	0.50	0.84	High	Very High	0.83	0.87	Very High	Very High	0.43	0.76	Medium	Very High
202	TAHTA	0.44	0.65	Medium	High	0.80	0.84	Very High	Very High	0.37	0.57	Medium	High
203	TAL AL-KABIR, AL-	0.35	0.74	Medium	High	0.86	0.90	Very High	Very High	0.31	0.69	Medium	High
204	TALA	0.44	0.79	Medium	Very High	0.80	0.83	Very High	Very High	0.36	0.68	Medium	High
205	TALKHA	0.15	0.44	Low	Medium	0.76	0.79	Very High	Very High	0.12	0.36	Low	Medium
206	TAMA	0.45	0.66	Medium	High	0.81	0.84	Very High	Very High	0.38	0.58	Medium	High
207	TAMY AL-AMDID	0.22	0.57	Low	High	0.75	0.79	Very High	Very High	0.17	0.47	Low	Medium
208	TAMYA	0.57	0.97	High	Very High	1.00	1.00	Very High	Very High	0.59	1.00	High	Very High

209	TANTA	0.32	0.70	Medium	High	0.77	0.81	Very High	Very High	0.26	0.59	Medium	High
210	TANTA 1	0.21	0.61	Low	High	0.77	0.81	Very High	Very High	0.16	0.51	Low	High
211	TANTA 2	0.21	0.61	Low	High	0.77	0.81	Very High	Very High	0.16	0.51	Low	High
212	TIBA POLICE STATION	0.41	0.61	Medium	High	0.94	0.98	Very High	Very High	0.40	0.62	Medium	High
213	TUKH	0.59	0.92	High	Very High	0.76	0.80	Very High	Very High	0.46	0.76	Medium	Very High
214	UMRANIYYA	0.51	0.87	High	Very High	0.65	0.69	High	High	0.34	0.62	Medium	High
215	WARAQ	0.51	0.87	High	Very High	0.66	0.70	High	High	0.35	0.63	Medium	High
216	YOUSEF EL SADEQ	0.53	0.96	High	Very High	0.66	0.74	High	High	0.36	0.74	Medium	High
217	ZAQAZIQ	0.52	0.86	High	Very High	0.74	0.78	High	Very High	0.40	0.69	Medium	High
218	ZAQAZIQ 2	0.45	0.78	Medium	Very High	0.74	0.78	High	Very High	0.34	0.63	Medium	High
219	ZARQA	0.22	0.41	Low	Medium	0.85	0.89	Very High	Very High	0.19	0.38	Low	Medium
220	ZEMAM OUT	0.52	0.91	High	Very High	0.70	0.74	High	High	0.38	0.70	Medium	High
221	ZEMAM OUT	0.61	0.95	High	Very High	0.72	0.76	High	Very High	0.45	0.75	Medium	Very High
222	ZEMAM OUT	0.38	0.83	Medium	Very High	0.73	0.77	High	Very High	0.28	0.66	Medium	High
223	ZIFTA	0.39	0.72	Medium	High	0.77	0.81	Very High	Very High	0.31	0.60	Medium	High

Orange

Nr.	District Name	HAZ SSP 245 INDEX	HAZ SSP 585 INDEX	HAZ SSP 585 CLASS	HAZ SSP 585 CLASS	VUL SSP 245 INDEX	VUL SSP 585 INDEX	VUL SSP 585 CLASS	VUL SSP 585 CLASS	RISK SSP 245 INDEX	RISK SSP 585 INDEX	RISK SSP 585 CLASS	RISK SSP 585 CLASS
1	ABNUB	0.33	0.56	Medium	High	0.78	0.82	Very High	Very High	0.31	0.54	Medium	High
2	ABOUR	0.59	0.90	High	Very High	0.72	0.76	High	Very High	0.50	0.81	High	Very High
3	ABSHAWAY	0.44	0.80	Medium	Very High	0.64	0.73	High	High	0.34	0.70	Medium	High
4	ABU HAMMAD	0.51	0.90	High	Very High	0.73	0.77	High	Very High	0.44	0.82	Medium	Very High
5	ABU HUMMUS	0.13	0.57	Low	High	0.79	0.83	Very High	Very High	0.12	0.57	Low	High
6	ABU KABIR	0.41	0.80	Medium	Very High	0.74	0.77	High	Very High	0.36	0.74	Medium	High
7	ABU TIG	0.32	0.55	Medium	High	0.78	0.82	Very High	Very High	0.30	0.54	Medium	High
8	ABU TISHT	0.31	0.54	Medium	High	0.82	0.85	Very High	Very High	0.30	0.55	Medium	High
9	ABU-L-MATAMIR	0.27	0.70	Medium	High	0.73	0.77	High	Very High	0.23	0.65	Low	High
10	ADFU	0.31	0.54	Medium	High	0.87	0.91	Very High	Very High	0.32	0.58	Medium	High
11	AGA	0.34	0.73	Medium	High	0.75	0.78	High	Very High	0.30	0.68	Medium	High
12	AHNASYA	0.36	0.66	Medium	High	0.84	0.88	Very High	Very High	0.36	0.69	Medium	High
13	AKHMIM	0.32	0.54	Medium	High	0.81	0.85	Very High	Very High	0.30	0.54	Medium	High
14	AL AMREIA	0.25	0.64	Medium	High	0.65	0.68	High	High	0.20	0.52	Low	High
15	AL- BADARI	0.33	0.55	Medium	High	0.79	0.82	Very High	Very High	0.30	0.54	Medium	High
16	AL FASHN	0.34	0.58	Medium	High	0.84	0.88	Very High	Very High	0.34	0.61	Medium	High
17	AL HAMUL	0.05	0.36	Low	Medium	0.78	0.82	Very High	Very High	0.05	0.35	Low	Medium
18	AL KHANKA	0.59	0.90	High	Very High	0.73	0.77	High	Very High	0.51	0.83	High	Very High
19	AL SALAM	0.60	0.92	High	Very High	0.51	0.54	High	High	0.36	0.60	Medium	High
20	AL TIBBIN	0.56	0.97	High	Very High	0.51	0.54	High	High	0.34	0.63	Medium	High
21	AL USAYRAT	0.31	0.53	Medium	High	0.81	0.84	Very High	Very High	0.30	0.54	Medium	High
22	AL WAQF	0.32	0.55	Medium	High	0.82	0.85	Very High	Very High	0.31	0.56	Medium	High
23	AL WASTA	0.39	0.72	Medium	High	0.84	0.88	Very High	Very High	0.39	0.75	Medium	Very High
24	AL-AHRAM	0.42	0.76	Medium	Very High	0.64	0.68	High	High	0.32	0.61	Medium	High
25	AL-BAGUR	0.54	0.88	High	Very High	0.79	0.82	Very High	Very High	0.51	0.86	High	Very High
26	AL-BALYANA	0.31	0.54	Medium	High	0.79	0.83	Very High	Very High	0.29	0.53	Medium	High
27	AL-DILINGAT	0.34	0.79	Medium	Very High	0.76	0.79	Very High	Very High	0.31	0.75	Medium	High
28	ALFATH	0.33	0.56	Medium	High	0.78	0.82	Very High	Very High	0.31	0.54	Medium	High
29	AL-GANOUB	0.37	0.59	Medium	High	0.83	0.87	Very High	Very High	0.36	0.61	Medium	High
30	AL-GANOUB 2	0.36	0.65	Medium	High	0.82	0.86	Very High	Very High	0.35	0.66	Medium	High
31	AL-GHANAYEM	0.31	0.54	Medium	High	0.78	0.82	Very High	Very High	0.29	0.53	Medium	High
32	AL-HUSAYNIYA	0.37	0.72	Medium	High	0.73	0.77	High	Very High	0.32	0.66	Medium	High
33	AL-MAHMUDIYYA	0.05	0.44	Low	Medium	0.78	0.82	Very High	Very High	0.05	0.43	Low	Medium
34	AL-MARAGHA	0.32	0.55	Medium	High	0.81	0.84	Very High	Very High	0.31	0.55	Medium	High
35	AL-MINSHAT	0.31	0.54	Medium	High	0.80	0.84	Very High	Very High	0.30	0.54	Medium	High
36	AL-QUSIA	0.33	0.55	Medium	High	0.77	0.81	Very High	Very High	0.30	0.53	Medium	High
37	AL-RAHMANIYYA	0.10	0.51	Low	High	0.77	0.80	Very High	Very High	0.09	0.49	Low	Medium
38	AL-SALHIYYA	0.48	0.85	Medium	Very High	0.70	0.74	High	High	0.40	0.75	Medium	Very High
39	AL-SHUHADA	0.47	0.88	Medium	Very High	0.79	0.83	Very High	Very High	0.44	0.86	Medium	Very High
40	ARMANT	0.33	0.55	Medium	High	0.83	0.87	Very High	Very High	0.32	0.58	Medium	High
41	ASHMUN	0.48	0.86	Medium	Very High	0.79	0.83	Very High	Very High	0.45	0.85	Medium	Very High

42	ASSUIT	0.33	0.56	Medium	High	0.78	0.81	Very High	Very High	0.31	0.54	Medium	High
43	ASSUIT CITY	0.33	0.55	Medium	High	0.77	0.80	Very High	Very High	0.30	0.53	Medium	High
44	ASWAN	0.27	0.50	Medium	High	0.86	0.90	Very High	Very High	0.28	0.54	Medium	High
45	ATFEH	0.38	0.75	Medium	Very High	0.65	0.69	High	High	0.30	0.62	Medium	High
46	ATSA	0.42	0.83	Medium	Very High	0.70	0.76	High	Very High	0.35	0.75	Medium	Very High
47	AUSEEM	0.42	0.76	Medium	Very High	0.66	0.70	High	High	0.33	0.63	Medium	High
48	AWLAD SAQR	0.30	0.66	Medium	High	0.74	0.78	High	Very High	0.27	0.62	Medium	High
49	AYAT	0.39	0.81	Medium	Very High	0.65	0.68	High	High	0.30	0.66	Medium	High
50	BAB SHARQI	0.28	0.64	Medium	High	0.65	0.69	High	High	0.22	0.52	Low	High
51	BADR	0.48	0.88	Medium	Very High	0.73	0.77	High	Very High	0.42	0.81	Medium	Very High
52	BADRASHAIN	0.47	0.87	Medium	Very High	0.64	0.68	High	High	0.36	0.70	Medium	High
53	BANHA	0.56	0.89	High	Very High	0.76	0.79	Very High	Very High	0.50	0.84	High	Very High
54	BANHA	0.56	0.86	High	Very High	0.76	0.80	Very High	Very High	0.50	0.81	High	Very High
55	BANI SWAYF	0.34	0.58	Medium	High	0.84	0.88	Very High	Very High	0.34	0.61	Medium	High
56	BANI SWAYF	0.37	0.70	Medium	High	0.84	0.88	Very High	Very High	0.38	0.74	Medium	High
57	BANY ABEED	0.29	0.63	Medium	High	0.75	0.79	High	Very High	0.26	0.59	Medium	High
58	BASATIN	0.56	0.97	High	Very High	0.47	0.51	Medium	High	0.32	0.59	Medium	High
59	BASYUN	0.20	0.65	Low	High	0.77	0.80	Very High	Very High	0.19	0.62	Low	High
60	BIBA	0.36	0.64	Medium	High	0.84	0.88	Very High	Very High	0.36	0.68	Medium	High
61	BILBIS	0.57	0.91	High	Very High	0.72	0.76	High	Very High	0.49	0.82	Medium	Very High
62	BILQAS	0.08	0.35	Low	Medium	0.73	0.77	High	Very High	0.07	0.32	Low	Medium
63	BIRKAT AL-SAB	0.54	0.82	High	Very High	0.79	0.83	Very High	Very High	0.50	0.80	High	Very High
64	BIYALU	0.16	0.50	Low	Medium	0.78	0.82	Very High	Very High	0.15	0.49	Low	Medium
65	BURG AL-ARAB	0.22	0.57	Low	High	0.64	0.68	High	High	0.17	0.46	Low	Medium
66	BURG AL-ARAB CITY	0.23	0.63	Low	High	0.64	0.68	High	High	0.18	0.50	Low	High
67	BURULLUS	0.00	0.22	Low	Low	0.77	0.81	Very High	Very High	0.00	0.21	Low	Low
68	DAMANHUR	0.17	0.64	Low	High	0.78	0.81	Very High	Very High	0.16	0.62	Low	High
69	DAR AL-SALAM	0.31	0.54	Medium	High	0.79	0.83	Very High	Very High	0.29	0.53	Medium	High
70	DARAW	0.28	0.51	Medium	High	0.86	0.90	Very High	Very High	0.29	0.55	Medium	High
71	DAYRUT	0.33	0.55	Medium	High	0.64	0.67	High	High	0.25	0.44	Low	Medium
72	DIKIRNIS	0.26	0.60	Medium	High	0.75	0.79	High	Very High	0.23	0.56	Low	High
73	DISHNA	0.32	0.55	Medium	High	0.82	0.86	Very High	Very High	0.31	0.56	Medium	High
74	DISUQ	0.10	0.51	Low	High	0.79	0.82	Very High	Very High	0.09	0.50	Low	High
75	DISUQ	0.06	0.44	Low	Medium	0.79	0.82	Very High	Very High	0.06	0.44	Low	Medium
76	DUMYAT	0.15	0.39	Low	Medium	0.84	0.88	Very High	Very High	0.15	0.41	Low	Medium
77	DUMYAT 1	0.09	0.34	Low	Medium	0.84	0.88	Very High	Very High	0.09	0.36	Low	Medium
78	DUMYAT 2	0.09	0.34	Low	Medium	0.83	0.87	Very High	Very High	0.09	0.36	Low	Medium
79	DUMYAT AL-GADIDA	0.08	0.34	Low	Medium	0.82	0.86	Very High	Very High	0.08	0.35	Low	Medium
80	DYARB NIGM	0.45	0.81	Medium	Very High	0.74	0.77	High	Very High	0.40	0.75	Medium	High
81	E MANSORA 2	0.25	0.63	Low	High	0.74	0.78	High	Very High	0.22	0.59	Low	High
82	EL MAHALLA EL KOBRA	0.29	0.69	Medium	High	0.76	0.80	Very High	Very High	0.27	0.65	Medium	High
83	EL MAHALLA EL KOBRA 1	0.38	0.79	Medium	Very High	0.76	0.80	Very High	Very High	0.35	0.75	Medium	Very High
84	EL MAHALLA EL KOBRA 2	0.29	0.69	Medium	High	0.76	0.80	Very High	Very High	0.27	0.65	Medium	High
85	EL MANSORA	0.30	0.67	Medium	High	0.75	0.79	High	Very High	0.26	0.63	Medium	High

