Activity Sheet 58

Effect of the new road on travel: Kenya case study

Purpose

The purpose of this activity is to analyse the impact of the new road on various travel parameters, using data collated from the case study. You are also asked to make an analysis of gender differences in the impact of the road, particularly with reference to the reasons why people make journeys.

Group Work

1. Examine the data in the tables attached. These have been extracted from the case study.

2. Discuss the following questions:

    A. *What has been the impact of the new road on the use of transport modes?*

    B. *How has the "journey purpose" changed?*

    C. *How does the "journey purpose" differ between men and women? What might be possible reasons for these differences?*

3. Prepare your findings on flip chart.

4. Elect a person to present the group's findings.

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training

Number of trips by transport mode

Transport Mode	Number of Journeys (and %)					
	1983		1986		1989	
Matatu	3175	(85%)	6126	(74%)	4192	(76%)
Bus	111	(3%)	582	(7%)	216	(4%)
Private Car	162	(4%)	556	(7%)	306	(6%)
Bicycle	23	(<1%)	159	(2%)	158	(3%)
Motorcycle	0		56	(<1%)	108	(2%)
Other Vehicle	36	(1%)	156	(2%)	21	(<1%)
Walk	243	(6%)	638	(8%)	531	(10%)
TOTAL	3750		8273		5532	

Breakdown of journey purpose by gender

Journey Purpose	Number of journeys (Percent of total)						Percent of journeys in each category by females		
	1983		1986		1989		1983	1986	1989
Work	304	(20%)	964	(30%)	787	(33%)	23	30	23
Shopping	272	(18%)	543	(17%)	401	(17%)	43	33	39
Social	326	(21%)	560	(17%)	419	(18%)	48	35	34
Health	192	(13%)	450	(14%)	314	(13%)	64	63	60
School	27	(2%)	183	(6%)	67	(3%)	48	58	27
Trading	112	(8%)	176	(5%)	114	(5%)	80	51	77
Personal Business	191	(13%)	260	(8%)	138	(6%)	16	13	21
Bank	70	(5%)	124	(4%)	132	(6%)	14	21	23
Total	1494		3260		2372		41	37	35

Data extracted from: Social benefits of rural transport: a mixed response from a road improvement project in the Thuchi-Nkubu area of Kenya. By: Airey A and M A Cundill (1998)