

Report of the surveillance of risk factors of non-communicable diseases (STEP 1 and 2) from CHENNAI

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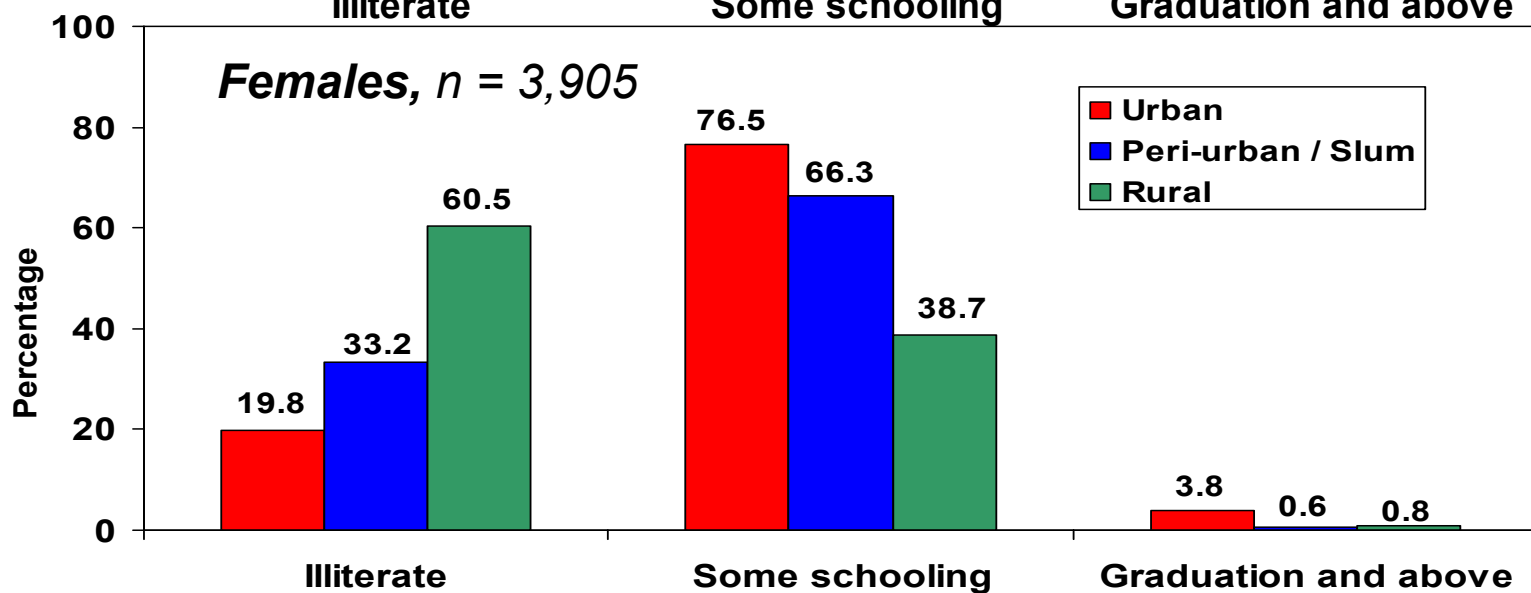
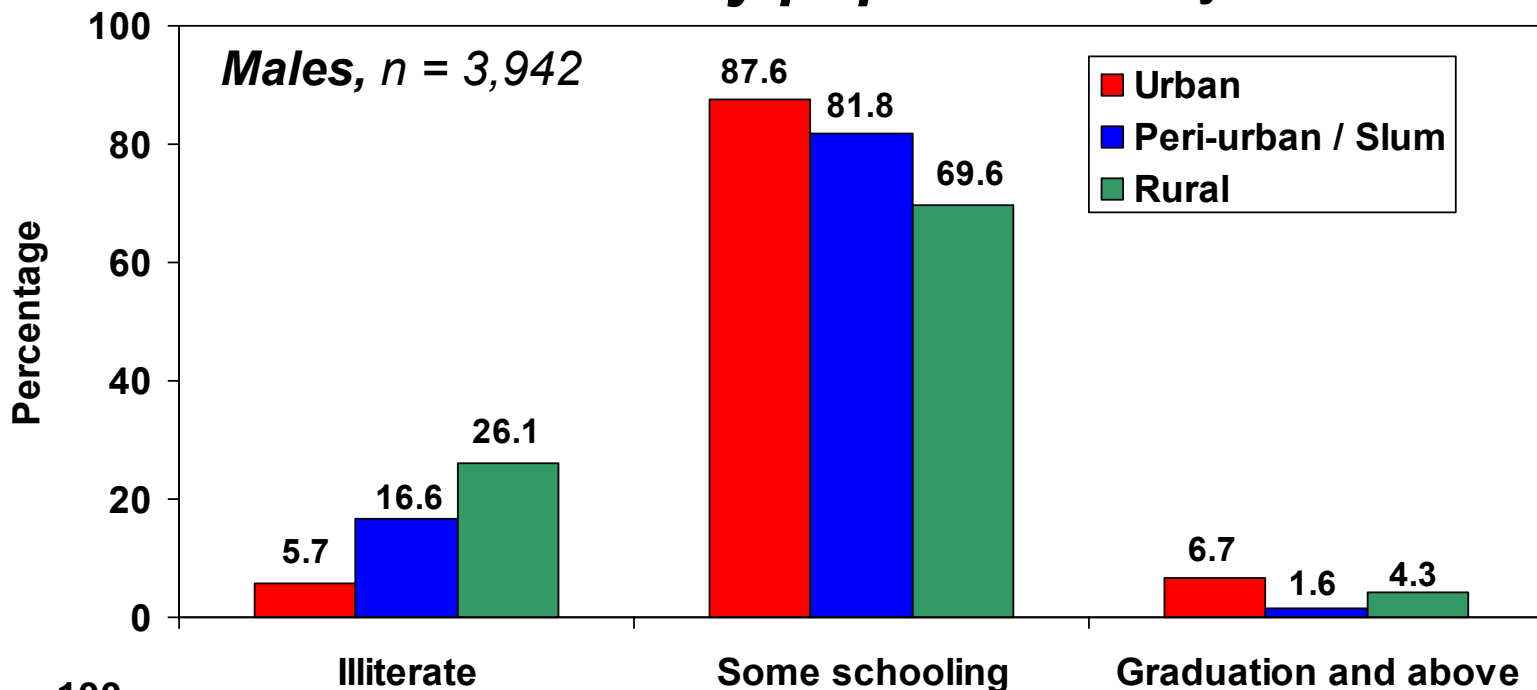
Prevalence of diabetes and its risk factors in urban, peri-urban and rural areas of Chennai

Details	Urban	Peri urban/ Slum	Rural
Diabetes			
Self reported diabetes [%]	8.7	6.6	3.9
Those on treatment [%]	85.4	82.1	61.6
Obesity			
Prevalence [%]	33.3	28.9	9.3
Mean BMI [Kg/m ²]	23.2 ± 4.8	22.6 ± 4.8	20.0 ± 3.6
Abdominal obesity			
Prevalence [%]	39.5	31.4	16.0
Mean waist circumference [cm]	81 ± 12	78 ± 12	74 ± 10
Occupation: [%]			
Clerical/medium business	6.7	1.8	2.1
Self-employed/skilled	15.2	8.5	4.2
Unskilled/landless labourer	20.9	44.3	59.8
Homemaker	40.5	27.6	16.1
Others	16.7	17.8	17.8

Obesity [BMI ≥ 25 Kg/m²] and abdominal obesity [waist circumference ≥90 cm [males] and ≥80 cm [females] are defined based on WHO Asia Pacific guidelines, 2000

Source: NCD risk factor surveillance study – Chennai Chapter

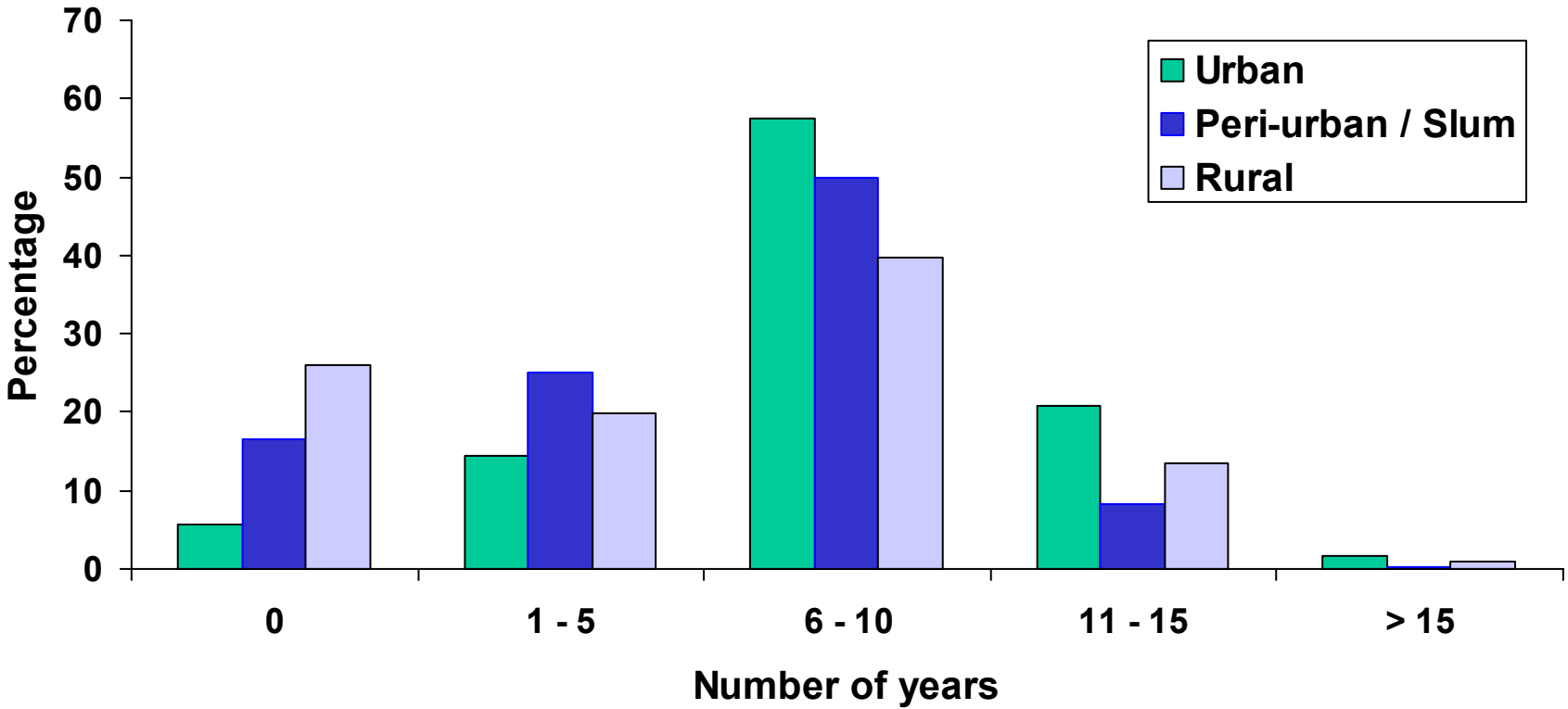
Education level in the study population : By residence and gender