86	EL MANSORA 1	0.25	0.63	Low	High	0.75	0.79	High	Very High	0.22	0.59	Low	High
87	EL-IBRAHIMIYA	0.48	0.83	Medium	Very High	0.74	0.77	High	Very High	0.42	0.76	Medium	Very High
88	FAQUS	0.41	0.80	Medium	Very High	0.73	0.77	High	Very High	0.36	0.74	Medium	High
89	FARISKUR	0.17	0.46	Low	Medium	0.85	0.89	Very High	Very High	0.18	0.49	Low	Medium
90	FARSHUT	0.31	0.54	Medium	High	0.81	0.84	Very High	Very High	0.30	0.54	Medium	High
91	FAYYUM	0.41	0.77	Medium	Very High	0.79	0.83	Very High	Very High	0.39	0.76	Medium	Very High
92	FAYYUM CITY	0.41	0.83	Medium	Very High	0.79	0.83	Very High	Very High	0.39	0.82	Medium	Very High
93	FUWWA	0.05	0.43	Low	Medium	0.80	0.83	Very High	Very High	0.05	0.43	Low	Medium
94	GAMALIYYA	0.20	0.46	Low	Medium	0.76	0.80	Very High	Very High	0.18	0.44	Low	Medium
95	GIRGA	0.31	0.53	Medium	High	0.81	0.85	Very High	Very High	0.30	0.54	Medium	High
96	GIRGA	0.31	0.53	Medium	High	0.80	0.84	Very High	Very High	0.30	0.54	Medium	High
97	GIZA	0.42	0.76	Medium	Very High	0.66	0.70	High	High	0.33	0.63	Medium	High
98	GIZA	0.56	0.97	High	Very High	0.65	0.69	High	High	0.44	0.80	Medium	Very High
99	GUHAYNA AL-GHARBIYYA	0.31	0.54	Medium	High	0.80	0.84	Very High	Very High	0.30	0.54	Medium	High
100	HIHYA	0.55	0.87	High	Very High	0.74	0.77	High	Very High	0.48	0.80	Medium	Very High
101	HILWAN	0.56	0.97	High	Very High	0.48	0.52	Medium	High	0.32	0.60	Medium	High
102	HUSH ISA	0.22	0.71	Low	High	0.77	0.81	Very High	Very High	0.20	0.68	Low	High
103	HWAMDEIA	0.56	0.97	High	Very High	0.66	0.69	High	High	0.44	0.80	Medium	Very High
104	IDKU	0.05	0.44	Low	Medium	0.79	0.83	Very High	Very High	0.05	0.43	Low	Medium
105	IMBABA	0.45	0.85	Medium	Very High	0.65	0.69	High	High	0.35	0.70	Medium	High
106	ISMAILIYYA	0.46	0.85	Medium	Very High	0.87	0.90	Very High	Very High	0.48	0.92	Medium	Very High
107	ISMAILIYYA 2	0.46	0.85	Medium	Very High	0.86	0.90	Very High	Very High	0.48	0.91	Medium	Very High
108	ISNA	0.32	0.55	Medium	High	0.84	0.88	Very High	Very High	0.32	0.58	Medium	High
109	ITAY AL-BARUD	0.30	0.77	Medium	Very High	0.77	0.80	Very High	Very High	0.27	0.74	Medium	High
110	KAFR AL-DAWWAR	0.19	0.61	Low	High	0.80	0.84	Very High	Very High	0.18	0.61	Low	High
111	KAFR AL-SHAYKH	0.11	0.48	Low	Medium	0.78	0.82	Very High	Very High	0.10	0.47	Low	Medium
112	KAFR AL-ZAYYAT	0.39	0.82	Medium	Very High	0.77	0.80	Very High	Very High	0.36	0.78	Medium	Very High
113	KAFR SAD	0.08	0.35	Low	Medium	0.84	0.87	Very High	Very High	0.08	0.36	Low	Medium
114	KAFR SAQR	0.40	0.80	Medium	Very High	0.74	0.78	High	Very High	0.35	0.74	Medium	High
115	KAFR SHUKR	0.55	0.85	High	Very High	0.76	0.80	Very High	Very High	0.50	0.81	High	Very High
116	KARDASA	0.42	0.76	Medium	Very High	0.65	0.69	High	High	0.32	0.62	Medium	High
117	KESM AL-MINYA	0.35	0.57	Medium	High	0.69	0.73	High	High	0.29	0.50	Medium	Medium
118	KESM AWAL ASSUIT	0.33	0.56	Medium	High	0.77	0.81	Very High	Very High	0.30	0.54	Medium	High
119	KESM MALLAWI	0.34	0.56	Medium	High	0.64	0.67	High	High	0.26	0.45	Medium	Medium
120	KESM TAHTA	0.32	0.54	Medium	High	0.80	0.84	Very High	Very High	0.30	0.54	Medium	High
121	KESM THAN AL RAML	0.21	0.63	Low	High	0.71	0.74	High	High	0.18	0.56	Low	High
122	KESM THAN ASSUIT	0.33	0.56	Medium	High	0.78	0.82	Very High	Very High	0.31	0.54	Medium	High
123	KHSOS	0.60	0.92	High	Very High	0.71	0.75	High	Very High	0.51	0.83	High	Very High
124	KUM HAMADA	0.41	0.83	Medium	Very High	0.76	0.80	Very High	Very High	0.37	0.79	Medium	Very High
125	KUM UMBU	0.29	0.52	Medium	High	0.95	0.97	Very High	Very High	0.33	0.60	Medium	High
126	LUXOR	0.33	0.56	Medium	High	0.95	0.99	Very High	Very High	0.38	0.66	Medium	High
127	LUXOR	0.33	0.55	Medium	High	0.96	1.00	Very High	Very High	0.38	0.66	Medium	High
128	MAADI	0.56	0.97	High	Very High	0.48	0.52	Medium	High	0.32	0.60	Medium	High
129	MAHALET DEMNA	0.24	0.60	Low	High	0.75	0.79	Very High	Very High	0.21	0.57	Low	High
130	MANFALUT	0.33	0.56	Medium	High	0.77	0.81	Very High	Very High	0.31	0.54	Medium	High

131	MANZALA	0.34	0.60	Medium	High	0.76	0.80	Very High	Very High	0.30	0.57	Medium	High
132	MARG	0.60	0.92	High	Very High	0.58	0.62	High	High	0.42	0.68	Medium	High
133	MARKZ ABU QURQAS	0.34	0.57	Medium	High	0.63	0.66	High	High	0.26	0.45	Medium	Medium
134	MARKZ AL IDWA	0.34	0.58	Medium	High	0.74	0.77	High	Very High	0.30	0.53	Medium	High
135	MARKZ AL MINYA	0.35	0.57	Medium	High	0.61	0.64	High	High	0.25	0.44	Medium	Medium
136	MARKZ BANI MAZAR	0.34	0.57	Medium	High	0.81	0.77	Very High	Very High	0.33	0.52	Medium	High
137	MARKZ DIR MAWAS	0.33	0.56	Medium	High	0.60	0.63	High	High	0.24	0.42	Low	Medium
138	MARKZ MAGHAGHA	0.34	0.58	Medium	High	0.78	0.77	Very High	Very High	0.32	0.53	Medium	High
139	MARKZ MALLAWI	0.34	0.56	Medium	High	0.64	0.67	High	High	0.26	0.45	Medium	Medium
140	MARKZ MATAY	0.34	0.57	Medium	High	0.77	0.75	Very High	High	0.31	0.51	Medium	High
141	MARKZ SAMALUT	0.34	0.57	Medium	High	0.62	0.65	High	High	0.25	0.44	Medium	Medium
142	MASHTUL AL-SUQ	0.57	0.88	High	Very High	0.73	0.77	High	Very High	0.49	0.80	Medium	Very High
143	MATARIYYA	0.34	0.60	Medium	High	0.76	0.80	Very High	Very High	0.31	0.58	Medium	High
144	MINUF	0.52	0.88	High	Very High	0.79	0.83	Very High	Very High	0.49	0.87	Medium	Very High
145	MINUF CITY	0.53	0.87	High	Very High	0.79	0.83	Very High	Very High	0.50	0.86	Medium	Very High
146	MINYA AL-NASR	0.27	0.58	Medium	High	0.75	0.79	Very High	Very High	0.24	0.55	Low	High
147	MINYA AL-QAMH	0.56	0.86	High	Very High	0.74	0.77	High	Very High	0.50	0.80	Medium	Very High
148	MISR AL-QADIMA	0.53	0.88	High	Very High	0.48	0.52	Medium	High	0.30	0.55	Medium	High
149	MIT GHAMR	0.56	0.85	High	Very High	0.75	0.78	High	Very High	0.50	0.79	Medium	Very High
150	MIT GHAMR	0.46	0.80	Medium	Very High	0.75	0.79	High	Very High	0.41	0.75	Medium	Very High
151	MIT SALSIL	0.20	0.46	Low	Medium	0.77	0.81	Very High	Very High	0.18	0.45	Low	Medium
152	MITUBAS	0.01	0.36	Low	Medium	0.79	0.83	Very High	Very High	0.01	0.35	Low	Medium
153	MUBARK-SHARQ TAFREA	0.37	0.56	Medium	High	0.83	0.87	Very High	Very High	0.36	0.58	Medium	High
154	MUHARAM BIK	0.28	0.64	Medium	High	0.68	0.72	High	High	0.23	0.54	Low	High
155	MUNTAZAH	0.17	0.56	Low	High	0.71	0.75	High	High	0.14	0.50	Low	Medium
156	NAG HAMMADI	0.32	0.54	Medium	High	0.81	0.85	Very High	Very High	0.30	0.55	Medium	High
157	NAQADA	0.33	0.55	Medium	High	0.83	0.87	Very High	Very High	0.32	0.57	Medium	High
158	NASIR	0.40	0.75	Medium	Very High	0.84	0.88	Very High	Very High	0.40	0.79	Medium	Very High
159	NASR	0.29	0.51	Medium	High	0.96	0.98	Very High	Very High	0.33	0.60	Medium	High
160	NEBRO	0.23	0.61	Low	High	0.74	0.78	High	Very High	0.20	0.57	Low	High
161	NEW MINYA	0.36	0.59	Medium	High	0.78	0.82	Very High	Very High	0.33	0.57	Medium	High
162	NORTH COAST	0.20	0.55	Low	High	0.68	0.71	High	High	0.16	0.46	Low	Medium
163	POLICE DEPARTMENT PORT OF DAMIETTA	0.08	0.34	Low	Medium	0.82	0.86	Very High	Very High	0.08	0.35	Low	Medium
164	QAHA	0.56	0.89	High	Very High	0.75	0.79	High	Very High	0.50	0.83	Medium	Very High
165	QALYUB	0.51	0.84	High	Very High	0.75	0.79	High	Very High	0.46	0.79	Medium	Very High
166	QALYUB	0.54	0.86	High	Very High	0.75	0.79	Very High	Very High	0.48	0.81	Medium	Very High
167	QANATIR AL-KHAYRIYYA	0.49	0.82	Medium	Very High	0.76	0.80	Very High	Very High	0.44	0.78	Medium	Very High
168	QANTARA GHARB, AL-	0.41	0.81	Medium	Very High	0.87	0.91	Very High	Very High	0.42	0.87	Medium	Very High
169	QIFT	0.32	0.55	Medium	High	0.82	0.85	Very High	Very High	0.31	0.56	Medium	High
170	QILLIN	0.13	0.55	Low	High	0.78	0.82	Very High	Very High	0.12	0.53	Low	High
171	QINA	0.32	0.55	Medium	High	0.79	0.52	Very High	High	0.30	0.34	Medium	Medium

