

Minimum Expenditure Basket After the Earthquake Disaster in Türkiye

Following the two massive earthquakes that struck southeastern Türkiye on February 2023, UN WFP, Türk Kızılay (Turkish Red Crescent) and IFRC jointly studied a Minimum Expenditure Basket (MEB) methodology and analysis to contribute to emergency response programs to quantify and inform basic needs. Several months after the earthquake, rapid response operations are still underway in the most affected areas.

According to the pre-earthquake population figures and the field observations, an average earthquake-affected household is composed of 5 people – 2 children and 3 adults. The food component of the MEB consists of a nutritionally balanced diet and the costs related to health, shelter, education, transportation, and communication expenditure are calculated based on the Sphere standards. The monthly Consumption Price Index (CPI) data from the Turkish Statistical Institute is used for calculation.



The cost of MEB increased by 4 percent between October and November, reaching 2.262 TRY per person and 11.310 TRY for a 5-person household. The cost contributions to the MEB were mainly food and rent. 4 percent increase in food and a 6 percent increase in rental expenses drive the increase in MEB. Inflation rate has maintained its annual upward trend and is 61.98 percent, and monthly inflation is 3.43 percent.

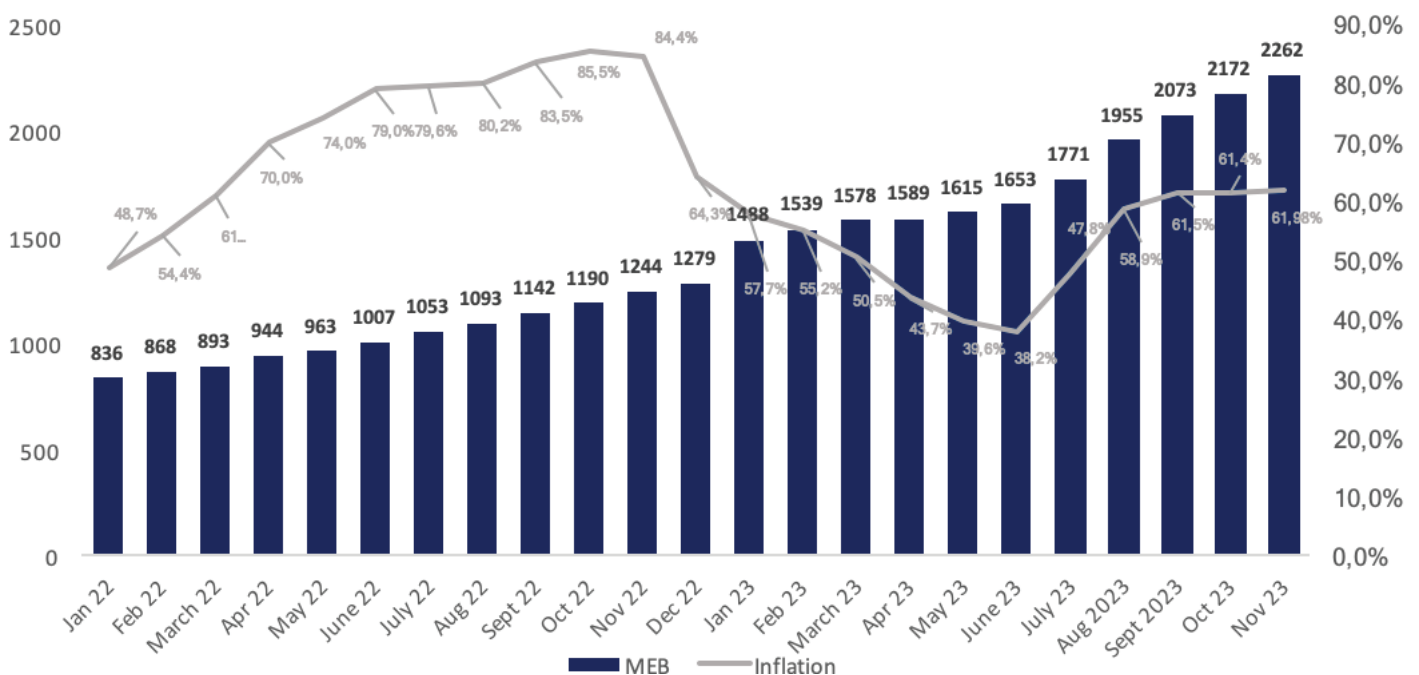


Figure 1 Türkiye Earthquake Response MEB Cost Analysis

1 This term refers to "Estimated Minimum Expenditure Basket Value"

2 For details of the MEB methodology and analysis: <https://reliefweb.int/report/turkiye/minimum-expenditure-basket-methodology-and-analysis-turkiye-earthquake-emergency>

3 TURKSTAT, "Consumer Price Index - October 2023," Turkish Statistical Institute, (November 2023 - TUIK)

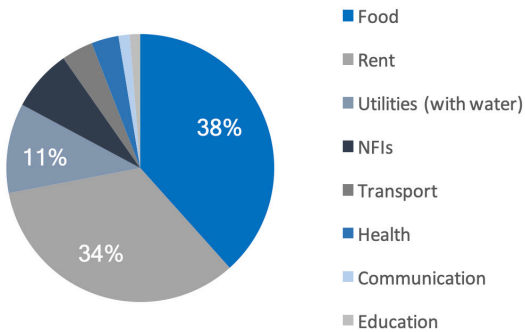


Figure 2 Share of MEB Items

Following the figure 2, percentages of MEB items are represented. The analysis indicates that the largest share contributor to the MEB is food which is 38 percent, followed by the cost of rent which is 34 per cent and utilities which 11 per cent. Non-food items account for 7 percent of MEB costs, while the minimum cost to MEB is education which 1 percent. In this context, Figure 3 above shows the cost per household and per capita for each expenditure component of MEB.

Commodities	5 People Household (TRY)	Per Person (TRY)
Food	4.340	868
Rent	3.802	760
Utilities (with water)	1.225	245
NFIs	843	169
Health	373	75
Education	142	28
Transport	430	86
Communication	153	31
MEB Cost	11.310	2.262

Figure 3 Households MEB Components

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