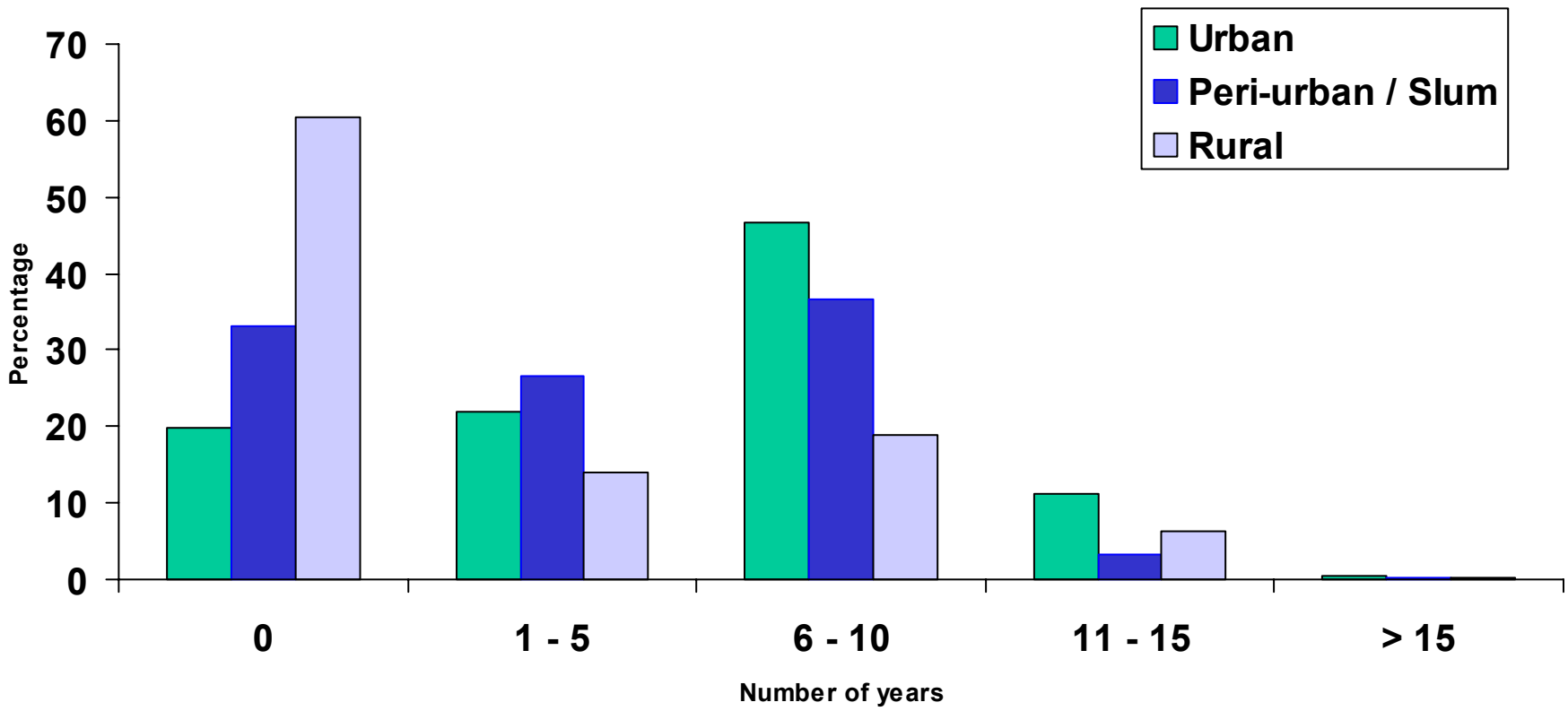
Years spent at school : By residence and Gender

	Urban	Peri-urban / Slum	Rural
Male	9.05 ± 3.10	7.54 ± 2.88	8.27 ± 3.30
Female	7.94 ± 3.00	6.62 ± 2.72	7.57 ± 3.15
Overall	8.54 ± 3.10	7.13 ± 2.84	8.03 ± 3.26

Years spent at school : Male



Years spent at school : Female



Employment categories in the study population : By residence
n = 7,847

Occupation	Urban	Peri-urban / Slum	Rural
Professional/Executive/Big business	0.2%	0%	0.3%
Clerical/medium business	6.7%	1.8%	2.1%
Self-employed/skilled	15.2%	8.5%	4.2%
Unskilled/landless labourer	20.9%	44.3%	59.8%
Student	3.5%	3.7%	6.7%
Homemaker	40.5%	27.6%	16.1%
Retired	3.8%	1.4%	0.3%
Unemployed (able to work)	5.3%	4.4%	4.0%
Unemployed (unable to work)	3.9%	8.2%	6.5%

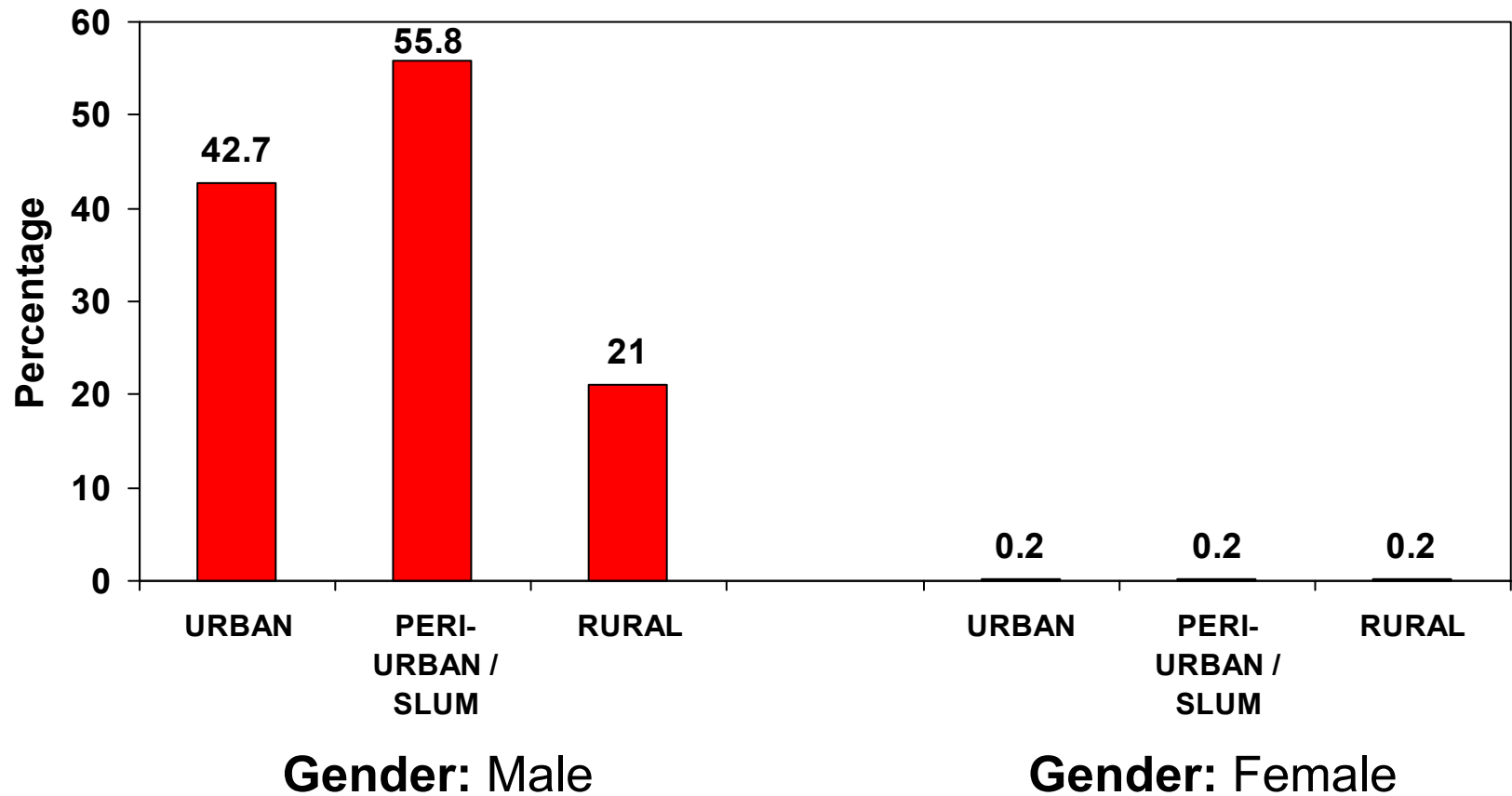
Employment categories in the male population
n = 3,942