172	QINA	0.33	0.55	Medium	High	0.83	0.85	Very High	Very High	0.32	0.56	Medium	High
173	QINA CITY	0.32	0.55	Medium	High	0.71	0.00	High	Low	0.27	0.00	Medium	Low
174	QURIN	0.49	0.85	Medium	Very High	0.73	0.76	High	Very High	0.42	0.77	Medium	Very High
175	QUS	0.33	0.56	Medium	High	0.82	0.85	Very High	Very High	0.32	0.57	Medium	High
176	QUTUR	0.26	0.67	Medium	High	0.77	0.81	Very High	Very High	0.23	0.64	Low	High
177	QUWISNA	0.55	0.85	High	Very High	0.79	0.83	Very High	Very High	0.52	0.84	High	Very High
178	RAS AL-BAR	0.09	0.34	Low	Medium	0.85	0.88	Very High	Very High	0.09	0.36	Low	Medium
179	RASHID	0.01	0.36	Low	Medium	0.78	0.81	Very High	Very High	0.01	0.35	Low	Medium
180	RIYAD	0.11	0.48	Low	Medium	0.75	0.78	High	Very High	0.10	0.45	Low	Medium
181	SADAT CITY	0.52	0.97	High	Very High	0.76	0.80	Very High	Very High	0.47	0.92	Medium	Very High
182	SAF	0.43	0.85	Medium	Very High	0.65	0.68	High	High	0.33	0.69	Medium	High
183	SAHIL SILIM	0.33	0.55	Medium	High	0.78	0.82	Very High	Very High	0.31	0.54	Medium	High
184	SAMANNUD	0.30	0.69	Medium	High	0.77	0.80	Very High	Very High	0.28	0.66	Medium	High
185	SANTA	0.46	0.80	Medium	Very High	0.77	0.81	Very High	Very High	0.42	0.77	Medium	Very High
186	SAQULTA	0.32	0.55	Medium	High	0.81	0.85	Very High	Very High	0.31	0.55	Medium	High
187	SHIBIN AL-KUM	0.52	0.86	High	Very High	0.79	0.83	Very High	Very High	0.49	0.85	Medium	Very High
188	SHIBIN AL-QANATIR	0.59	0.90	High	Very High	0.75	0.79	Very High	Very High	0.52	0.85	High	Very High
189	SHIRBIN	0.16	0.48	Low	Medium	0.75	0.79	High	Very High	0.14	0.45	Low	Medium
190	SHUBRA KH ├«T	0.20	0.65	Low	High	0.76	0.80	Very High	Very High	0.19	0.62	Low	High
191	SIDFA	0.32	0.55	Medium	High	0.79	0.83	Very High	Very High	0.30	0.54	Medium	High
192	SIDI GABIR	0.28	0.64	Medium	High	0.68	0.72	High	High	0.23	0.55	Low	High
193	SIDI SALIM	0.05	0.42	Low	Medium	0.77	0.81	Very High	Very High	0.04	0.41	Low	Medium
194	SINBILLAWIN	0.35	0.75	Medium	High	0.75	0.79	High	Very High	0.32	0.70	Medium	High
195	SINURAS	0.44	0.80	Medium	Very High	0.85	0.88	Very High	Very High	0.45	0.85	Medium	Very High
196	SIRS AL-LAYYANA CITY	0.53	0.87	High	Very High	0.79	0.83	Very High	Very High	0.50	0.86	Medium	Very High
197	SUHAG	0.31	0.53	Medium	High	0.80	0.84	Very High	Very High	0.29	0.53	Medium	High
198	SUHAG	0.31	0.54	Medium	High	0.80	0.84	Very High	Very High	0.30	0.54	Medium	High
199	SUHAG CITY	0.31	0.53	Medium	High	0.79	0.83	Very High	Very High	0.29	0.53	Medium	High
200	SUHAG-2	0.31	0.53	Medium	High	0.81	0.85	Very High	Very High	0.30	0.54	Medium	High
201	SUMUSTA	0.38	0.70	Medium	High	0.84	0.87	Very High	Very High	0.38	0.73	Medium	High
202	TAHTA	0.32	0.54	Medium	High	0.81	0.84	Very High	Very High	0.31	0.55	Medium	High
203	TAL AL-KABIR, AL-	0.45	0.85	Medium	Very High	0.86	0.90	Very High	Very High	0.46	0.91	Medium	Very High
204	TALA	0.50	0.85	High	Very High	0.79	0.83	Very High	Very High	0.47	0.84	Medium	Very High
205	TALKHA	0.25	0.63	Low	High	0.75	0.79	High	Very High	0.22	0.60	Low	High
206	TAMA	0.32	0.55	Medium	High	0.81	0.85	Very High	Very High	0.31	0.55	Medium	High
207	TAMY AL-AMDID	0.35	0.75	Medium	High	0.75	0.79	High	Very High	0.32	0.70	Medium	High
208	TAMYA	0.45	0.84	Medium	Very High	1.00	1.00	Very High	Very High	0.53	1.00	High	Very High
209	TANTA	0.42	0.81	Medium	Very High	0.77	0.81	Very High	Very High	0.39	0.78	Medium	Very High
210	TANTA 1	0.35	0.77	Medium	Very High	0.76	0.80	Very High	Very High	0.32	0.74	Medium	High
211	TANTA 2	0.35	0.77	Medium	Very High	0.76	0.80	Very High	Very High	0.32	0.74	Medium	High
212	TIBA POLICE STATION	0.33	0.56	Medium	High	0.95	0.99	Very High	Very High	0.37	0.65	Medium	High
213	TUKH	0.56	0.88	High	Very High	0.76	0.79	Very High	Very High	0.51	0.84	High	Very High
214	UMRANIYYA	0.42	0.76	Medium	Very High	0.65	0.69	High	High	0.32	0.62	Medium	High
215	WARAQ	0.42	0.76	Medium	Very High	0.66	0.70	High	High	0.33	0.63	Medium	High
216	YOUSEF EL SADEQ	0.41	0.83	Medium	Very High	0.66	0.74	High	High	0.32	0.73	Medium	High

217	ZAQAZIQ	0.57	0.91	High	Very High	0.74	0.78	High	Very High	0.50	0.84	High	Very High
218	ZAQAZIQ 2	0.55	0.87	High	Very High	0.74	0.78	High	Very High	0.48	0.81	Medium	Very High
219	ZARQA	0.20	0.50	Low	High	0.84	0.88	Very High	Very High	0.20	0.53	Low	High
220	ZEMAM OUT	0.54	0.93	High	Very High	0.70	0.74	High	High	0.45	0.82	Medium	Very High
221	ZEMAM OUT	0.60	0.93	High	Very High	0.72	0.76	High	Very High	0.51	0.85	High	Very High
222	ZEMAM OUT	0.45	0.90	Medium	Very High	0.73	0.77	High	Very High	0.39	0.82	Medium	Very High
223	ZIFTA	0.49	0.82	Medium	Very High	0.77	0.81	Very High	Very High	0.45	0.79	Medium	Very High

Potato

Nr.	District Name	HAZ SSP 245 INDEX	HAZ SSP 585 INDEX	HAZ SSP 585 CLASS	HAZ SSP 585 CLASS	VUL SSP 245 INDEX	VUL SSP 585 INDEX	VUL SSP 585 CLASS	VUL SSP 585 CLASS	RISK SSP 245 INDEX	RISK SSP 585 INDEX	RISK SSP 585 CLASS	RISK SSP 585 CLASS
1	ABNUB	0.28	0.68	Medium	High	0.78	0.82	Very High	Very High	0.23	0.59	Low	High
2	ABOUR	0.45	0.88	Medium	Very High	0.72	0.76	High	Very High	0.34	0.71	Medium	High
3	ABSHAWAY	0.34	0.90	Medium	Very High	0.64	0.73	High	High	0.23	0.70	Low	High
4	ABU-L-MATAMIR	0.09	0.62	Low	High	0.74	0.78	High	Very High	0.07	0.51	Low	High
5	ABU HAMMAD	0.37	0.88	Medium	Very High	0.73	0.77	High	Very High	0.29	0.72	Medium	High
6	ABU HUMMUS	0.08	0.60	Low	High	0.80	0.83	Very High	Very High	0.07	0.53	Low	High
7	ABU KABIR	0.33	0.81	Medium	Very High	0.74	0.78	High	Very High	0.26	0.67	Medium	High
8	ABU TIG	0.29	0.69	Medium	High	0.78	0.82	Very High	Very High	0.24	0.60	Low	High
9	ABU TISHT	0.32	0.71	Medium	High	0.81	0.85	Very High	Very High	0.27	0.64	Medium	High
10	ADFU	0.31	0.71	Medium	High	0.87	0.91	Very High	Very High	0.29	0.69	Medium	High
11	AGA	0.26	0.72	Medium	High	0.75	0.79	Very High	Very High	0.21	0.61	Low	High
12	AHNASYA	0.24	0.71	Low	High	0.84	0.88	Very High	Very High	0.21	0.66	Low	High
13	AKHMIM	0.29	0.69	Medium	High	0.80	0.84	Very High	Very High	0.25	0.62	Low	High
14	AL- BADARI	0.29	0.69	Medium	High	0.78	0.82	Very High	Very High	0.24	0.60	Low	High
15	AL-AHRAM	0.22	0.72	Low	High	0.64	0.68	High	High	0.15	0.52	Low	High
16	AL-BAGUR	0.37	0.83	Medium	Very High	0.79	0.83	Very High	Very High	0.31	0.73	Medium	High
17	AL-BALYANA	0.31	0.71	Medium	High	0.78	0.82	Very High	Very High	0.26	0.62	Medium	High
18	AL-DILINGAT	0.14	0.70	Low	High	0.76	0.80	Very High	Very High	0.11	0.59	Low	High
19	AL-GANOUB	0.22	0.47	Low	Medium	0.84	0.88	Very High	Very High	0.20	0.43	Low	Medium
20	AL-GANOUB 2	0.24	0.57	Low	High	0.83	0.86	Very High	Very High	0.21	0.52	Low	High
21	AL-GHANAYEM	0.29	0.70	Medium	High	0.78	0.82	Very High	Very High	0.24	0.60	Low	High
22	AL-HUSAYNIYA	0.32	0.74	Medium	High	0.74	0.78	High	Very High	0.25	0.61	Medium	High
23	AL-MAHMUDIYYA	0.11	0.57	Low	High	0.79	0.83	Very High	Very High	0.09	0.50	Low	Medium
24	AL-MARAGHA	0.29	0.69	Medium	High	0.80	0.84	Very High	Very High	0.24	0.61	Low	High
25	AL-MINSHAT	0.29	0.69	Medium	High	0.80	0.84	Very High	Very High	0.25	0.62	Low	High
26	AL-QUSIA	0.27	0.67	Medium	High	0.77	0.81	Very High	Very High	0.22	0.58	Low	High
27	AL-RAHMANIYYA	0.08	0.55	Low	High	0.77	0.81	Very High	Very High	0.06	0.47	Low	Medium
28	AL-SALHIYYA	0.38	0.84	Medium	Very High	0.71	0.75	High	High	0.28	0.66	Medium	High
29	AL-SHUHADA	0.25	0.77	Medium	Very High	0.80	0.83	Very High	Very High	0.21	0.68	Low	High
30	AL AMREIA	0.05	0.51	Low	High	0.65	0.69	High	High	0.03	0.38	Low	Medium
31	AL FASHN	0.23	0.62	Low	High	0.84	0.87	Very High	Very High	0.20	0.58	Low	High
32	AL HAMUL	0.19	0.58	Low	High	0.79	0.83	Very High	Very High	0.16	0.51	Low	High
33	AL KHANKA	0.45	0.88	Medium	Very High	0.74	0.77	High	Very High	0.35	0.72	Medium	High
34	AL SALAM	0.47	0.92	Medium	Very High	0.51	0.55	High	High	0.26	0.53	Medium	High
35	AL TIBBIN	0.41	0.96	Medium	Very High	0.51	0.55	High	High	0.22	0.56	Low	High
36	AL USAYRAT	0.30	0.70	Medium	High	0.80	0.84	Very High	Very High	0.25	0.62	Medium	High
37	AL WAQF	0.33	0.73	Medium	High	0.81	0.85	Very High	Very High	0.29	0.66	Medium	High
38	AL WASTA	0.27	0.78	Medium	Very High	0.84	0.88	Very High	Very High	0.24	0.72	Low	High
39	ALFATH	0.28	0.68	Medium	High	0.78	0.82	Very High	Very High	0.23	0.59	Low	High
40	ARMANT	0.34	0.74	Medium	High	0.83	0.87	Very High	Very High	0.30	0.68	Medium	High
41	ASHMUN	0.29	0.82	Medium	Very High	0.79	0.83	Very High	Very High	0.24	0.72	Low	High

42	ASSUIT	0.28	0.68	Medium	High	0.77	0.81	Very High	Very High	0.23	0.59	Low	High
43	ASSUIT CITY	0.29	0.69	Medium	High	0.76	0.80	Very High	Very High	0.23	0.59	Low	High
44	ASWAN	0.26	0.66	Medium	High	0.86	0.90	Very High	Very High	0.24	0.63	Low	High
45	ATFEH	0.24	0.80	Low	Very High	0.65	0.69	High	High	0.16	0.58	Low	High
46	ATSA	0.31	0.94	Medium	Very High	0.70	0.76	High	Very High	0.23	0.76	Low	Very High
47	AUSEEM	0.22	0.72	Low	High	0.66	0.70	High	High	0.15	0.53	Low	High
48	AWLAD SAQR	0.34	0.77	Medium	Very High	0.75	0.79	High	Very High	0.27	0.64	Medium	High
49	AYAT	0.23	0.84	Low	Very High	0.65	0.69	High	High	0.16	0.62	Low	High
50	BAB SHARQI	0.05	0.49	Low	Medium	0.65	0.69	High	High	0.03	0.36	Low	Medium
51	BADR	0.27	0.80	Medium	Very High	0.74	0.78	High	Very High	0.21	0.66	Low	High
52	BADRASHAIN	0.29	0.85	Medium	Very High	0.65	0.69	High	High	0.20	0.62	Low	High
53	BANHA	0.40	0.85	Medium	Very High	0.76	0.80	Very High	Very High	0.32	0.72	Medium	High
54	BANHA	0.40	0.78	Medium	Very High	0.76	0.80	Very High	Very High	0.32	0.66	Medium	High
55	BANI SWAYF	0.20	0.59	Low	High	0.84	0.87	Very High	Very High	0.18	0.55	Low	High
56	BANI SWAYF	0.25	0.76	Low	Very High	0.84	0.88	Very High	Very High	0.22	0.71	Low	High
57	BANY ABEED	0.34	0.75	Medium	High	0.76	0.79	Very High	Very High	0.27	0.63	Medium	High
58	BASATIN	0.41	0.96	Medium	Very High	0.48	0.52	Medium	High	0.21	0.53	Low	High
59	BASYUN	0.09	0.61	Low	High	0.77	0.81	Very High	Very High	0.07	0.52	Low	High
60	BIBA	0.23	0.69	Low	High	0.84	0.88	Very High	Very High	0.21	0.64	Low	High
61	BILBIS	0.44	0.86	Medium	Very High	0.72	0.76	High	Very High	0.33	0.70	Medium	High
62	BILQAS	0.26	0.61	Medium	High	0.74	0.78	High	Very High	0.20	0.50	Low	High
63	BIRKAT AL-SAB	0.35	0.70	Medium	High	0.79	0.83	Very High	Very High	0.30	0.61	Medium	High
64	BIYALU	0.26	0.65	Medium	High	0.79	0.83	Very High	Very High	0.21	0.57	Low	High
65	BURG AL-ARAB	0.03	0.44	Low	Medium	0.65	0.69	High	High	0.02	0.32	Low	Medium
66	BURG AL-ARAB CITY	0.04	0.51	Low	High	0.64	0.68	High	High	0.03	0.36	Low	Medium
67	BURULLUS	0.22	0.53	Low	High	0.78	0.81	Very High	Very High	0.18	0.45	Low	Medium
68	DAMANHUR	0.08	0.63	Low	High	0.78	0.82	Very High	Very High	0.07	0.55	Low	High
69	DAR AL-SALAM	0.31	0.71	Medium	High	0.79	0.83	Very High	Very High	0.26	0.62	Medium	High
70	DARAW	0.27	0.67	Medium	High	0.86	0.90	Very High	Very High	0.25	0.64	Low	High
71	DAYRUT	0.27	0.67	Medium	High	0.64	0.67	High	High	0.19	0.48	Low	Medium
72	DIKIRNIS	0.35	0.75	Medium	High	0.76	0.79	Very High	Very High	0.28	0.63	Medium	High
73	DISHNA	0.33	0.73	Medium	High	0.82	0.85	Very High	Very High	0.29	0.66	Medium	High
74	DISUQ	0.08	0.55	Low	High	0.79	0.83	Very High	Very High	0.06	0.48	Low	Medium
75	DISUQ	0.11	0.57	Low	High	0.79	0.83	Very High	Very High	0.09	0.50	Low	Medium
76	DUMYAT	0.26	0.55	Medium	High	0.85	0.89	Very High	Very High	0.23	0.51	Low	High
77	DUMYAT 1	0.27	0.58	Medium	High	0.84	0.88	Very High	Very High	0.24	0.54	Low	High
78	DUMYAT 2	0.27	0.58	Medium	High	0.84	0.88	Very High	Very High	0.24	0.54	Low	High
79	DUMYAT AL-GADIDA	0.28	0.62	Medium	High	0.83	0.87	Very High	Very High	0.24	0.57	Low	High
80	DYARB NIGM	0.34	0.77	Medium	Very High	0.74	0.78	High	Very High	0.27	0.64	Medium	High
81	E MANSORA 2	0.31	0.76	Medium	Very High	0.75	0.79	Very High	Very High	0.24	0.63	Low	High
82	EL-IBRAHIMIYA	0.37	0.79	Medium	Very High	0.74	0.78	High	Very High	0.29	0.66	Medium	High
83	EL MAHALLA EL KOBRA	0.21	0.67	Low	High	0.77	0.81	Very High	Very High	0.17	0.57	Low	High
84	EL MAHALLA EL KOBRA 1	0.22	0.70	Low	High	0.77	0.80	Very High	Very High	0.18	0.60	Low	High
85	EL MAHALLA EL KOBRA 2	0.21	0.67	Low	High	0.77	0.81	Very High	Very High	0.17	0.57	Low	High

86	EL MANSORA	0.30	0.75	Medium	Very High	0.75	0.79	Very High	Very High	0.24	0.63	Low	High
87	EL MANSORA 1	0.31	0.76	Medium	Very High	0.75	0.79	Very High	Very High	0.24	0.64	Low	High
88	FAQUS	0.33	0.81	Medium	Very High	0.74	0.77	High	Very High	0.26	0.67	Medium	High
89	FARISKUR	0.33	0.68	Medium	High	0.86	0.89	Very High	Very High	0.30	0.65	Medium	High
90	FARSHUT	0.32	0.72	Medium	High	0.80	0.84	Very High	Very High	0.28	0.64	Medium	High
91	FAYYUM	0.30	0.86	Medium	Very High	0.79	0.83	Very High	Very High	0.25	0.75	Medium	Very High
92	FAYYUM CITY	0.30	0.94	Medium	Very High	0.79	0.83	Very High	Very High	0.25	0.82	Low	Very High
93	FUWWA	0.10	0.55	Low	High	0.80	0.84	Very High	Very High	0.09	0.49	Low	Medium
94	GAMALIYYA	0.32	0.64	Medium	High	0.76	0.80	Very High	Very High	0.26	0.54	Medium	High
95	GIRGA	0.30	0.70	Medium	High	0.81	0.85	Very High	Very High	0.26	0.63	Medium	High
96	GIRGA	0.30	0.70	Medium	High	0.80	0.84	Very High	Very High	0.26	0.62	Medium	High
97	GIZA	0.22	0.72	Low	High	0.66	0.70	High	High	0.15	0.53	Low	High
98	GIZA	0.41	0.96	Medium	Very High	0.65	0.69	High	High	0.28	0.71	Medium	High
99	GUHAYNA AL-GHARBIYYA	0.29	0.69	Medium	High	0.80	0.84	Very High	Very High	0.25	0.61	Low	High
100	HIHYA	0.41	0.81	Medium	Very High	0.74	0.78	High	Very High	0.32	0.67	Medium	High
101	HILWAN	0.41	0.96	Medium	Very High	0.48	0.52	Medium	High	0.21	0.53	Low	High
102	HUSH ISA	0.06	0.65	Low	High	0.77	0.81	Very High	Very High	0.05	0.56	Low	High
103	HWAMDEIA	0.41	0.96	Medium	Very High	0.66	0.70	High	High	0.28	0.71	Medium	High
104	IDKU	0.09	0.54	Low	High	0.79	0.83	Very High	Very High	0.08	0.48	Low	Medium
105	IMBABA	0.25	0.81	Low	Very High	0.66	0.69	High	High	0.17	0.60	Low	High
106	ISMAILIYYA	0.39	0.87	Medium	Very High	0.87	0.91	Very High	Very High	0.36	0.84	Medium	Very High
107	ISMAILIYYA 2	0.39	0.87	Medium	Very High	0.87	0.91	Very High	Very High	0.36	0.84	Medium	Very High
108	ISNA	0.34	0.74	Medium	High	0.84	0.87	Very High	Very High	0.30	0.68	Medium	High
109	ITAY AL-BARUD	0.09	0.66	Low	High	0.77	0.81	Very High	Very High	0.08	0.57	Low	High
110	KAFR AL-DAWWAR	0.04	0.55	Low	High	0.80	0.84	Very High	Very High	0.04	0.49	Low	Medium
111	KAFR AL-SHAYKH	0.17	0.60	Low	High	0.79	0.82	Very High	Very High	0.14	0.53	Low	High
112	KAFR AL-ZAYYAT	0.18	0.71	Low	High	0.77	0.81	Very High	Very High	0.15	0.61	Low	High
113	KAFR SAD	0.28	0.61	Medium	High	0.84	0.88	Very High	Very High	0.25	0.57	Low	High
114	KAFR SAQR	0.34	0.82	Medium	Very High	0.74	0.78	High	Very High	0.26	0.68	Medium	High
115	KAFR SHUKR	0.39	0.76	Medium	Very High	0.77	0.80	Very High	Very High	0.32	0.65	Medium	High
116	KARDASA	0.22	0.72	Low	High	0.65	0.69	High	High	0.15	0.52	Low	High
117	KESM AL-MINYA	0.26	0.66	Medium	High	0.69	0.72	High	High	0.19	0.50	Low	High
118	KESM AWAL ASSUIT	0.29	0.68	Medium	High	0.77	0.81	Very High	Very High	0.23	0.58	Low	High
119	KESM MALLAWI	0.27	0.67	Medium	High	0.64	0.67	High	High	0.18	0.47	Low	Medium
120	KESM TAHTA	0.29	0.69	Medium	High	0.79	0.83	Very High	Very High	0.24	0.61	Low	High
121	KESM THAN AL RAML	0.04	0.55	Low	High	0.71	0.75	High	High	0.03	0.43	Low	Medium
122	KESM THAN ASSUIT	0.29	0.68	Medium	High	0.77	0.81	Very High	Very High	0.23	0.59	Low	High
123	KHSOS	0.47	0.92	Medium	Very High	0.72	0.75	High	Very High	0.36	0.73	Medium	High
124	KUM HAMADA	0.20	0.73	Low	High	0.77	0.81	Very High	Very High	0.17	0.62	Low	High
125	KUM UMBU	0.29	0.69	Medium	High	0.94	0.97	Very High	Very High	0.29	0.71	Medium	High
126	LUXOR	0.34	0.74	Medium	High	0.95	0.99	Very High	Very High	0.35	0.78	Medium	Very High
127	LUXOR	0.34	0.74	Medium	High	0.96	1.00	Very High	Very High	0.35	0.78	Medium	Very High
128	MAADI	0.41	0.96	Medium	Very High	0.49	0.52	Medium	High	0.21	0.53	Low	High
129	MAHALET DEMNA	0.34	0.77	Medium	Very High	0.76	0.79	Very High	Very High	0.27	0.65	Medium	High
130	MANFALUT	0.28	0.68	Medium	High	0.77	0.81	Very High	Very High	0.23	0.58	Low	High

131	MANZALA	0.32	0.62	Medium	High	0.76	0.80	Very High	Very High	0.26	0.53	Medium	High
132	MARG	0.47	0.92	Medium	Very High	0.58	0.62	High	High	0.29	0.61	Medium	High
133	MARKZ ABU QURQAS	0.26	0.66	Medium	High	0.63	0.66	High	High	0.17	0.46	Low	Medium
134	MARKZ AL IDWA	0.23	0.62	Low	High	0.73	0.77	High	Very High	0.18	0.51	Low	High
135	MARKZ AL MINYA	0.26	0.66	Medium	High	0.61	0.64	High	High	0.17	0.44	Low	Medium
136	MARKZ BANI MAZAR	0.24	0.64	Low	High	0.81	0.76	Very High	Very High	0.21	0.52	Low	High
137	MARKZ DIR MAWAS	0.27	0.67	Medium	High	0.60	0.62	High	High	0.17	0.44	Low	Medium
138	MARKZ MAGHAGHA	0.23	0.63	Low	High	0.78	0.77	Very High	Very High	0.19	0.51	Low	High
139	MARKZ MALLAWI	0.27	0.67	Medium	High	0.64	0.67	High	High	0.18	0.47	Low	Medium
140	MARKZ MATAY	0.25	0.65	Low	High	0.77	0.74	Very High	High	0.20	0.51	Low	High
141	MARKZ SAMALUT	0.25	0.65	Medium	High	0.62	0.64	High	High	0.17	0.45	Low	Medium
142	MASHTUL AL-SUQ	0.42	0.84	Medium	Very High	0.73	0.77	High	Very High	0.32	0.68	Medium	High
143	MATARIYYA	0.32	0.62	Medium	High	0.77	0.80	Very High	Very High	0.26	0.53	Medium	High
144	MINUF	0.33	0.81	Medium	Very High	0.79	0.83	Very High	Very High	0.28	0.72	Medium	High
145	MINUF CITY	0.35	0.82	Medium	Very High	0.79	0.83	Very High	Very High	0.29	0.72	Medium	High
146	MINYA AL-NASR	0.37	0.74	Medium	High	0.76	0.80	Very High	Very High	0.30	0.63	Medium	High
147	MINYA AL-QAMH	0.41	0.80	Medium	Very High	0.74	0.78	High	Very High	0.32	0.66	Medium	High
148	MISR AL-QADIMA	0.37	0.87	Medium	Very High	0.49	0.52	Medium	High	0.19	0.48	Low	Medium
149	MIT GHAMR	0.41	0.75	Medium	Very High	0.75	0.79	Very High	Very High	0.33	0.63	Medium	High
150	MIT GHAMR	0.31	0.72	Medium	High	0.75	0.79	Very High	Very High	0.25	0.60	Low	High
151	MIT SALSIL	0.32	0.64	Medium	High	0.77	0.81	Very High	Very High	0.27	0.55	Medium	High
152	MITUBAS	0.13	0.56	Low	High	0.80	0.84	Very High	Very High	0.11	0.49	Low	Medium
153	MUBARK-SHARQ TAFREA	0.20	0.40	Low	Medium	0.83	0.87	Very High	Very High	0.17	0.37	Low	Medium
154	MUHARAM BIK	0.05	0.49	Low	Medium	0.68	0.72	High	High	0.03	0.37	Low	Medium
155	MUNTAZAH	0.03	0.49	Low	Medium	0.72	0.75	High	Very High	0.02	0.39	Low	Medium
156	NAG HAMMADI	0.33	0.73	Medium	High	0.81	0.84	Very High	Very High	0.28	0.65	Medium	High
157	NAQADA	0.34	0.74	Medium	High	0.83	0.86	Very High	Very High	0.30	0.68	Medium	High
158	NASIR	0.28	0.83	Medium	Very High	0.84	0.88	Very High	Very High	0.25	0.77	Low	Very High
159	NASR	0.28	0.68	Medium	High	0.96	0.98	Very High	Very High	0.29	0.71	Medium	High
160	NEBRO	0.25	0.70	Medium	High	0.75	0.79	Very High	Very High	0.20	0.58	Low	High
161	NEW MINYA	0.26	0.65	Medium	High	0.78	0.82	Very High	Very High	0.21	0.57	Low	High
162	NORTH COAST	0.02	0.41	Low	Medium	0.68	0.72	High	High	0.01	0.31	Low	Medium
163	POLICE DEPARTMENT PORT OF DAMIETTA	0.28	0.62	Medium	High	0.83	0.86	Very High	Very High	0.24	0.57	Low	High
164	QAHA	0.40	0.85	Medium	Very High	0.75	0.79	High	Very High	0.32	0.71	Medium	High
165	QALYUB	0.35	0.82	Medium	Very High	0.75	0.79	Very High	Very High	0.28	0.68	Medium	High
166	QALYUB	0.38	0.83	Medium	Very High	0.75	0.79	Very High	Very High	0.30	0.70	Medium	High
167	QANATIR AL-KHAYRIYYA	0.31	0.78	Medium	Very High	0.76	0.80	Very High	Very High	0.25	0.66	Medium	High
168	QANTARA GHARB, AL-	0.33	0.83	Medium	Very High	0.88	0.91	Very High	Very High	0.30	0.80	Medium	Very High
169	QIFT	0.33	0.73	Medium	High	0.81	0.85	Very High	Very High	0.28	0.66	Medium	High
170	QILLIN	0.08	0.57	Low	High	0.79	0.83	Very High	Very High	0.07	0.50	Low	Medium
171	QINA	0.33	0.74	Medium	High	0.79	0.52	Very High	High	0.28	0.40	Medium	Medium