Occupation	Urban	Peri-urban / Slum	Rural
Professional/Executive/Big business	0.2%	0.1%	0.4%
Clerical/medium business	12.8%	3.0%	3.8%
Self-employed/skilled	27.8%	13.7%	7.2%
Unskilled/landless labourer	33.1%	58.7%	68.4%
Student	5.5%	5.0%	6.0%
Homemaker	0.1%	0.3%	0%
Retired	7.0%	2.5%	0.6%
Unemployed (able to work)	8.3%	8.0%	6.4%
Unemployed (unable to work)	5.2%	8.8%	7.3%

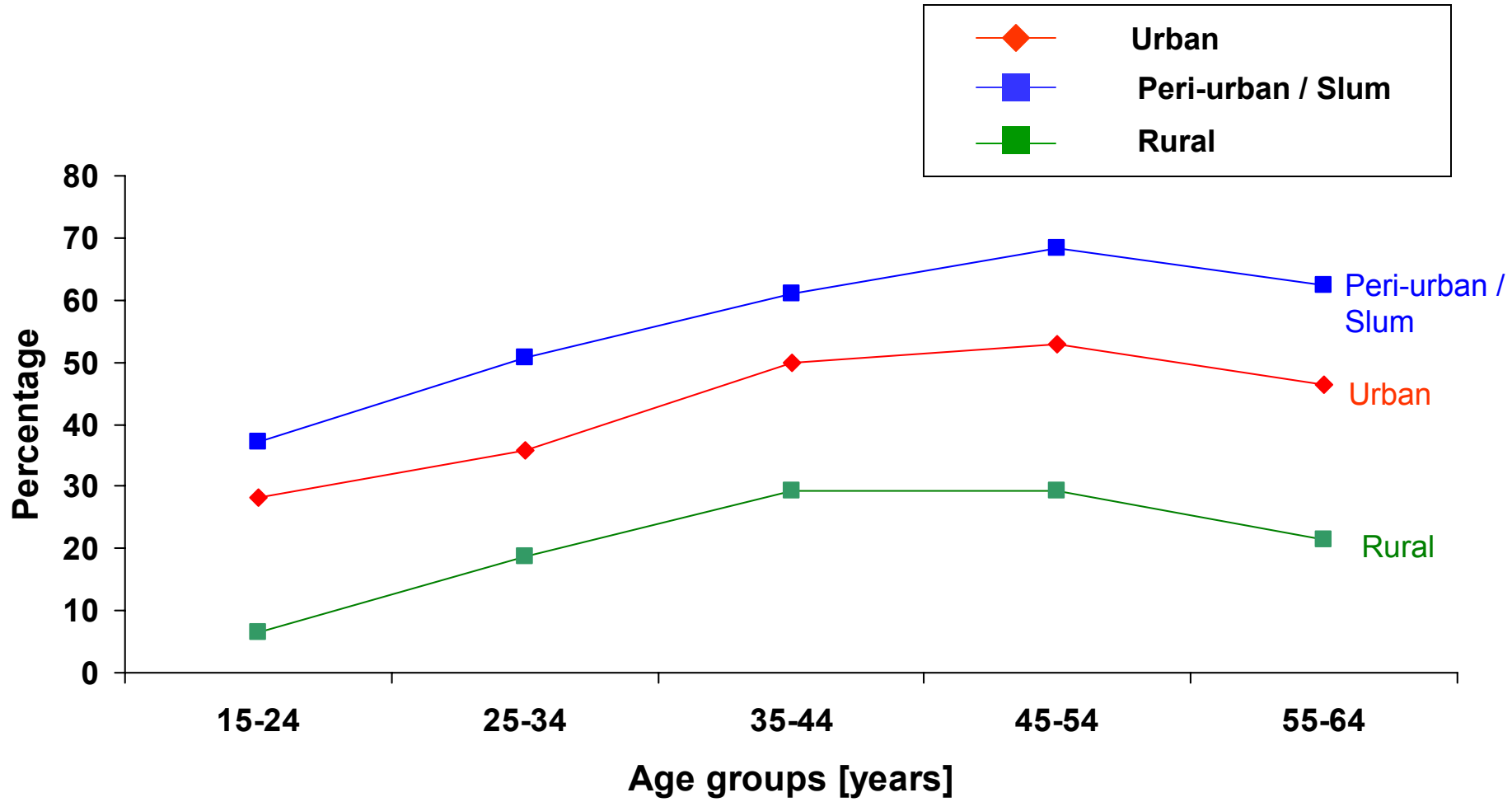
Employment categories in the female population
n = 3,905

Occupation	Urban	Peri-urban / Slum	Rural
Professional/Executive/Big business	0.2%	0%	0.1%
Clerical/medium business	0.7%	0.7%	0.4%
Self-employed/skilled	2.5%	3.4%	1.2%
Unskilled/landless labourer	8.8%	29.9%	51.0%
Student	1.6%	2.3%	7.4%
Homemaker	80.9%	54.9%	32.7%
Retired	0.5%	0.3%	0%
Unemployed (able to work)	2.3%	0.9%	1.5%
Unemployed (unable to work)	2.5%	7.6%	5.5%

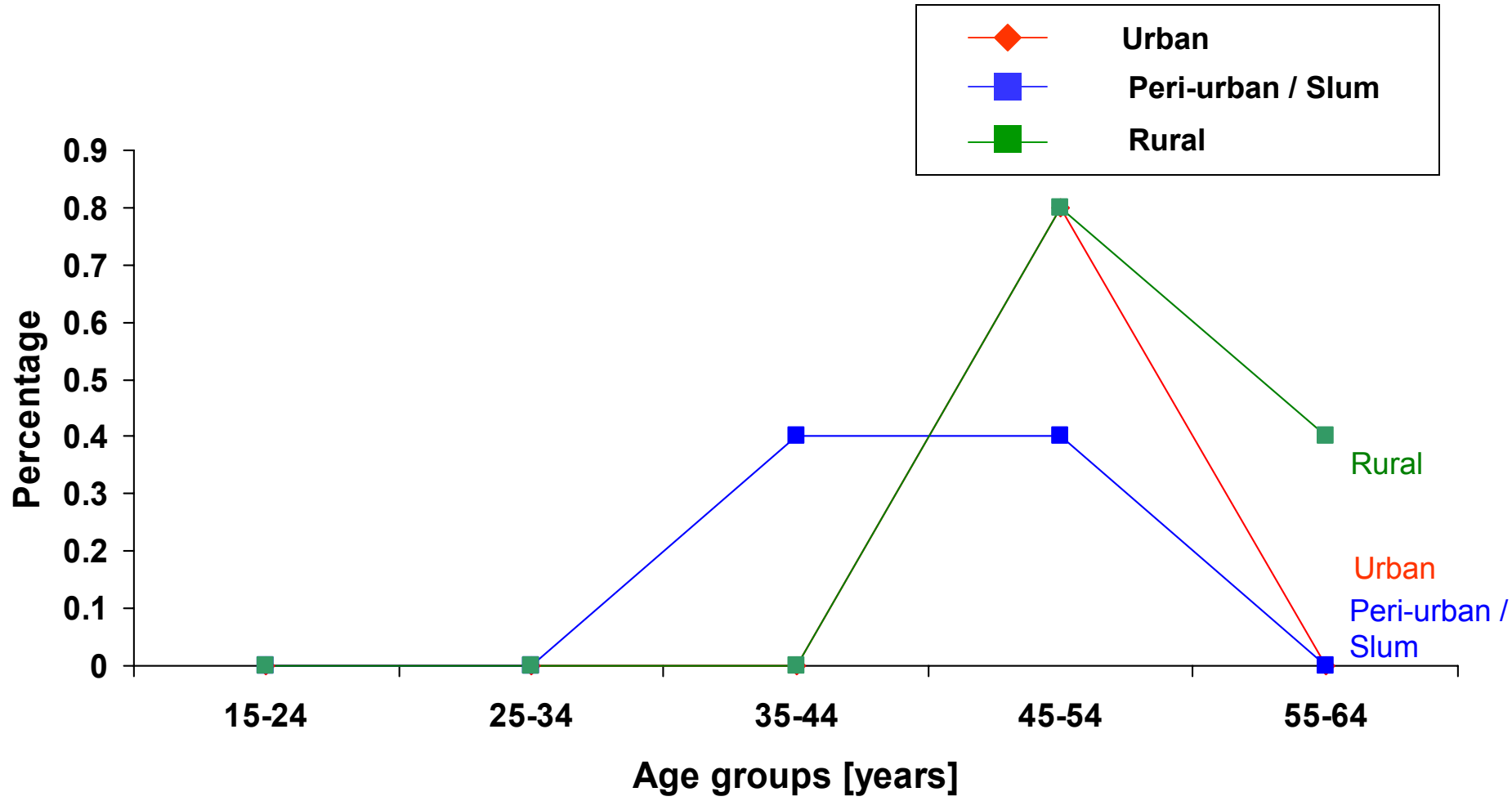
PREVALENCE OF SMOKING - CURRENT USERS: By residence and Gender