172	QINA	0.33	0.74	Medium	High	0.83	0.84	Very High	Very High	0.29	0.66	Medium	High
173	QINA CITY	0.33	0.73	Medium	High	0.71	0.00	High	Low	0.25	0.00	Low	Low
174	QURIN	0.37	0.82	Medium	Very High	0.73	0.77	High	Very High	0.29	0.67	Medium	High
175	QUS	0.34	0.74	Medium	High	0.81	0.85	Very High	Very High	0.29	0.67	Medium	High
176	QUTUR	0.15	0.64	Low	High	0.77	0.81	Very High	Very High	0.13	0.55	Low	High
177	QUWISNA	0.39	0.77	Medium	Very High	0.80	0.83	Very High	Very High	0.33	0.68	Medium	High
178	RAS AL-BAR	0.27	0.58	Medium	High	0.85	0.89	Very High	Very High	0.24	0.54	Low	High
179	RASHID	0.13	0.56	Low	High	0.78	0.82	Very High	Very High	0.11	0.48	Low	Medium
180	RIYAD	0.17	0.60	Low	High	0.75	0.79	Very High	Very High	0.14	0.51	Low	High
181	SADAT CITY	0.33	0.93	Medium	Very High	0.76	0.80	Very High	Very High	0.27	0.79	Medium	Very High
182	SAF	0.25	0.84	Medium	Very High	0.65	0.69	High	High	0.17	0.62	Low	High
183	SAHIL SILIM	0.29	0.69	Medium	High	0.78	0.82	Very High	Very High	0.24	0.60	Low	High
184	SAMANNUD	0.25	0.70	Low	High	0.77	0.81	Very High	Very High	0.20	0.60	Low	High
185	SANTA	0.29	0.70	Medium	High	0.77	0.81	Very High	Very High	0.24	0.60	Low	High
186	SAQULTA	0.29	0.69	Medium	High	0.80	0.84	Very High	Very High	0.25	0.62	Low	High
187	SHIBIN AL-KUM	0.34	0.78	Medium	Very High	0.80	0.83	Very High	Very High	0.29	0.69	Medium	High
188	SHIBIN AL-QANATIR	0.45	0.88	Medium	Very High	0.75	0.79	Very High	Very High	0.36	0.74	Medium	High
189	SHIRBIN	0.31	0.70	Medium	High	0.75	0.79	Very High	Very High	0.25	0.59	Low	High
190	SHUBRA KH ├«T	0.09	0.61	Low	High	0.77	0.81	Very High	Very High	0.07	0.52	Low	High
191	SIDFA	0.29	0.69	Medium	High	0.79	0.83	Very High	Very High	0.24	0.61	Low	High
192	SIDI GABIR	0.05	0.49	Low	Medium	0.68	0.72	High	High	0.03	0.37	Low	Medium
193	SIDI SALIM	0.12	0.57	Low	High	0.77	0.81	Very High	Very High	0.10	0.49	Low	Medium
194	SINBILLAWIN	0.27	0.73	Medium	High	0.75	0.79	Very High	Very High	0.22	0.62	Low	High
195	SINURAS	0.34	0.90	Medium	Very High	0.85	0.89	Very High	Very High	0.31	0.85	Medium	Very High
196	SIRS AL-LAYYANA CITY	0.35	0.82	Medium	Very High	0.79	0.83	Very High	Very High	0.29	0.72	Medium	High
197	SUHAG	0.29	0.69	Medium	High	0.80	0.84	Very High	Very High	0.24	0.61	Low	High
198	SUHAG	0.29	0.69	Medium	High	0.80	0.84	Very High	Very High	0.25	0.62	Low	High
199	SUHAG-2	0.29	0.69	Medium	High	0.81	0.84	Very High	Very High	0.25	0.62	Low	High
200	SUHAG CITY	0.29	0.69	Medium	High	0.79	0.82	Very High	Very High	0.24	0.60	Low	High
201	SUMUSTA	0.26	0.77	Medium	Very High	0.83	0.87	Very High	Very High	0.23	0.72	Low	High
202	TAHTA	0.29	0.69	Medium	High	0.80	0.84	Very High	Very High	0.25	0.62	Low	High
203	TAL AL-KABIR, AL-	0.32	0.84	Medium	Very High	0.86	0.90	Very High	Very High	0.29	0.81	Medium	Very High
204	TALA	0.30	0.74	Medium	High	0.80	0.83	Very High	Very High	0.25	0.65	Medium	High
205	TALKHA	0.31	0.76	Medium	Very High	0.76	0.79	Very High	Very High	0.25	0.64	Low	High
206	TAMA	0.29	0.69	Medium	High	0.81	0.84	Very High	Very High	0.25	0.62	Low	High
207	TAMY AL-AMDID	0.27	0.73	Medium	High	0.75	0.79	Very High	Very High	0.22	0.62	Low	High
208	TAMYA	0.34	0.94	Medium	Very High	1.00	1.00	Very High	Very High	0.37	1.00	Medium	Very High
209	TANTA	0.23	0.70	Low	High	0.77	0.81	Very High	Very High	0.19	0.61	Low	High
210	TANTA 1	0.17	0.67	Low	High	0.77	0.81	Very High	Very High	0.14	0.58	Low	High
211	TANTA 2	0.17	0.67	Low	High	0.77	0.81	Very High	Very High	0.14	0.58	Low	High
212	TIBA POLICE STATION	0.34	0.74	Medium	High	0.94	0.98	Very High	Very High	0.34	0.77	Medium	Very High
213	TUKH	0.41	0.84	Medium	Very High	0.76	0.80	Very High	Very High	0.33	0.71	Medium	High
214	UMRANIYYA	0.22	0.72	Low	High	0.65	0.69	High	High	0.15	0.52	Low	High
215	WARAQ	0.22	0.72	Low	High	0.66	0.70	High	High	0.15	0.53	Low	High
216	YOUSEF EL SADEQ	0.30	0.95	Medium	Very High	0.66	0.74	High	High	0.21	0.75	Low	High

217	ZAQAZIQ	0.44	0.86	Medium	Very High	0.74	0.78	High	Very High	0.34	0.72	Medium	High
218	ZAQAZIQ 2	0.41	0.81	Medium	Very High	0.74	0.78	High	Very High	0.32	0.67	Medium	High
219	ZARQA	0.35	0.72	Medium	High	0.85	0.89	Very High	Very High	0.31	0.68	Medium	High
220	ZEMAM OUT	0.39	0.91	Medium	Very High	0.70	0.74	High	High	0.29	0.71	Medium	High
221	ZEMAM OUT	0.47	0.92	Medium	Very High	0.72	0.76	High	Very High	0.36	0.74	Medium	High
222	ZEMAM OUT	0.25	0.83	Low	Very High	0.73	0.77	High	Very High	0.19	0.68	Low	High
223	ZIFTA	0.33	0.72	Medium	High	0.77	0.81	Very High	Very High	0.27	0.62	Medium	High

Rice

Nr.	District Name	HAZ SSP 245 INDEX	HAZ SSP 585 INDEX	HAZ SSP 585 CLASS	HAZ SSP 585 CLASS	VUL SSP 245 INDEX	VUL SSP 585 INDEX	VUL SSP 585 CLASS	VUL SSP 585 CLASS	RISK SSP 245 INDEX	RISK SSP 585 INDEX	RISK SSP 585 CLASS	RISK SSP 585 CLASS
1	ABOUR	0.55	0.90	High	Very High	0.73	0.76	High	Very High	0.40	0.69	Medium	High
2	ABSHAWAY	0.57	0.97	High	Very High	0.64	0.73	High	High	0.37	0.71	Medium	High
3	ABU-L-MATAMIR	0.09	0.46	Low	Medium	0.74	0.78	High	Very High	0.07	0.36	Low	Medium
4	ABU HAMMAD	0.35	0.74	Medium	High	0.73	0.77	High	Very High	0.26	0.57	Medium	High
5	ABU HUMMUS	0.02	0.32	Low	Medium	0.80	0.83	Very High	Very High	0.01	0.26	Low	Medium
6	ABU KABIR	0.23	0.56	Low	High	0.75	0.78	High	Very High	0.17	0.44	Low	Medium
7	ABU TIG	0.50	0.74	Medium	High	0.78	0.82	Very High	Very High	0.39	0.60	Medium	High
8	ABU TISHT	0.45	0.66	Medium	High	0.81	0.85	Very High	Very High	0.37	0.56	Medium	High
9	ADFU	0.41	0.60	Medium	High	0.87	0.91	Very High	Very High	0.35	0.55	Medium	High
10	AGA	0.17	0.46	Low	Medium	0.76	0.79	Very High	Very High	0.13	0.37	Low	Medium
11	AHNASYA	0.51	0.85	High	Very High	0.84	0.88	Very High	Very High	0.43	0.75	Medium	High
12	AL-AHRAM	0.47	0.85	Medium	Very High	0.65	0.68	High	High	0.30	0.59	Medium	High
13	AL-BALYANA	0.46	0.67	Medium	High	0.78	0.82	Very High	Very High	0.36	0.55	Medium	High
14	AL-DILINGAT	0.15	0.56	Low	High	0.77	0.80	Very High	Very High	0.12	0.45	Low	Medium
15	AL-GANOUB	0.19	0.39	Low	Medium	0.84	0.88	Very High	Very High	0.16	0.34	Low	Medium
16	AL-GANOUB 2	0.18	0.43	Low	Medium	0.83	0.87	Very High	Very High	0.15	0.37	Low	Medium
17	AL-GHANAYEM	0.49	0.71	Medium	High	0.78	0.82	Very High	Very High	0.38	0.58	Medium	High
18	AL-HUSAYNIYA	0.20	0.47	Low	Medium	0.74	0.78	High	Very High	0.15	0.37	Low	Medium
19	AL-MAHMUDIYYA	0.01	0.22	Low	Low	0.79	0.83	Very High	Very High	0.00	0.18	Low	Low
20	AL-MARAGHA	0.49	0.73	Medium	High	0.80	0.84	Very High	Very High	0.40	0.61	Medium	High
21	AL-MINSHAT	0.48	0.71	Medium	High	0.80	0.84	Very High	Very High	0.39	0.59	Medium	High
22	AL-QUSIA	0.50	0.75	Medium	High	0.77	0.81	Very High	Very High	0.38	0.61	Medium	High
23	AL-RAHMANIYYA	0.00	0.25	Low	Low	0.78	0.81	Very High	Very High	0.00	0.20	Low	Low
24	AL-SALHIYYA	0.29	0.63	Medium	High	0.71	0.75	High	Very High	0.21	0.47	Low	Medium
25	AL-SHUHADA	0.31	0.73	Medium	High	0.80	0.84	Very High	Very High	0.25	0.61	Medium	High
26	AL AMREIA	0.08	0.42	Low	Medium	0.65	0.69	High	High	0.05	0.29	Low	Medium
27	AL FASHN	0.50	0.78	High	Very High	0.84	0.88	Very High	Very High	0.42	0.68	Medium	High
28	AL HAMUL	0.04	0.19	Low	Low	0.79	0.83	Very High	Very High	0.03	0.16	Low	Low
29	AL KHANKA	0.55	0.90	High	Very High	0.74	0.78	High	Very High	0.41	0.70	Medium	High
30	AL SALAM	0.59	0.95	High	Very High	0.51	0.55	High	High	0.30	0.52	Medium	High
31	AL TIBBIN	0.53	0.96	High	Very High	0.51	0.55	High	High	0.27	0.53	Medium	High
32	AL WASTA	0.53	0.90	High	Very High	0.84	0.88	Very High	Very High	0.44	0.79	Medium	Very High
33	ARMANT	0.43	0.63	Medium	High	0.83	0.87	Very High	Very High	0.36	0.55	Medium	High
34	ASHMUN	0.46	0.88	Medium	Very High	0.79	0.83	Very High	Very High	0.37	0.73	Medium	High
35	ASSUIT	0.51	0.76	High	Very High	0.77	0.81	Very High	Very High	0.39	0.62	Medium	High
36	ASWAN	0.38	0.58	Medium	High	0.86	0.90	Very High	Very High	0.32	0.52	Medium	High
37	ATFEH	0.50	0.91	High	Very High	0.65	0.69	High	High	0.33	0.63	Medium	High
38	ATSA	0.55	0.99	High	Very High	0.70	0.76	High	Very High	0.39	0.76	Medium	Very High
39	AUSEEM	0.47	0.85	Medium	Very High	0.67	0.70	High	High	0.31	0.60	Medium	High