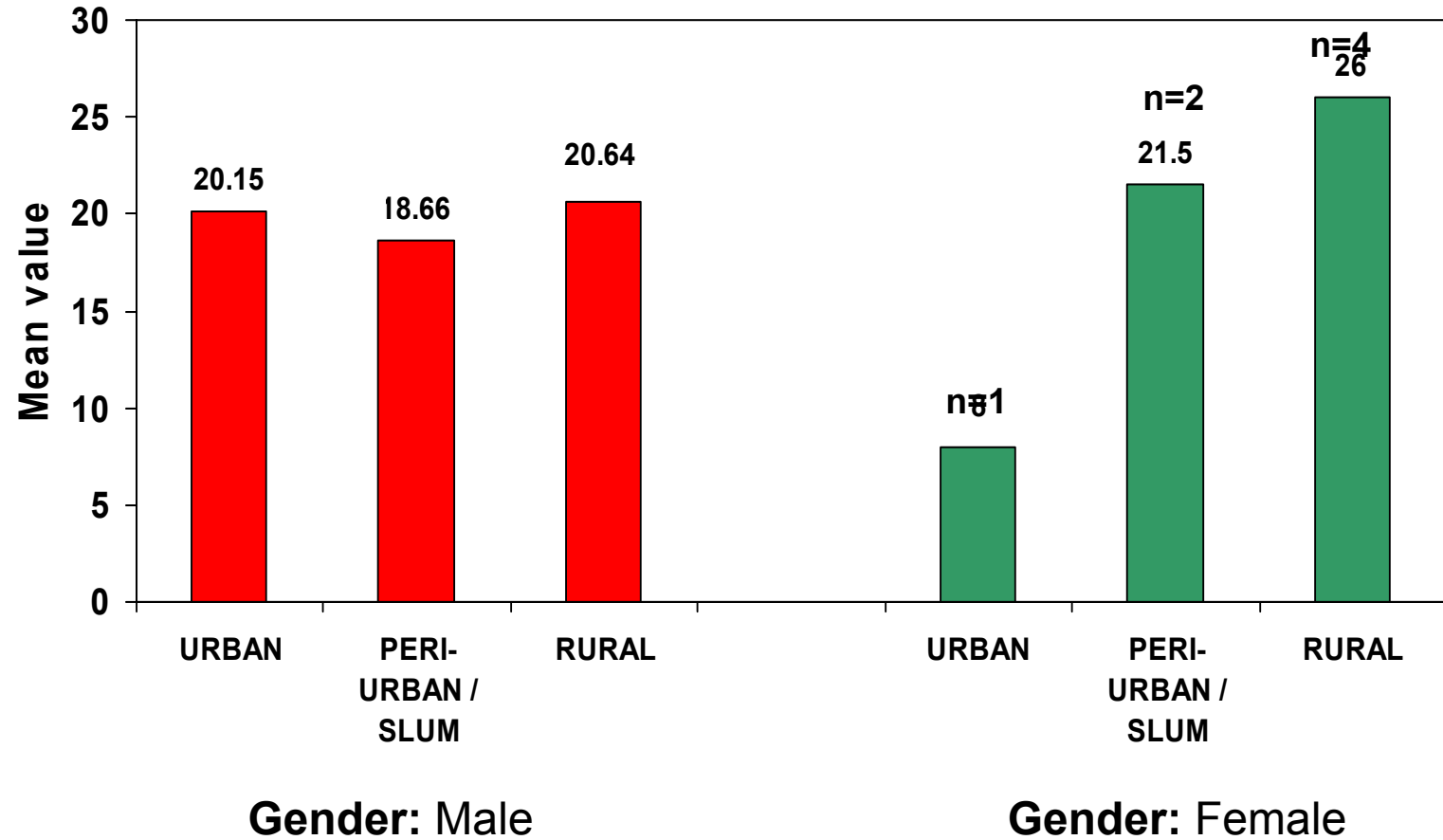
AGEWISE PREVALENCE OF SMOKING - CURRENT USERS: Male



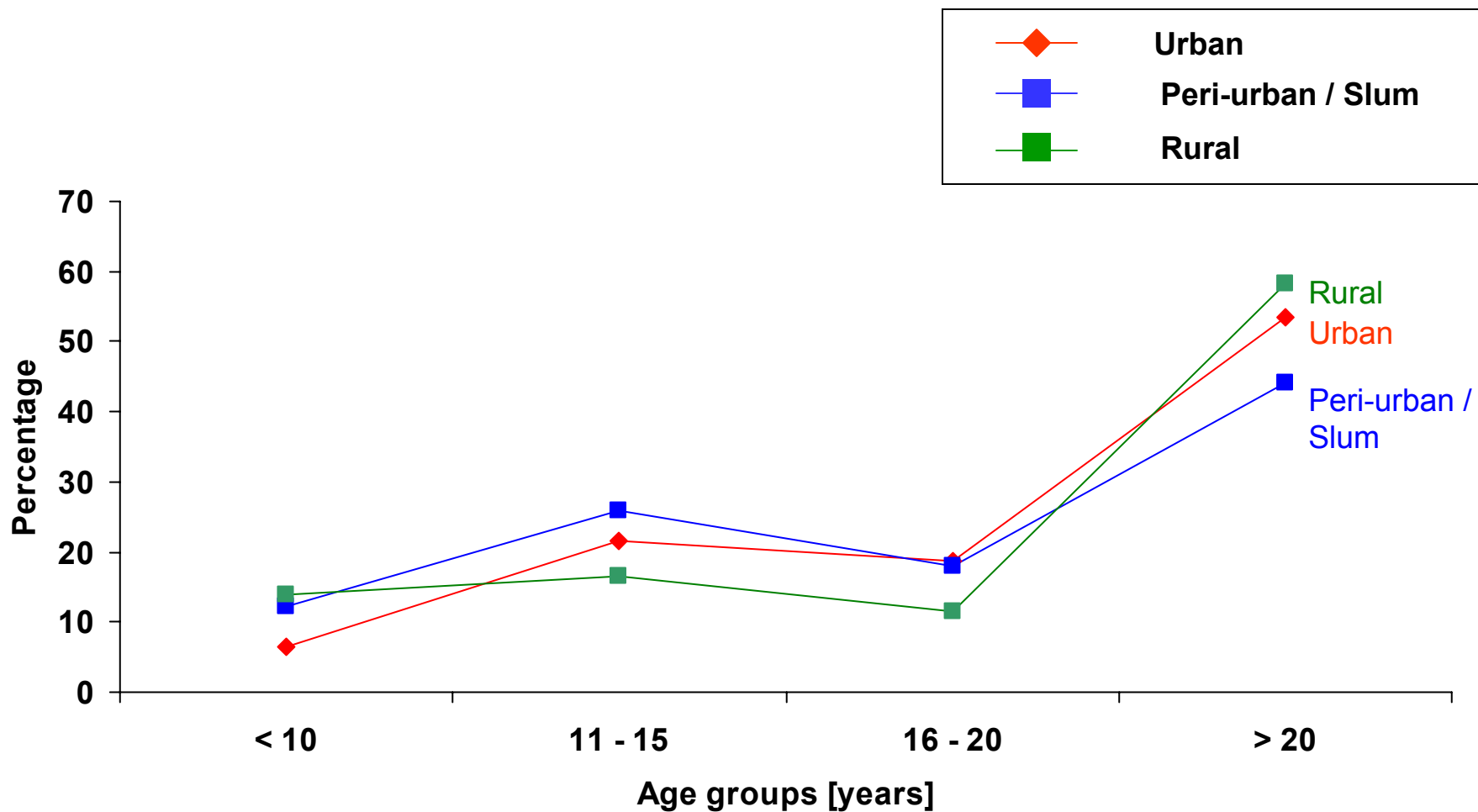
AGEWISE PREVALENCE OF SMOKING - CURRENT USERS: Female



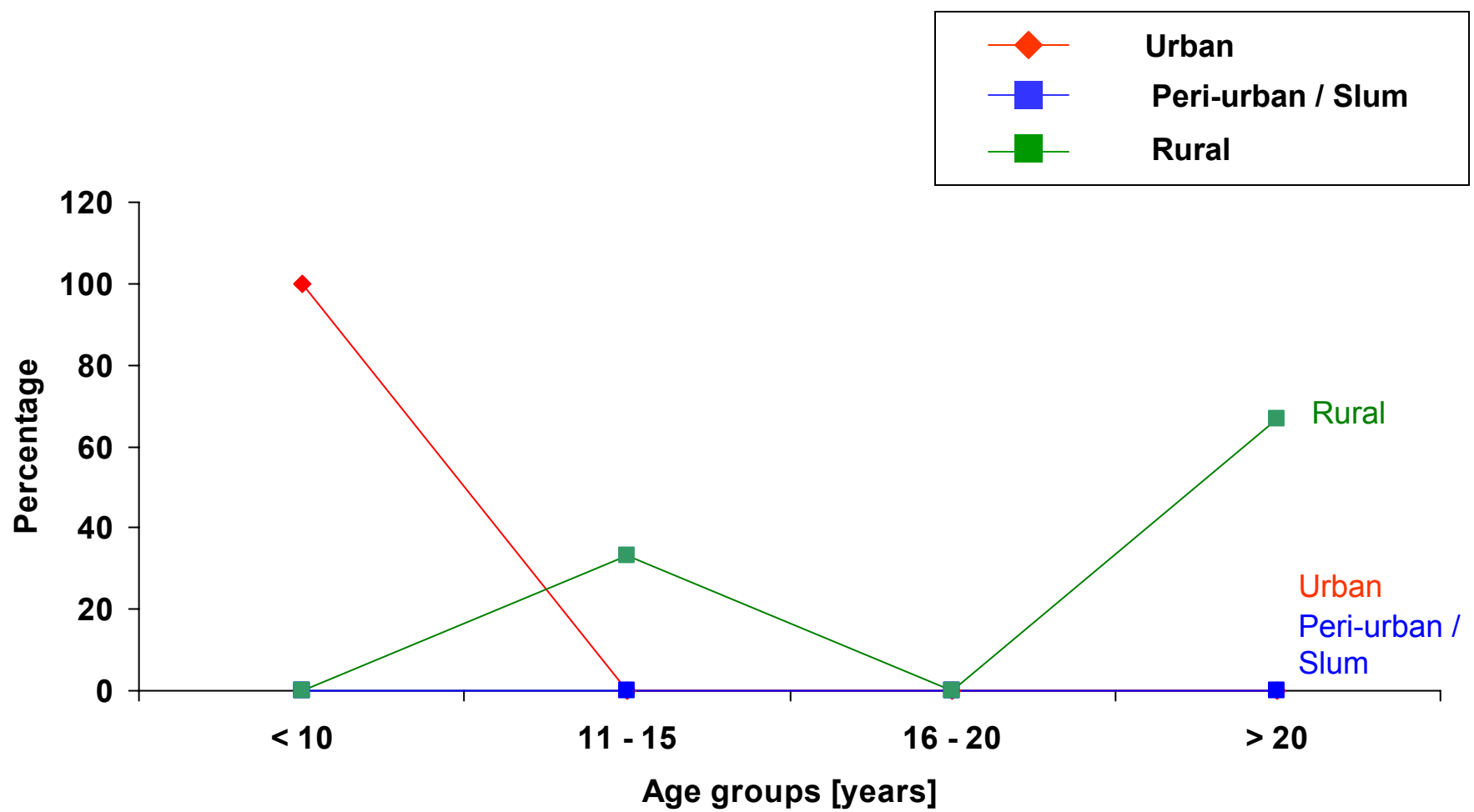
AGE STARTED SMOKING - CURRENT USERS: By residence and Gender



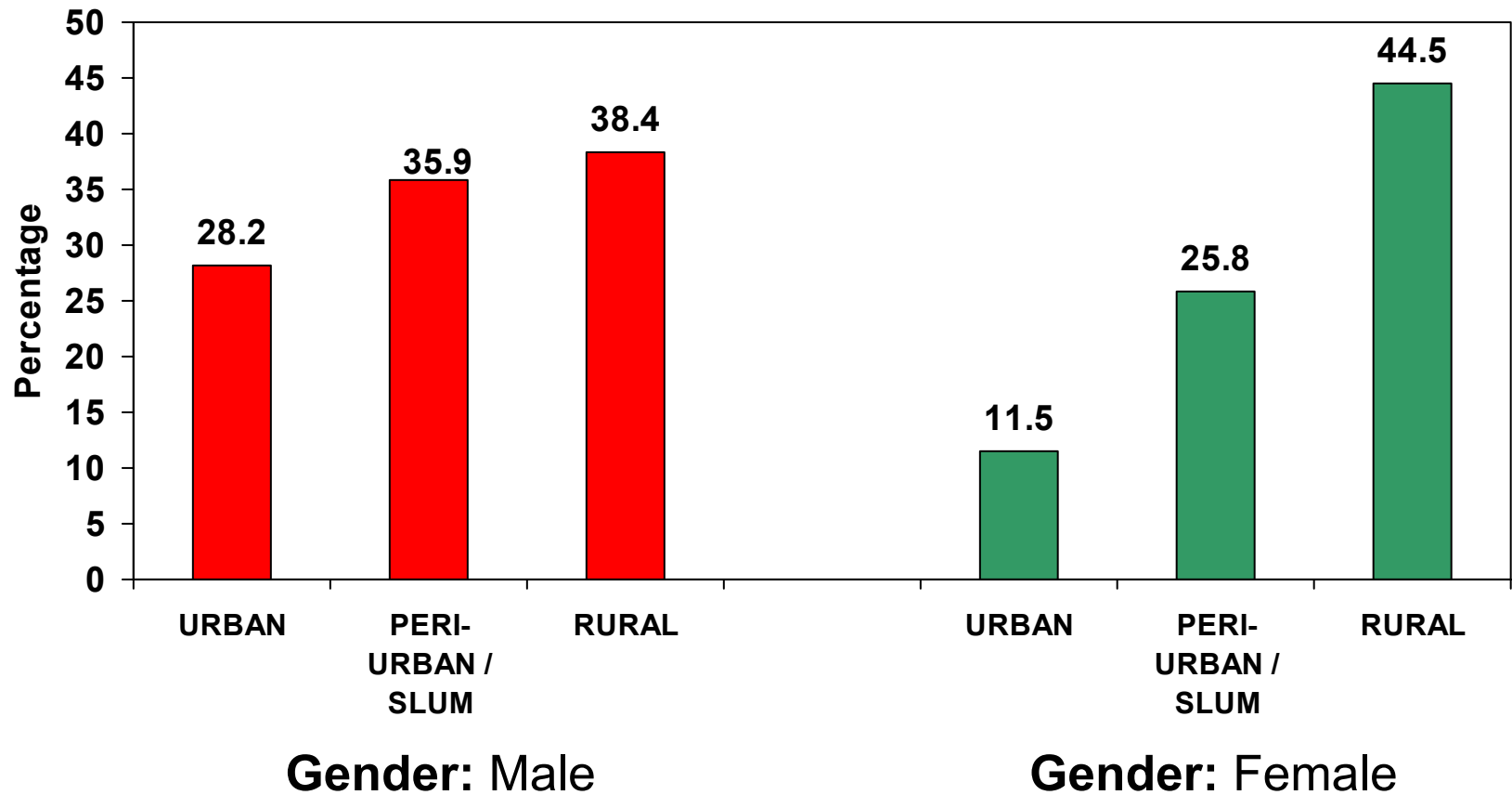
AGE STARTED SMOKING - CURRENT USERS: Male



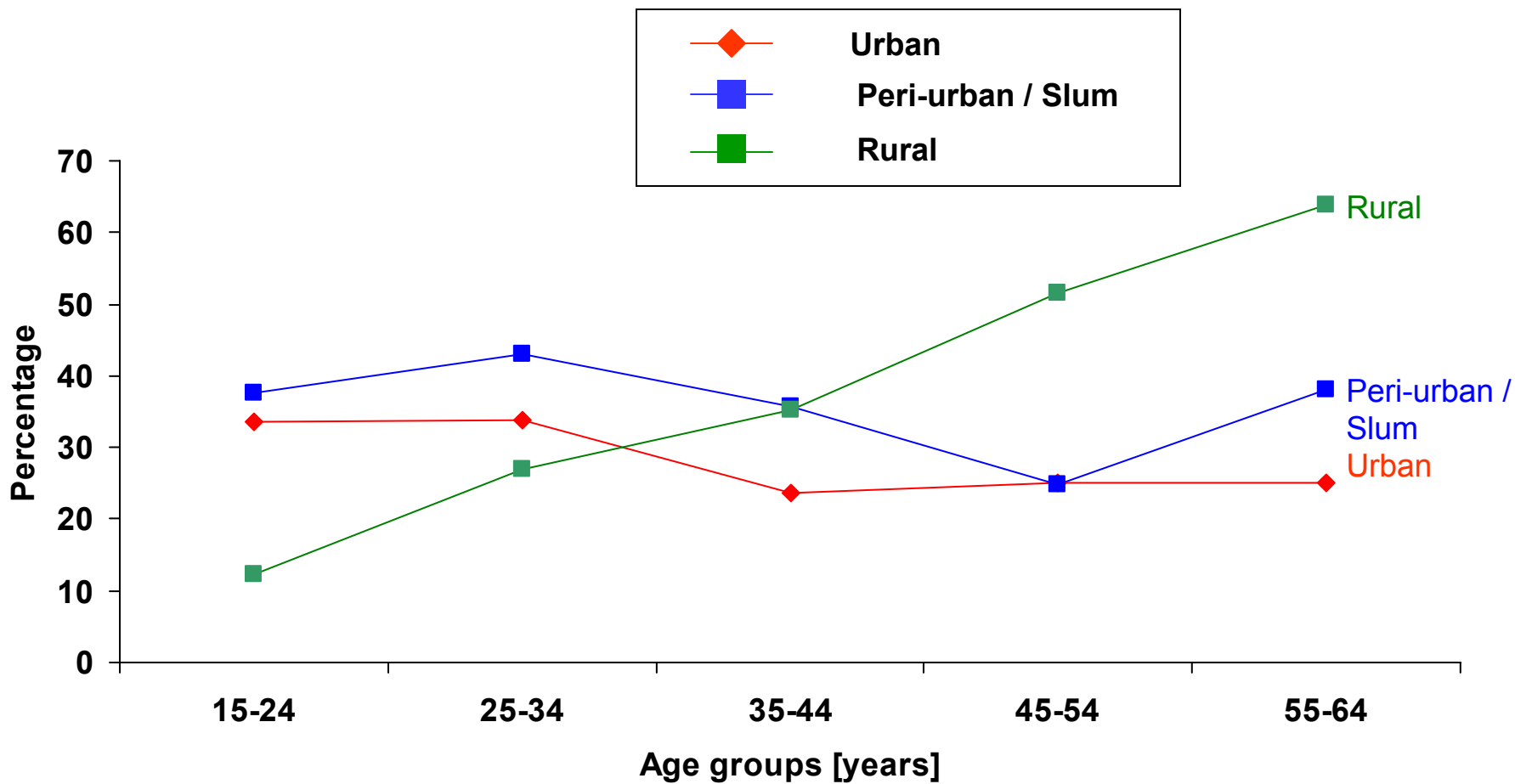
AGE STARTED SMOKING - CURRENT USERS: Female