40	AWLAD SAQR	0.17	0.41	Low	Medium	0.75	0.79	Very High	Very High	0.13	0.33	Low	Medium
41	AYAT	0.49	0.94	Medium	Very High	0.65	0.69	High	High	0.32	0.65	Medium	High
42	BAB SHARQI	0.10	0.44	Low	Medium	0.66	0.69	High	High	0.06	0.30	Low	Medium
43	BADR	0.34	0.76	Medium	Very High	0.74	0.78	High	Very High	0.25	0.59	Medium	High
44	BADRASHAIN	0.49	0.91	Medium	Very High	0.65	0.69	High	High	0.32	0.63	Medium	High
45	BANHA	0.45	0.78	Medium	Very High	0.76	0.80	Very High	Very High	0.34	0.62	Medium	High
46	BANI SWAYF	0.49	0.78	Medium	Very High	0.84	0.87	Very High	Very High	0.41	0.68	Medium	High
47	BANI SWAYF	0.52	0.88	High	Very High	0.84	0.88	Very High	Very High	0.43	0.78	Medium	Very High
48	BANY ABEED	0.17	0.38	Low	Medium	0.76	0.80	Very High	Very High	0.13	0.31	Low	Medium
49	BASATIN	0.53	0.96	High	Very High	0.48	0.52	Medium	High	0.25	0.50	Medium	Medium
50	BASYUN	0.05	0.38	Low	Medium	0.78	0.81	Very High	Very High	0.04	0.31	Low	Medium
51	BIBA	0.51	0.83	High	Very High	0.84	0.88	Very High	Very High	0.43	0.73	Medium	High
52	BILBIS	0.44	0.78	Medium	Very High	0.72	0.76	High	Very High	0.32	0.60	Medium	High
53	BILQAS	0.08	0.19	Low	Low	0.74	0.78	High	Very High	0.06	0.15	Low	Low
54	BIRKAT AL-SAB	0.38	0.68	Medium	High	0.80	0.84	Very High	Very High	0.30	0.57	Medium	High
55	BIYALU	0.10	0.28	Low	Medium	0.79	0.83	Very High	Very High	0.08	0.23	Low	Low
56	BURG AL-ARAB	0.05	0.35	Low	Medium	0.65	0.69	High	High	0.03	0.24	Low	Low
57	BURG AL-ARAB CITY	0.05	0.37	Low	Medium	0.64	0.68	High	High	0.03	0.25	Low	Medium
58	BURULLUS	0.04	0.12	Low	Low	0.78	0.82	Very High	Very High	0.03	0.10	Low	Low
59	DAMANHUR	0.03	0.37	Low	Medium	0.78	0.82	Very High	Very High	0.03	0.30	Low	Medium
60	DARAW	0.38	0.58	Medium	High	0.86	0.90	Very High	Very High	0.33	0.52	Medium	High
61	DAYRUT	0.50	0.75	Medium	High	0.64	0.67	High	High	0.32	0.50	Medium	High
62	DIKIRNIS	0.16	0.35	Low	Medium	0.76	0.80	Very High	Very High	0.12	0.28	Low	Medium
63	DISUQ	0.00	0.25	Low	Low	0.80	0.83	Very High	Very High	0.00	0.21	Low	Low
64	DISUQ	0.01	0.22	Low	Low	0.80	0.83	Very High	Very High	0.01	0.19	Low	Low
65	DUMYAT	0.10	0.21	Low	Low	0.85	0.89	Very High	Very High	0.09	0.18	Low	Low
66	DUMYAT 1	0.08	0.17	Low	Low	0.85	0.89	Very High	Very High	0.07	0.15	Low	Low
67	DUMYAT 2	0.08	0.17	Low	Low	0.84	0.88	Very High	Very High	0.07	0.15	Low	Low
68	DUMYAT AL-GADIDA	0.08	0.19	Low	Low	0.83	0.87	Very High	Very High	0.07	0.17	Low	Low
69	DYARB NIGM	0.27	0.58	Medium	High	0.75	0.79	High	Very High	0.20	0.46	Low	Medium
70	E MANSORA 2	0.15	0.37	Low	Medium	0.76	0.79	Very High	Very High	0.11	0.30	Low	Medium
71	EL-IBRAHIMIYA	0.30	0.61	Medium	High	0.75	0.79	High	Very High	0.22	0.48	Low	Medium
72	EL MAHALLA EL KOBRA	0.13	0.42	Low	Medium	0.77	0.81	Very High	Very High	0.10	0.34	Low	Medium
73	EL MAHALLA EL KOBRA 1	0.17	0.52	Low	High	0.77	0.81	Very High	Very High	0.13	0.42	Low	Medium
74	EL MAHALLA EL KOBRA 2	0.13	0.42	Low	Medium	0.77	0.81	Very High	Very High	0.10	0.34	Low	Medium
75	EL MANSORA	0.16	0.42	Low	Medium	0.76	0.80	Very High	Very High	0.12	0.33	Low	Medium
76	EL MANSORA 1	0.15	0.37	Low	Medium	0.76	0.80	Very High	Very High	0.11	0.30	Low	Medium
77	FAQUS	0.23	0.56	Low	High	0.74	0.78	High	Very High	0.17	0.44	Low	Medium
78	FARISKUR	0.13	0.27	Low	Medium	0.86	0.90	Very High	Very High	0.11	0.24	Low	Low
79	FAYYUM	0.55	0.94	High	Very High	0.79	0.83	Very High	Very High	0.43	0.78	Medium	Very High
80	FAYYUM CITY	0.55	0.99	High	Very High	0.79	0.83	Very High	Very High	0.43	0.82	Medium	Very High
81	FUWWA	0.00	0.21	Low	Low	0.81	0.84	Very High	Very High	0.00	0.18	Low	Low

82	GAMALIYYA	0.14	0.26	Low	Medium	0.77	0.81	Very High	Very High	0.10	0.21	Low	Low
83	GIRGA	0.47	0.68	Medium	High	0.80	0.84	Very High	Very High	0.37	0.57	Medium	High
84	GIZA	0.47	0.85	Medium	Very High	0.67	0.70	High	High	0.31	0.60	Medium	High
85	GIZA	0.53	0.96	High	Very High	0.66	0.69	High	High	0.35	0.67	Medium	High
86	GUHAYNA AL-GHARBIYYA	0.48	0.70	Medium	High	0.80	0.84	Very High	Very High	0.38	0.59	Medium	High
87	HIHYA	0.37	0.69	Medium	High	0.74	0.78	High	Very High	0.27	0.54	Medium	High
88	HILWAN	0.53	0.96	High	Very High	0.49	0.52	Medium	High	0.26	0.51	Medium	High
89	HUSH ISA	0.04	0.43	Low	Medium	0.78	0.81	Very High	Very High	0.03	0.35	Low	Medium
90	HWAMDEIA	0.53	0.96	High	Very High	0.66	0.70	High	High	0.35	0.67	Medium	High
91	IDKU	0.00	0.21	Low	Low	0.79	0.83	Very High	Very High	0.00	0.17	Low	Low
92	IMBABA	0.45	0.88	Medium	Very High	0.66	0.70	High	High	0.29	0.61	Medium	High
93	ISMAILIYYA	0.27	0.62	Medium	High	0.87	0.91	Very High	Very High	0.24	0.56	Low	High
94	ISMAILIYYA 2	0.27	0.62	Medium	High	0.87	0.91	Very High	Very High	0.24	0.56	Low	High
95	ISNA	0.43	0.62	Medium	High	0.84	0.87	Very High	Very High	0.36	0.55	Medium	High
96	ITAY AL-BARUD	0.09	0.50	Low	Medium	0.78	0.81	Very High	Very High	0.07	0.41	Low	Medium
97	KAFR AL-DAWWAR	0.04	0.36	Low	Medium	0.80	0.84	Very High	Very High	0.03	0.30	Low	Medium
98	KAFR AL-SHAYKH	0.05	0.25	Low	Medium	0.79	0.83	Very High	Very High	0.04	0.21	Low	Low
99	KAFR AL-ZAYYAT	0.21	0.61	Low	High	0.78	0.81	Very High	Very High	0.16	0.50	Low	Medium
100	KAFR SAD	0.08	0.19	Low	Low	0.85	0.89	Very High	Very High	0.07	0.17	Low	Low
101	KAFR SAQR	0.23	0.55	Low	High	0.75	0.79	High	Very High	0.17	0.43	Low	Medium
102	KAFR SHUKR	0.43	0.74	Medium	High	0.77	0.81	Very High	Very High	0.33	0.60	Medium	High
103	KARDASA	0.47	0.85	Medium	Very High	0.65	0.69	High	High	0.31	0.59	Medium	High
104	KESM THAN AL RAML	0.05	0.39	Low	Medium	0.71	0.75	High	High	0.04	0.29	Low	Medium
105	KHSOS	0.59	0.95	High	Very High	0.72	0.76	High	Very High	0.43	0.72	Medium	High
106	KUM HAMADA	0.25	0.65	Medium	High	0.77	0.81	Very High	Very High	0.20	0.53	Low	High
107	KUM UMBU	0.39	0.59	Medium	High	0.94	0.97	Very High	Very High	0.37	0.57	Medium	High
108	LUXOR	0.45	0.65	Medium	High	0.95	0.99	Very High	Very High	0.42	0.64	Medium	High
109	LUXOR	0.44	0.64	Medium	High	0.96	1.00	Very High	Very High	0.42	0.64	Medium	High
110	MAADI	0.53	0.96	High	Very High	0.49	0.53	Medium	High	0.26	0.51	Medium	High
111	MAHALET DEMNA	0.15	0.36	Low	Medium	0.76	0.80	Very High	Very High	0.11	0.29	Low	Medium
112	MANZALA	0.19	0.36	Low	Medium	0.77	0.81	Very High	Very High	0.14	0.29	Low	Medium
113	MARG	0.59	0.95	High	Very High	0.59	0.63	High	High	0.35	0.59	Medium	High
114	MARKZ AL IDWA	0.50	0.78	High	Very High	0.74	0.77	High	Very High	0.37	0.60	Medium	High
115	MARKZ MAGHAGHA	0.50	0.78	High	Very High	0.78	0.77	Very High	Very High	0.39	0.60	Medium	High
116	MASHTUL AL-SUQ	0.51	0.86	High	Very High	0.73	0.77	High	Very High	0.38	0.66	Medium	High
117	MATARIYYA	0.19	0.36	Low	Medium	0.77	0.81	Very High	Very High	0.14	0.29	Low	Medium
118	MINUF	0.44	0.83	Medium	Very High	0.80	0.83	Very High	Very High	0.35	0.69	Medium	High
119	MINYA AL-NASR	0.17	0.34	Low	Medium	0.76	0.80	Very High	Very High	0.13	0.27	Low	Medium
120	MINYA AL-QAMH	0.45	0.77	Medium	Very High	0.74	0.78	High	Very High	0.33	0.60	Medium	High
121	MISR AL-QADIMA	0.53	0.92	High	Very High	0.49	0.53	Medium	High	0.26	0.49	Medium	Medium
122	MIT GHAMR	0.39	0.69	Medium	High	0.76	0.79	Very High	Very High	0.29	0.54	Medium	High
123	MIT GHAMR	0.28	0.59	Medium	High	0.76	0.80	Very High	Very High	0.21	0.47	Low	Medium
124	MIT SALSIL	0.14	0.26	Low	Medium	0.78	0.81	Very High	Very High	0.11	0.21	Low	Low

125	MITUBAS	0.01	0.18	Low	Low	0.80	0.84	Very High	Very High	0.01	0.15	Low	Low
126	MUBARK-SHARQ TAFREA	0.20	0.40	Low	Medium	0.84	0.88	Very High	Very High	0.17	0.35	Low	Medium
127	MUHARAM BIK	0.10	0.44	Low	Medium	0.68	0.72	High	High	0.07	0.32	Low	Medium
128	MUNTAZAH	0.03	0.31	Low	Medium	0.72	0.76	High	Very High	0.02	0.23	Low	Low
129	NAQADA	0.45	0.65	Medium	High	0.82	0.86	Very High	Very High	0.37	0.56	Medium	High
130	NASIR	0.54	0.93	High	Very High	0.84	0.88	Very High	Very High	0.45	0.81	Medium	Very High
131	NASR	0.39	0.59	Medium	High	0.96	0.98	Very High	Very High	0.37	0.57	Medium	High
132	NEBRO	0.12	0.34	Low	Medium	0.76	0.79	Very High	Very High	0.09	0.27	Low	Medium
133	POLICE DEPARTMENT PORT OF DAMIETTA	0.08	0.19	Low	Low	0.83	0.87	Very High	Very High	0.07	0.16	Low	Low
134	QAHA	0.52	0.89	High	Very High	0.75	0.79	Very High	Very High	0.39	0.70	Medium	High
135	QALYUB	0.53	0.90	High	Very High	0.75	0.79	Very High	Very High	0.40	0.71	Medium	High
136	QALYUB	0.52	0.89	High	Very High	0.75	0.79	Very High	Very High	0.40	0.70	Medium	High
137	QANATIR AL-KHAYRIYYA	0.50	0.87	Medium	Very High	0.76	0.80	Very High	Very High	0.38	0.70	Medium	High
138	QANTARA GHARB, AL-	0.22	0.56	Low	High	0.88	0.92	Very High	Very High	0.19	0.52	Low	High
139	QILLIN	0.02	0.28	Low	Medium	0.79	0.83	Very High	Very High	0.01	0.23	Low	Low
140	QINA	0.46	0.66	Medium	High	0.82	0.84	Very High	Very High	0.38	0.56	Medium	High
141	QURIN	0.30	0.64	Medium	High	0.73	0.77	High	Very High	0.22	0.49	Low	Medium
142	QUS	0.44	0.65	Medium	High	0.81	0.85	Very High	Very High	0.36	0.55	Medium	High
143	QUTUR	0.10	0.40	Low	Medium	0.78	0.82	Very High	Very High	0.08	0.33	Low	Medium
144	QUWISNA	0.43	0.75	Medium	Very High	0.80	0.84	Very High	Very High	0.34	0.63	Medium	High
145	RAS AL-BAR	0.08	0.17	Low	Low	0.86	0.89	Very High	Very High	0.07	0.16	Low	Low
146	RASHID	0.01	0.18	Low	Low	0.79	0.82	Very High	Very High	0.01	0.14	Low	Low
147	RIYAD	0.05	0.25	Low	Medium	0.76	0.79	Very High	Very High	0.04	0.20	Low	Low
148	SADAT CITY	0.43	0.90	Medium	Very High	0.77	0.80	Very High	Very High	0.33	0.73	Medium	High
149	SAF	0.48	0.92	Medium	Very High	0.65	0.69	High	High	0.31	0.63	Medium	High
150	SAMANNUD	0.15	0.43	Low	Medium	0.78	0.82	Very High	Very High	0.11	0.35	Low	Medium
151	SANTA	0.28	0.60	Medium	High	0.78	0.82	Very High	Very High	0.21	0.49	Low	Medium
152	SHIBIN AL-QANATIR	0.55	0.90	High	Very High	0.76	0.79	Very High	Very High	0.42	0.72	Medium	High
153	SHIRBIN	0.12	0.28	Low	Medium	0.76	0.80	Very High	Very High	0.09	0.22	Low	Low
154	SHUBRA KH ├«T	0.05	0.38	Low	Medium	0.77	0.81	Very High	Very High	0.04	0.31	Low	Medium
155	SIDI GABIR	0.10	0.44	Low	Medium	0.69	0.72	High	High	0.07	0.32	Low	Medium
156	SIDI SALIM	0.01	0.21	Low	Low	0.78	0.82	Very High	Very High	0.01	0.17	Low	Low
157	SINBILLAWIN	0.17	0.48	Low	Medium	0.76	0.80	Very High	Very High	0.13	0.38	Low	Medium
158	SINURAS	0.57	0.97	High	Very High	0.85	0.89	Very High	Very High	0.48	0.86	Medium	Very High
159	SUMUSTA	0.52	0.89	High	Very High	0.84	0.87	Very High	Very High	0.44	0.77	Medium	Very High
160	TAHTA	0.49	0.72	Medium	High	0.80	0.84	Very High	Very High	0.40	0.61	Medium	High
161	TAL AL-KABIR, AL-	0.28	0.66	Medium	High	0.87	0.90	Very High	Very High	0.24	0.59	Low	High
162	TALA	0.35	0.71	Medium	High	0.80	0.84	Very High	Very High	0.28	0.59	Medium	High
163	TALKHA	0.15	0.37	Low	Medium	0.76	0.80	Very High	Very High	0.11	0.30	Low	Medium
164	TAMY AL-AMDID	0.17	0.48	Low	Medium	0.76	0.80	Very High	Very High	0.13	0.38	Low	Medium

165	TAMYA	0.58	1.00	High	Very High	1.00	1.00	Very High	Very High	0.58	1.00	High	Very High
166	TANTA	0.24	0.61	Low	High	0.78	0.82	Very High	Very High	0.19	0.50	Low	Medium
167	TANTA 1	0.14	0.51	Low	High	0.77	0.81	Very High	Very High	0.11	0.41	Low	Medium
168	TANTA 2	0.14	0.51	Low	High	0.77	0.81	Very High	Very High	0.11	0.41	Low	Medium
169	TIBA POLICE STATION	0.45	0.65	Medium	High	0.94	0.98	Very High	Very High	0.42	0.63	Medium	High
170	TUKH	0.52	0.87	High	Very High	0.76	0.80	Very High	Very High	0.39	0.70	Medium	High
171	UMRANIYYA	0.47	0.85	Medium	Very High	0.66	0.69	High	High	0.31	0.59	Medium	High
172	WARAQ	0.47	0.85	Medium	Very High	0.67	0.70	High	High	0.31	0.60	Medium	High
173	YOUSEF EL SADEQ	0.54	0.99	High	Very High	0.66	0.74	High	High	0.36	0.74	Medium	High
174	ZAQAZIQ	0.44	0.78	Medium	Very High	0.75	0.78	High	Very High	0.33	0.61	Medium	High
175	ZAQAZIQ 2	0.37	0.69	Medium	High	0.74	0.78	High	Very High	0.27	0.54	Medium	High
176	ZARQA	0.14	0.30	Low	Medium	0.85	0.89	Very High	Very High	0.12	0.26	Low	Medium
177	ZEMAM OUT	0.44	0.84	Medium	Very High	0.71	0.74	High	High	0.31	0.63	Medium	High
178	ZEMAM OUT	0.54	0.90	High	Very High	0.73	0.77	High	Very High	0.39	0.69	Medium	High
179	ZEMAM OUT	0.29	0.74	Medium	High	0.73	0.77	High	Very High	0.21	0.57	Low	High
180	ZIFTA	0.31	0.63	Medium	High	0.78	0.82	Very High	Very High	0.24	0.51	Low	High

Appendix 3: District values Morocco

Orange

Nr.	District Name	HAZ SSP 245 INDEX	HAZ SSP 585 INDEX	HAZ SSP 585 CLASS	HAZ SSP 585 CLASS	VUL SSP 245 INDEX	VUL SSP 585 INDEX	VUL SSP 585 CLASS	VUL SSP 585 CLASS	RISK SSP 245 INDEX	RISK SSP 585 INDEX	RISK SSP 585 CLASS	RISK SSP 585 CLASS
1	ZAGORA PROVINCE	0.44	0.68	Medium	High	0.69	0.60	High	High	0.48	0.63	Medium	High
2	TIZNIT PROVINCE	0.20	0.44	Low	Medium	0.67	0.67	High	High	0.20	0.46	Low	Medium
3	PROVINCE DE YOUSSOUFIA	0.36	0.53	Medium	High	0.42	0.38	Medium	Medium	0.24	0.32	Low	Medium
4	PROVINCE DE TINGHIR	0.59	0.82	High	Very High	0.71	0.60	High	High	0.65	0.77	High	Very High
5	SETTAT PROVINCE	0.42	0.57	Medium	High	0.14	0.04	Low	Low	0.09	0.04	Low	Low
6	RHAMNA PROVINCE	0.45	0.62	Medium	High	0.51	0.42	High	Medium	0.36	0.41	Medium	Medium
7	TAROUDANT PROVINCE	0.43	0.67	Medium	High	0.73	0.72	High	High	0.49	0.75	Medium	High
8	SIDI IFNI PROVINCE	0.13	0.37	Low	Medium	0.67	0.69	High	High	0.14	0.40	Low	Medium
9	TETOUAN PROVINCE	0.35	0.41	Medium	Medium	0.55	0.51	High	High	0.30	0.33	Medium	Medium
10	PROVINCE DE SIDI BENNOUR	0.23	0.35	Low	Medium	0.41	0.30	Medium	Medium	0.15	0.17	Low	Low
11	PROVINCE DE SEFROU	0.63	0.86	High	Very High	0.69	0.59	High	High	0.68	0.79	High	Very High
12	PROVINCE DE SIDI SLIMANE	0.43	0.58	Medium	High	0.40	0.30	Medium	Medium	0.27	0.27	Medium	Medium
13	PROVINCE DE SIDI KACEM	0.44	0.59	Medium	High	0.43	0.33	Medium	Medium	0.30	0.30	Medium	Medium
14	PROVINCE DE TAOUNATE	0.52	0.69	High	High	0.55	0.45	High	Medium	0.44	0.49	Medium	Medium
15	PROVINCE DE TAZA	0.51	0.73	High	High	0.55	0.47	High	Medium	0.44	0.54	Medium	High
16	PROVINCE DE TAOURIRT	0.52	0.81	High	Very High	0.60	0.54	High	High	0.49	0.68	Medium	High
17	PROVINCE DE KHEMISSET	0.44	0.59	Medium	High	0.47	0.37	Medium	Medium	0.32	0.34	Medium	Medium
18	PROVINCE DE KENITRA	0.32	0.45	Medium	Medium	0.32	0.21	Medium	Low	0.16	0.15	Low	Low
19	PROVINCE DE KHOURIBGA	0.54	0.71	High	High	0.10	0.00	Low	Low	0.08	0.00	Low	Low
20	PROVINCE DE KHENIFRA	0.67	0.86	High	Very High	0.83	0.73	Very High	High	0.86	0.99	Very High	Very High
21	PROVINCE DE MOULAY YACOUB	0.61	0.79	High	Very High	0.64	0.55	High	High	0.61	0.68	High	High

22	PROVINCE DE MIDELT	0.72	1.00	High	Very High	0.70	0.63	High	High	0.79	0.99	Very High	Very High
23	PROVINCE DE SAFI	0.16	0.27	Low	Medium	0.58	0.55	High	High	0.15	0.23	Low	Low
24	PROVINCE DE NADOR	0.35	0.61	Medium	High	0.55	0.52	High	High	0.31	0.50	Medium	High
25	PROVINCE DE BERKANE	0.44	0.73	Medium	High	0.61	0.55	High	High	0.42	0.62	Medium	High
26	PROVINCE DE BENSLIMANE	0.28	0.39	Medium	Medium	0.21	0.10	Low	Low	0.09	0.06	Low	Low
27	PROVINCE DE DRIOUCH	0.27	0.49	Medium	Medium	0.58	0.55	High	High	0.25	0.43	Low	Medium
28	PROVINCE DE BOULEMANE	0.61	0.87	High	Very High	0.58	0.52	High	High	0.55	0.70	High	High
29	PROVINCE DE FQUIH BEN SALEH	0.59	0.75	High	Very High	0.61	0.51	High	High	0.56	0.61	High	High
30	PROVINCE DE JERADA	0.54	0.85	High	Very High	0.58	0.52	High	High	0.49	0.69	Medium	High
31	PROVINCE DE GUERCIF	0.50	0.76	Medium	Very High	0.49	0.43	Medium	Medium	0.38	0.50	Medium	High
32	PROVINCE D AZILAL	0.69	0.91	High	Very High	0.78	0.68	Very High	High	0.84	0.98	Very High	Very High
33	PREFECTURE OF TANGIER ASSILAH	0.32	0.40	Medium	Medium	0.49	0.45	Medium	Medium	0.25	0.28	Low	Medium
34	PROVINCE D EL KELAAT ES SRAGHNA	0.55	0.72	High	High	0.49	0.40	Medium	Medium	0.42	0.45	Medium	Medium
35	PROVINCE D EL HAJEB	0.59	0.76	High	Very High	0.76	0.66	Very High	High	0.69	0.79	High	Very High
36	PROVINCE D IFRANE	0.67	0.89	High	Very High	0.82	0.72	Very High	High	0.85	1.00	Very High	Very High
37	PROVINCE D ERRACHIDIA	0.46	0.69	Medium	High	0.65	0.57	High	High	0.47	0.61	Medium	High
38	PROVINCE DE BENI MELLAL	0.68	0.89	High	Very High	0.73	0.63	High	High	0.77	0.88	Very High	Very High
39	PROVINCE D OUEZZANE	0.40	0.51	Medium	High	0.51	0.43	High	Medium	0.32	0.34	Medium	Medium
40	PREFECTURE DE MARRAKECH	0.48	0.66	Medium	High	0.48	0.45	Medium	Medium	0.36	0.46	Medium	Medium
41	PREFECTURE DE M DIQ FNIDEQ	0.36	0.46	Medium	Medium	0.56	0.52	High	High	0.32	0.38	Medium	Medium
42	PREFECTURE DE SKHIRATE TEMARA	0.28	0.40	Medium	Medium	0.54	0.43	High	Medium	0.24	0.27	Low	Medium
43	PREFECTURE DE MEKNES	0.57	0.75	High	Very High	0.72	0.63	High	High	0.65	0.74	High	High
44	PREFECTURE OF MOHAMMEDIA	0.22	0.32	Low	Medium	0.21	0.11	Low	Low	0.07	0.05	Low	Low

45	PREFECTURE OF CASABLANCA	0.20	0.30	Low	Medium	0.27	0.16	Medium	Low	0.08	0.08	Low	Low
46	PREFECTURE OF SALE	0.31	0.46	Medium	Medium	0.49	0.39	Medium	Medium	0.24	0.28	Low	Medium
47	PREFECTURE OF RABAT	0.27	0.41	Medium	Medium	0.65	0.54	High	High	0.28	0.35	Medium	Medium
48	INEZGANE AIT MELLOUL PREFECTURE	0.12	0.34	Low	Medium	0.66	0.66	High	High	0.12	0.34	Low	Medium
49	MEDIOUNA PROVINCE	0.22	0.32	Low	Medium	0.22	0.11	Low	Low	0.07	0.06	Low	Low
50	LARACHE PROVINCE	0.34	0.41	Medium	Medium	0.51	0.46	High	Medium	0.27	0.30	Medium	Medium
51	OUARZAZATE PROVINCE	0.61	0.86	High	Very High	0.75	0.68	Very High	High	0.72	0.90	High	Very High
52	NOUACEUR PROVINCE	0.18	0.28	Low	Medium	0.25	0.13	Low	Low	0.07	0.06	Low	Low
53	PREFECTURE DE FES	0.62	0.81	High	Very High	0.63	0.53	High	High	0.61	0.67	High	High
54	PREFECTURE D OUJDA ANGAD	0.48	0.80	Medium	Very High	0.65	0.58	High	High	0.49	0.73	Medium	High
55	BERRECHID PROVINCE	0.24	0.34	Low	Medium	0.20	0.08	Low	Low	0.07	0.04	Low	Low
56	CHICHAOUA PROVINCE	0.31	0.46	Medium	Medium	0.56	0.53	High	High	0.27	0.39	Medium	Medium
57	CHEFCHAOUEN PROVINCE	0.35	0.43	Medium	Medium	0.58	0.53	High	High	0.32	0.36	Medium	Medium
58	EL JADIDA PROVINCE	0.18	0.27	Low	Medium	0.41	0.29	Medium	Medium	0.11	0.13	Low	Low
59	CHTOUKA AIT BAHA PROVINCE	0.20	0.43	Low	Medium	0.67	0.69	High	High	0.21	0.47	Low	Medium
60	FAHS ANJRA PROVINCE	0.34	0.41	Medium	Medium	0.54	0.50	High	High	0.29	0.32	Medium	Medium
61	ESSAOUIRA PROVINCE	0.09	0.19	Low	Low	0.62	0.62	High	High	0.09	0.18	Low	Low
62	AGADIR IDA OUTANANE PREFECTURE	0.08	0.21	Low	Low	0.79	0.82	Very High	Very High	0.09	0.27	Low	Medium
63	AL HOCEIMA PROVINCE	0.37	0.52	Medium	High	0.55	0.49	High	Medium	0.32	0.41	Medium	Medium
64	AL HAOUZ PROVINCE	0.57	0.78	High	Very High	0.64	0.61	High	High	0.57	0.74	High	High
65	AGADIR IDA OUTANANE PREFECTURE	0.00	0.13	Low	Low	0.96	1.00	Very High	Very High	0.00	0.21	Low	Low