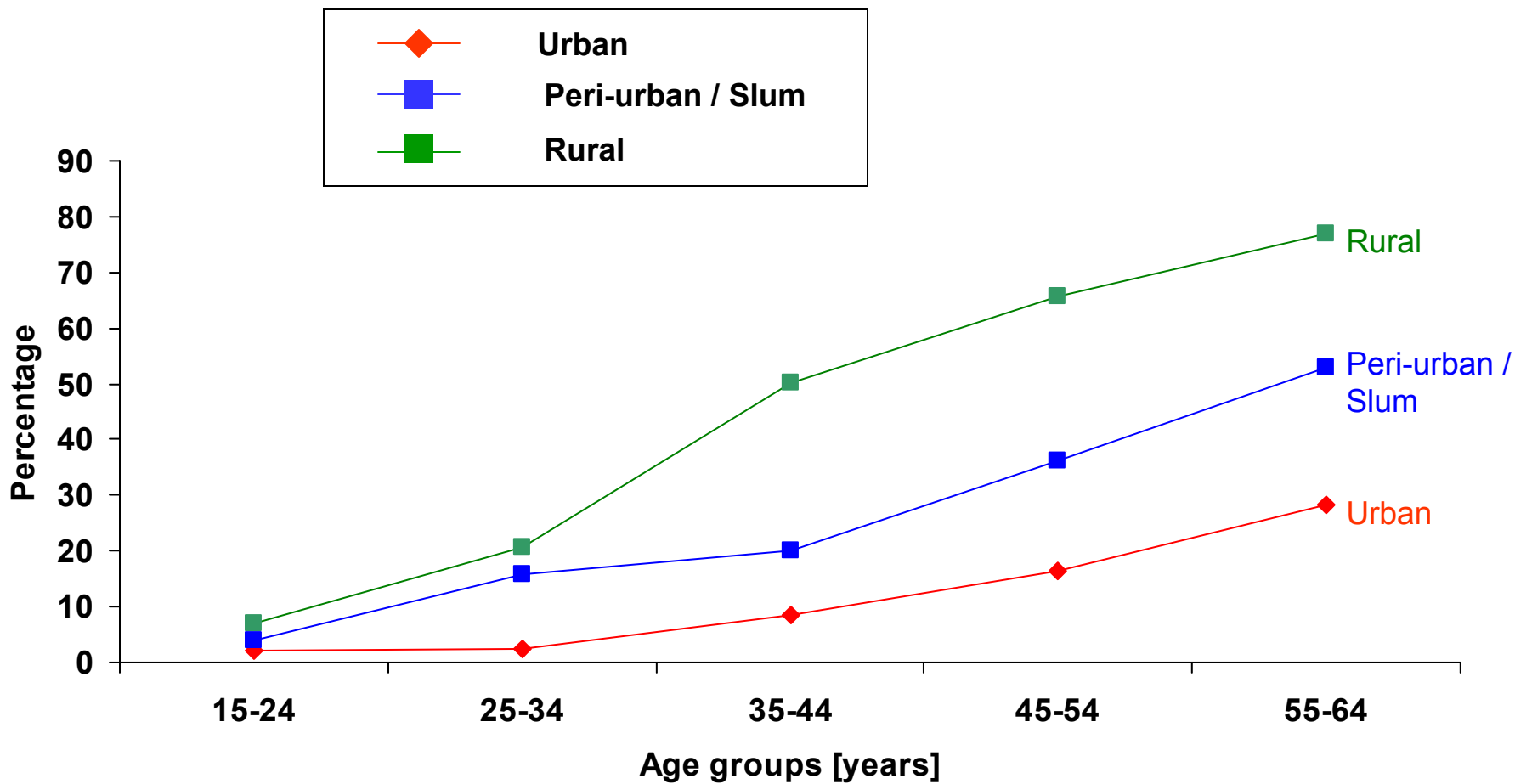
PREVALENCE OF SMOKELESS TOBACCO USAGE - CURRENT USERS: By residence and Gender



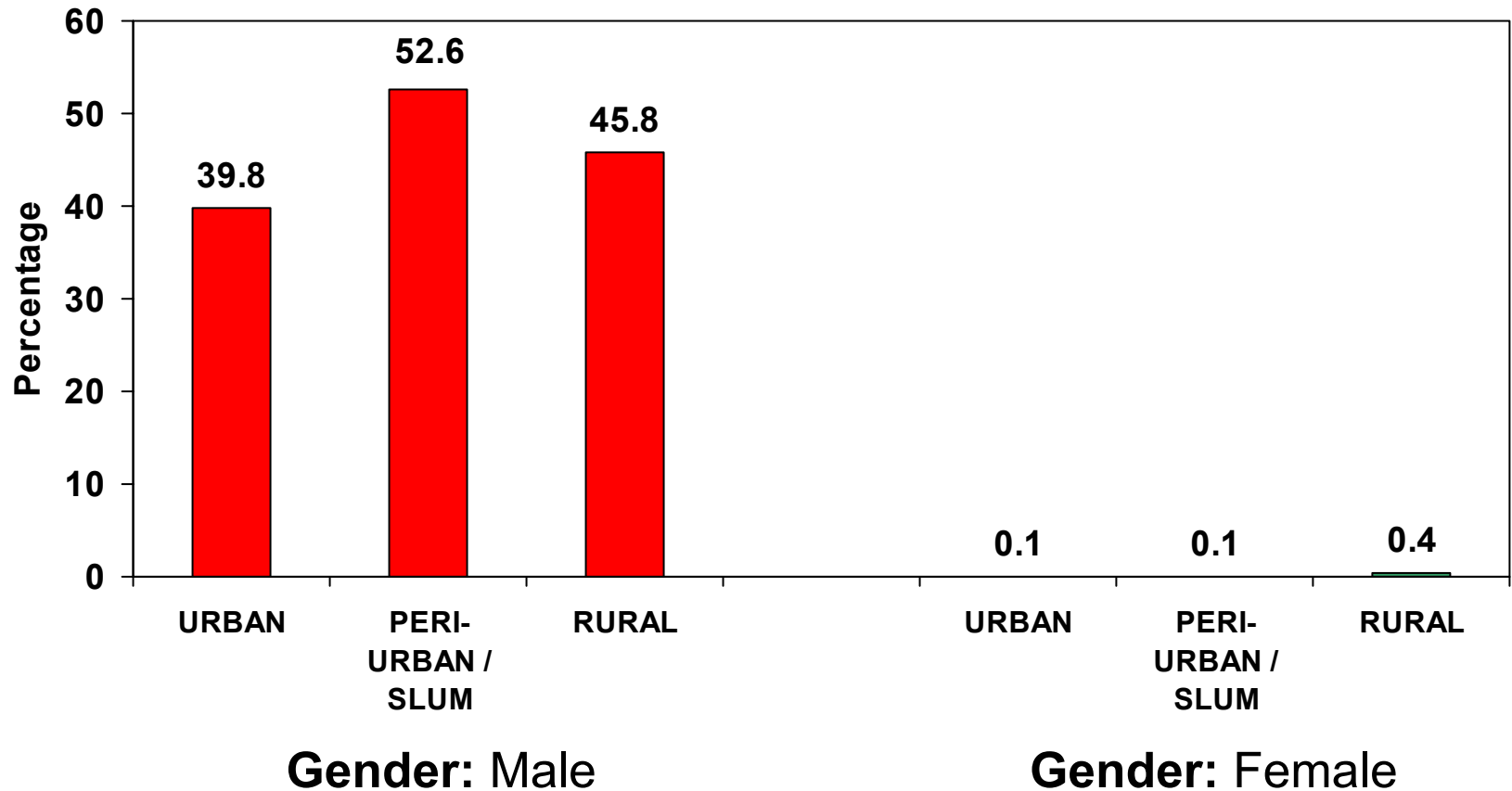
AGEWISE PREVALENCE OF SMOKELESS TOBACCO USERS - CURRENT USERS: Male



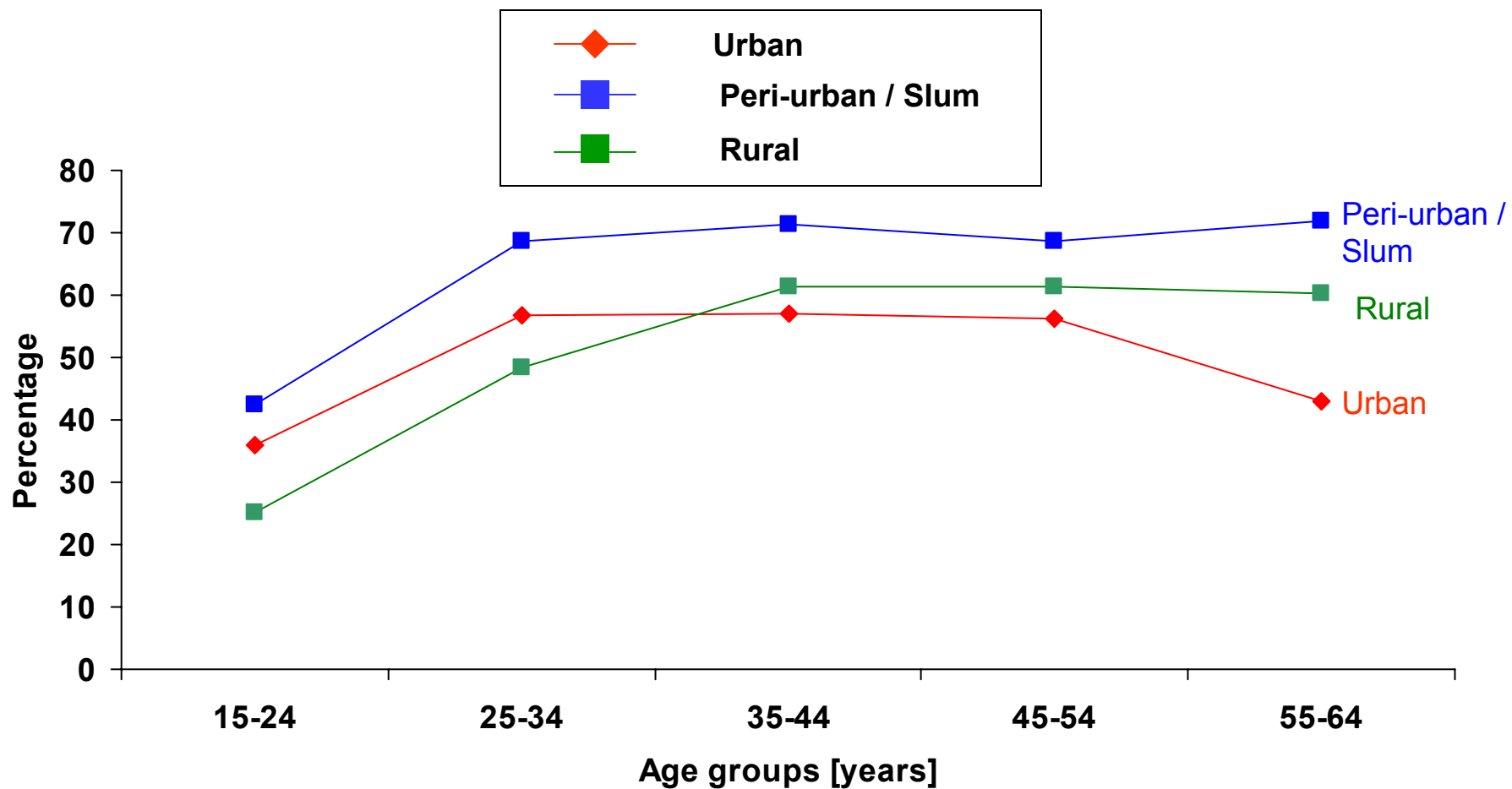
AGEWISE PREVALENCE OF SMOKELESS TOBACCO USERS - CURRENT USERS: Female



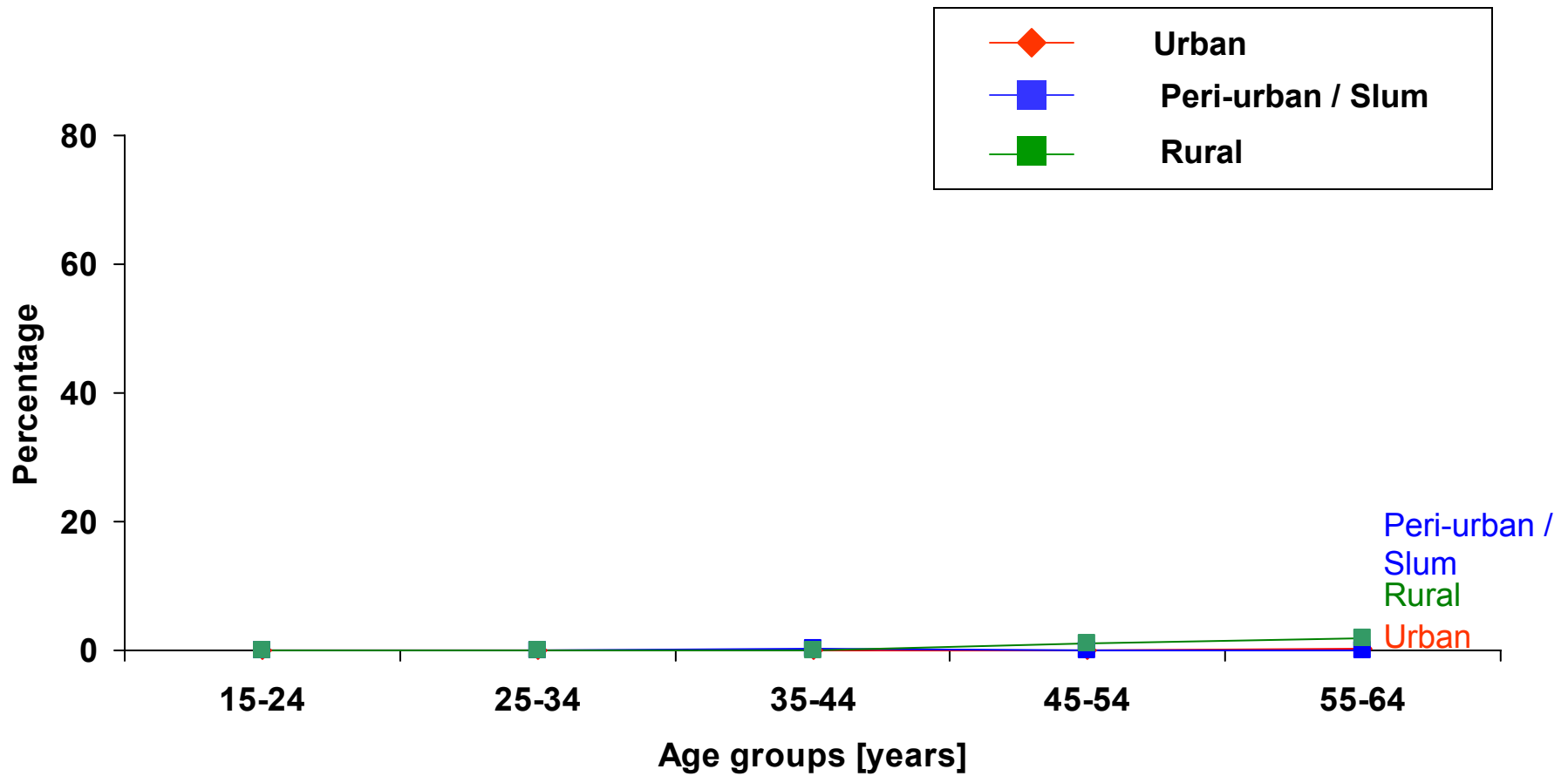
PROPORTION OF ALCOHOL CONSUMERS - CURRENT USERS: By residence and Gender



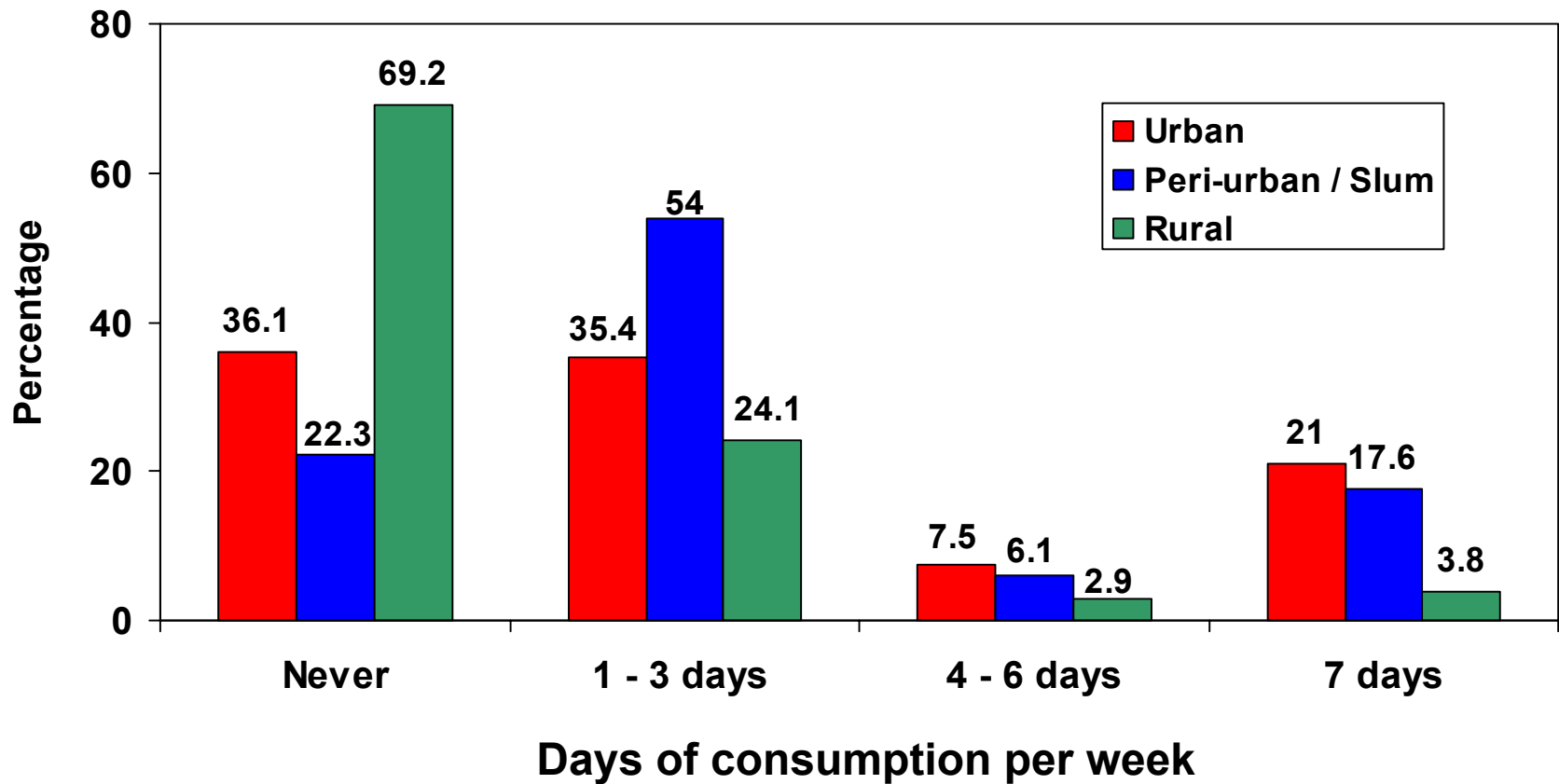
AGEWISE PREVALENCE OF ALCOHOL CONSUMERS - CURRENT USERS: Male