66	BERRECHID PROVINCE	0.16	0.25	Low	Medium	0.38	0.23	Medium	Low	0.10	0.09	Low	Low
67	CHTOUKA AIT BAHA PROVINCE	0.08	0.31	Low	Medium	0.79	0.83	Very High	Very High	0.10	0.40	Low	Medium
68	EL JADIDA PROVINCE	0.13	0.21	Low	Low	0.64	0.55	High	High	0.13	0.18	Low	Low
69	ESSAOUIRA PROVINCE	0.02	0.11	Low	Low	0.87	0.86	Very High	Very High	0.02	0.15	Low	Low
70	FAHS ANJRA PROVINCE	0.34	0.41	Medium	Medium	0.62	0.58	High	High	0.33	0.37	Medium	Medium
71	PREFECTURE DE M DIQ FNIDEQ	0.36	0.46	Medium	Medium	0.62	0.58	High	High	0.35	0.42	Medium	Medium
72	PREFECTURE DE SKHIRATE TEMARA	0.25	0.36	Low	Medium	0.84	0.72	Very High	High	0.32	0.40	Medium	Medium
73	PREFECTURE OF TANGIER ASSILAH	0.32	0.40	Medium	Medium	0.62	0.58	High	High	0.31	0.37	Medium	Medium
74	PROVINCE DE KENITRA	0.28	0.42	Medium	Medium	0.50	0.40	Medium	Medium	0.22	0.26	Low	Medium

Tangerine

Nr.	District Name	HAZ SSP 245 INDEX	HAZ SSP 585 INDEX	HAZ SSP 585 CLASS	HAZ SSP 585 CLASS	VUL SSP 245 INDEX	VUL SSP 585 INDEX	VUL SSP 585 CLASS	VUL SSP 585 CLASS	RISK SSP 245 INDEX	RISK SSP 585 INDEX	RISK SSP 585 CLASS	RISK SSP 585 CLASS
1	ZAGORA PROVINCE	0.44	0.68	Medium	High	0.69	0.60	High	High	0.48	0.63	Medium	High
2	TIZNIT PROVINCE	0.20	0.44	Low	Medium	0.67	0.67	High	High	0.20	0.46	Low	Medium
3	PROVINCE DE YOUSSOUFIA	0.36	0.53	Medium	High	0.42	0.38	Medium	Medium	0.24	0.32	Low	Medium
4	PROVINCE DE TINGHIR	0.59	0.82	High	Very High	0.71	0.60	High	High	0.65	0.77	High	Very High
5	SETTAT PROVINCE	0.42	0.57	Medium	High	0.14	0.04	Low	Low	0.09	0.04	Low	Low
6	RHAMNA PROVINCE	0.45	0.62	Medium	High	0.51	0.42	High	Medium	0.36	0.41	Medium	Medium
7	TAROUDANT PROVINCE	0.43	0.67	Medium	High	0.73	0.72	High	High	0.49	0.75	Medium	High
8	SIDI IFNI PROVINCE	0.13	0.37	Low	Medium	0.67	0.69	High	High	0.14	0.40	Low	Medium
9	TETOUAN PROVINCE	0.35	0.41	Medium	Medium	0.55	0.51	High	High	0.30	0.33	Medium	Medium
10	PROVINCE DE SIDI BENNOUR	0.23	0.35	Low	Medium	0.41	0.30	Medium	Medium	0.15	0.17	Low	Low
11	PROVINCE DE SEFROU	0.63	0.86	High	Very High	0.69	0.59	High	High	0.68	0.79	High	Very High
12	PROVINCE DE SIDI SLIMANE	0.43	0.58	Medium	High	0.40	0.30	Medium	Medium	0.27	0.27	Medium	Medium
13	PROVINCE DE SIDI KACEM	0.44	0.59	Medium	High	0.43	0.33	Medium	Medium	0.30	0.30	Medium	Medium
14	PROVINCE DE TAOUNATE	0.52	0.69	High	High	0.55	0.45	High	Medium	0.44	0.49	Medium	Medium
15	PROVINCE DE TAZA	0.51	0.73	High	High	0.55	0.47	High	Medium	0.44	0.54	Medium	High
16	PROVINCE DE TAOURIRT	0.52	0.81	High	Very High	0.60	0.54	High	High	0.49	0.68	Medium	High
17	PROVINCE DE KHEMISSET	0.44	0.59	Medium	High	0.47	0.37	Medium	Medium	0.32	0.34	Medium	Medium
18	PROVINCE DE KENITRA	0.32	0.45	Medium	Medium	0.32	0.21	Medium	Low	0.16	0.15	Low	Low
19	PROVINCE DE KHOURIBGA	0.54	0.71	High	High	0.10	0.00	Low	Low	0.08	0.00	Low	Low
20	PROVINCE DE KHENIFRA	0.67	0.86	High	Very High	0.83	0.73	Very High	High	0.86	0.99	Very High	Very High
21	PROVINCE DE MOULAY YACOUB	0.61	0.79	High	Very High	0.64	0.55	High	High	0.61	0.68	High	High
22	PROVINCE DE MIDELT	0.72	1.00	High	Very High	0.70	0.63	High	High	0.79	0.99	Very High	Very High
23	PROVINCE DE SAFI	0.16	0.27	Low	Medium	0.58	0.55	High	High	0.15	0.23	Low	Low

24	PROVINCE DE NADOR	0.35	0.61	Medium	High	0.55	0.52	High	High	0.31	0.50	Medium	High
25	PROVINCE DE BERKANE	0.44	0.73	Medium	High	0.61	0.55	High	High	0.42	0.62	Medium	High
26	PROVINCE DE BENSLIMANE	0.28	0.39	Medium	Medium	0.21	0.10	Low	Low	0.09	0.06	Low	Low
27	PROVINCE DE DRIOUCH	0.27	0.49	Medium	Medium	0.58	0.55	High	High	0.25	0.43	Low	Medium
28	PROVINCE DE BOULEMANE	0.61	0.87	High	Very High	0.58	0.52	High	High	0.55	0.70	High	High
29	PROVINCE DE FQUIH BEN SALEH	0.59	0.75	High	Very High	0.61	0.51	High	High	0.56	0.61	High	High
30	PROVINCE DE JERADA	0.54	0.85	High	Very High	0.58	0.52	High	High	0.49	0.69	Medium	High
31	PROVINCE DE GUERCIF	0.50	0.76	Medium	Very High	0.49	0.43	Medium	Medium	0.38	0.50	Medium	High
32	PROVINCE D AZILAL	0.69	0.91	High	Very High	0.78	0.68	Very High	High	0.84	0.98	Very High	Very High
33	PREFECTURE OF TANGIER ASSILAH	0.32	0.40	Medium	Medium	0.49	0.45	Medium	Medium	0.25	0.28	Low	Medium
34	PROVINCE D EL KELAAT ES SRAGHNA	0.55	0.72	High	High	0.49	0.40	Medium	Medium	0.42	0.45	Medium	Medium
35	PROVINCE D EL HAJEB	0.59	0.76	High	Very High	0.76	0.66	Very High	High	0.69	0.79	High	Very High
36	PROVINCE D IFRANE	0.67	0.89	High	Very High	0.82	0.72	Very High	High	0.85	1.00	Very High	Very High
37	PROVINCE D ERRACHIDIA	0.46	0.69	Medium	High	0.65	0.57	High	High	0.47	0.61	Medium	High
38	PROVINCE DE BENI MELLAL	0.68	0.89	High	Very High	0.73	0.63	High	High	0.77	0.88	Very High	Very High
39	PROVINCE D OUEZZANE	0.40	0.51	Medium	High	0.51	0.43	High	Medium	0.32	0.34	Medium	Medium
40	PREFECTURE DE MARRAKECH	0.48	0.66	Medium	High	0.48	0.45	Medium	Medium	0.36	0.46	Medium	Medium
41	PREFECTURE DE M DIQ FNIDEQ	0.36	0.46	Medium	Medium	0.56	0.52	High	High	0.32	0.38	Medium	Medium
42	PREFECTURE DE SKHIRATE TEMARA	0.28	0.40	Medium	Medium	0.54	0.43	High	Medium	0.24	0.27	Low	Medium
43	PREFECTURE DE MEKNES	0.57	0.75	High	Very High	0.72	0.63	High	High	0.65	0.74	High	High
44	PREFECTURE OF MOHAMMEDIA	0.22	0.32	Low	Medium	0.21	0.11	Low	Low	0.07	0.05	Low	Low
45	PREFECTURE OF CASABLANCA	0.20	0.30	Low	Medium	0.27	0.16	Medium	Low	0.08	0.08	Low	Low
46	PREFECTURE OF SALE	0.31	0.46	Medium	Medium	0.49	0.39	Medium	Medium	0.24	0.28	Low	Medium

47	PREFECTURE OF RABAT	0.27	0.41	Medium	Medium	0.65	0.54	High	High	0.28	0.35	Medium	Medium
48	INEZGANE AIT MELLOUL PREFECTURE	0.12	0.34	Low	Medium	0.66	0.66	High	High	0.12	0.34	Low	Medium
49	MEDIOUNA PROVINCE	0.22	0.32	Low	Medium	0.22	0.11	Low	Low	0.07	0.06	Low	Low
50	LARACHE PROVINCE	0.34	0.41	Medium	Medium	0.51	0.46	High	Medium	0.27	0.30	Medium	Medium
51	OUARZAZATE PROVINCE	0.61	0.86	High	Very High	0.75	0.68	Very High	High	0.72	0.90	High	Very High
52	NOUACEUR PROVINCE	0.18	0.28	Low	Medium	0.25	0.13	Low	Low	0.07	0.06	Low	Low
53	PREFECTURE DE FES	0.62	0.81	High	Very High	0.63	0.53	High	High	0.61	0.67	High	High
54	PREFECTURE D OUJDA ANGAD	0.48	0.80	Medium	Very High	0.65	0.58	High	High	0.49	0.73	Medium	High
55	BERRECHID PROVINCE	0.24	0.34	Low	Medium	0.20	0.08	Low	Low	0.07	0.04	Low	Low
56	CHICHAOUA PROVINCE	0.31	0.46	Medium	Medium	0.56	0.53	High	High	0.27	0.39	Medium	Medium
57	CHEFCHAOUEN PROVINCE	0.35	0.43	Medium	Medium	0.58	0.53	High	High	0.32	0.36	Medium	Medium
58	EL JADIDA PROVINCE	0.18	0.27	Low	Medium	0.41	0.29	Medium	Medium	0.11	0.13	Low	Low
59	CHTOUKA AIT BAHA PROVINCE	0.20	0.43	Low	Medium	0.67	0.69	High	High	0.21	0.47	Low	Medium
60	FAHS ANJRA PROVINCE	0.34	0.41	Medium	Medium	0.54	0.50	High	High	0.29	0.32	Medium	Medium
61	ESSAOUIRA PROVINCE	0.09	0.19	Low	Low	0.62	0.62	High	High	0.09	0.18	Low	Low
62	AGADIR IDA OUTANANE PREFECTURE	0.08	0.21	Low	Low	0.79	0.82	Very High	Very High	0.09	0.27	Low	Medium
63	AL HOCEIMA PROVINCE	0.37	0.52	Medium	High	0.55	0.49	High	Medium	0.32	0.41	Medium	Medium
64	AL HAOUZ PROVINCE	0.57	0.78	High	Very High	0.64	0.61	High	High	0.57	0.74	High	High
65	AGADIR IDA OUTANANE PREFECTURE	0.00	0.13	Low	Low	0.96	1.00	Very High	Very High	0.00	0.21	Low	Low
66	BERRECHID PROVINCE	0.16	0.25	Low	Medium	0.38	0.23	Medium	Low	0.10	0.09	Low	Low
67	CHTOUKA AIT BAHA PROVINCE	0.08	0.31	Low	Medium	0.79	0.83	Very High	Very High	0.10	0.40	Low	Medium

68	EL JADIDA PROVINCE	0.13	0.21	Low	Low	0.64	0.55	High	High	0.13	0.18	Low	Low
69	ESSAOUIRA PROVINCE	0.02	0.11	Low	Low	0.87	0.86	Very High	Very High	0.02	0.15	Low	Low
70	FAHS ANJRA PROVINCE	0.34	0.41	Medium	Medium	0.62	0.58	High	High	0.33	0.37	Medium	Medium
71	PREFECTURE DE M DIQ FNIDEQ	0.36	0.46	Medium	Medium	0.62	0.58	High	High	0.35	0.42	Medium	Medium
72	PREFECTURE DE SKHIRATE TEMARA	0.25	0.36	Low	Medium	0.84	0.72	Very High	High	0.32	0.40	Medium	Medium
73	PREFECTURE OF TANGIER ASSILAH	0.32	0.40	Medium	Medium	0.62	0.58	High	High	0.31	0.37	Medium	Medium
74	PROVINCE DE KENITRA	0.28	0.42	Medium	Medium	0.50	0.40	Medium	Medium	0.22	0.26	Low	Medium