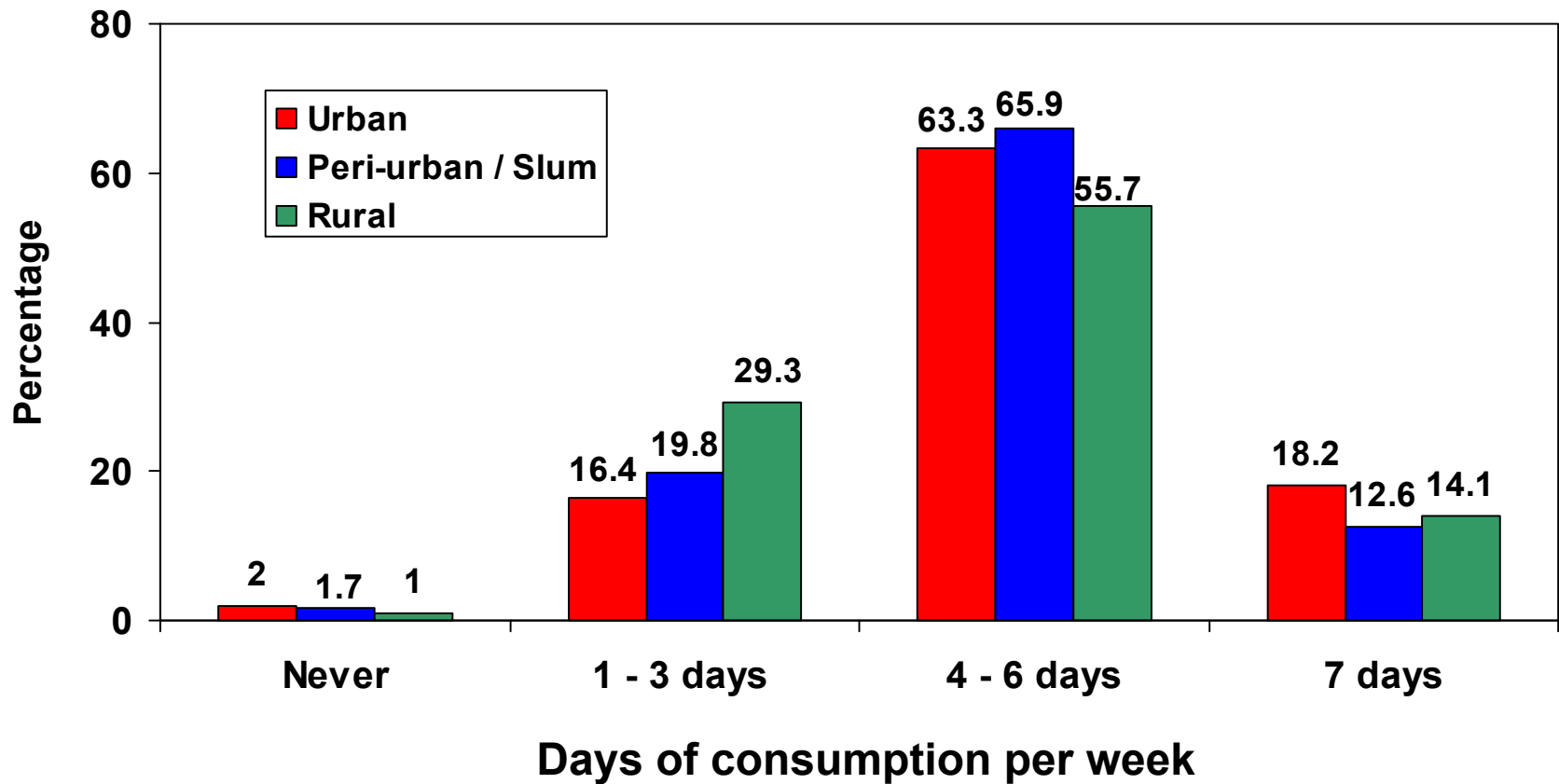
AGEWISE PREVALENCE OF ALCOHOL CONSUMERS - CURRENT USERS: Female



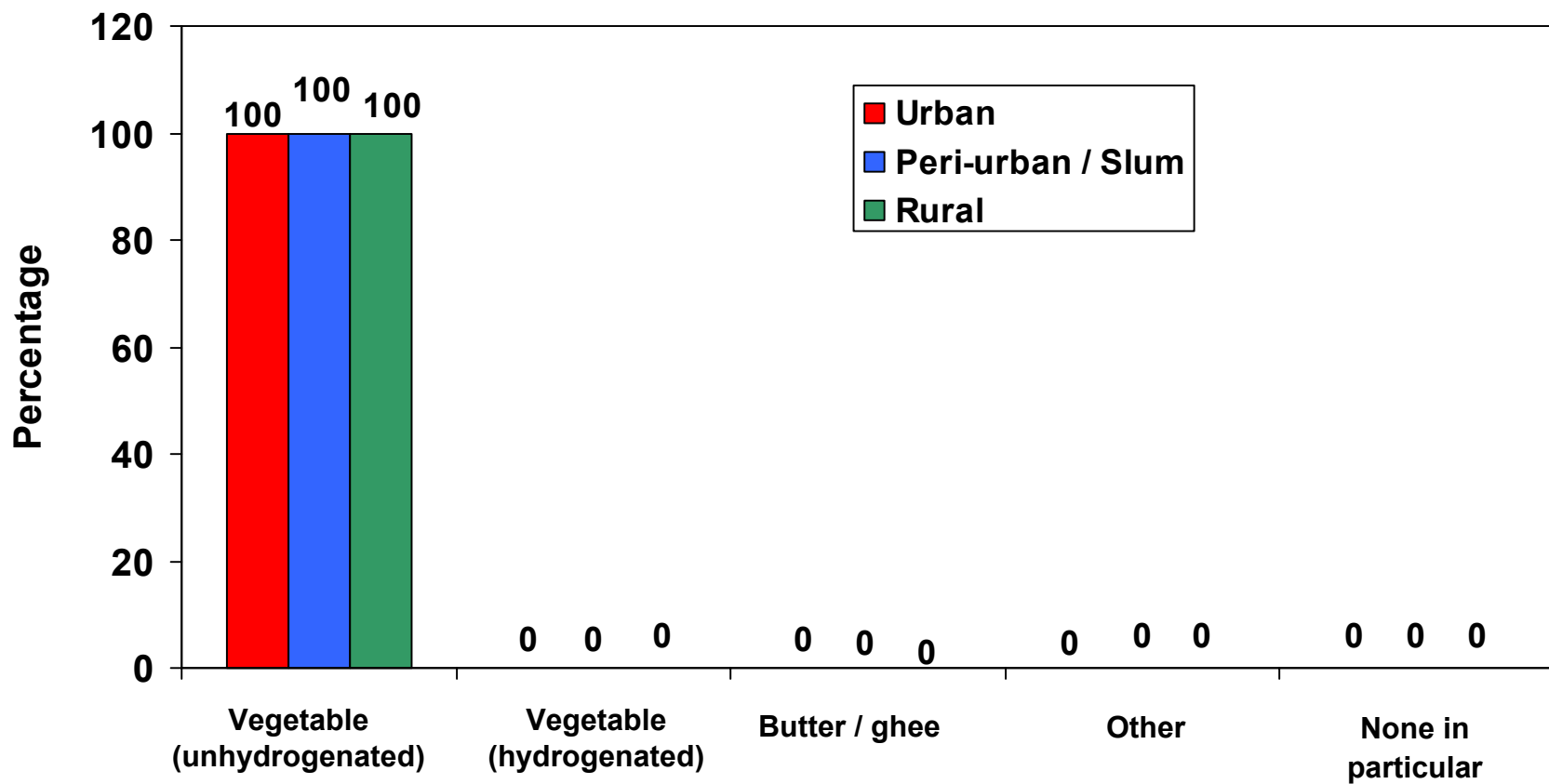
FRUIT CONSUMPTION PATTERN : By residence



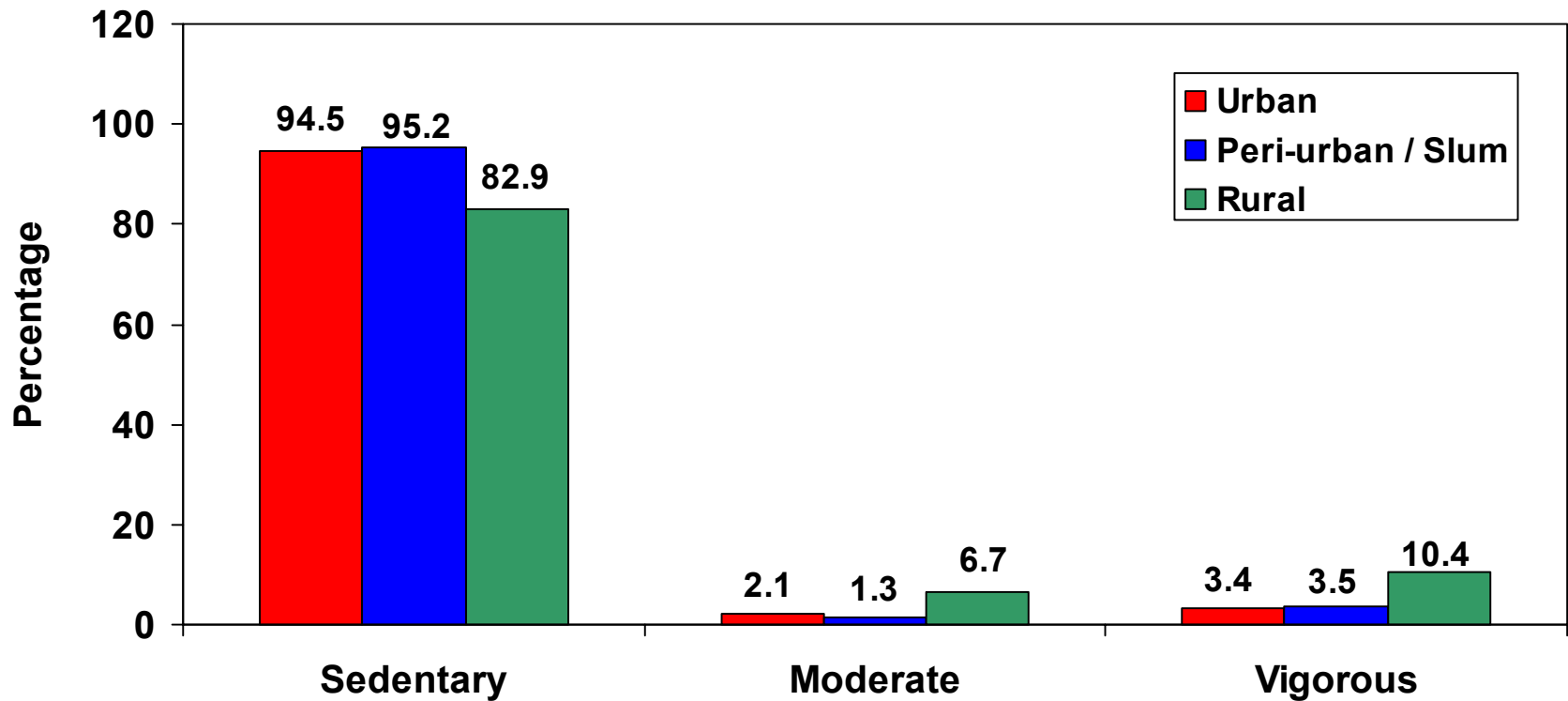
VEGETABLE CONSUMPTION PATTERN : By residence



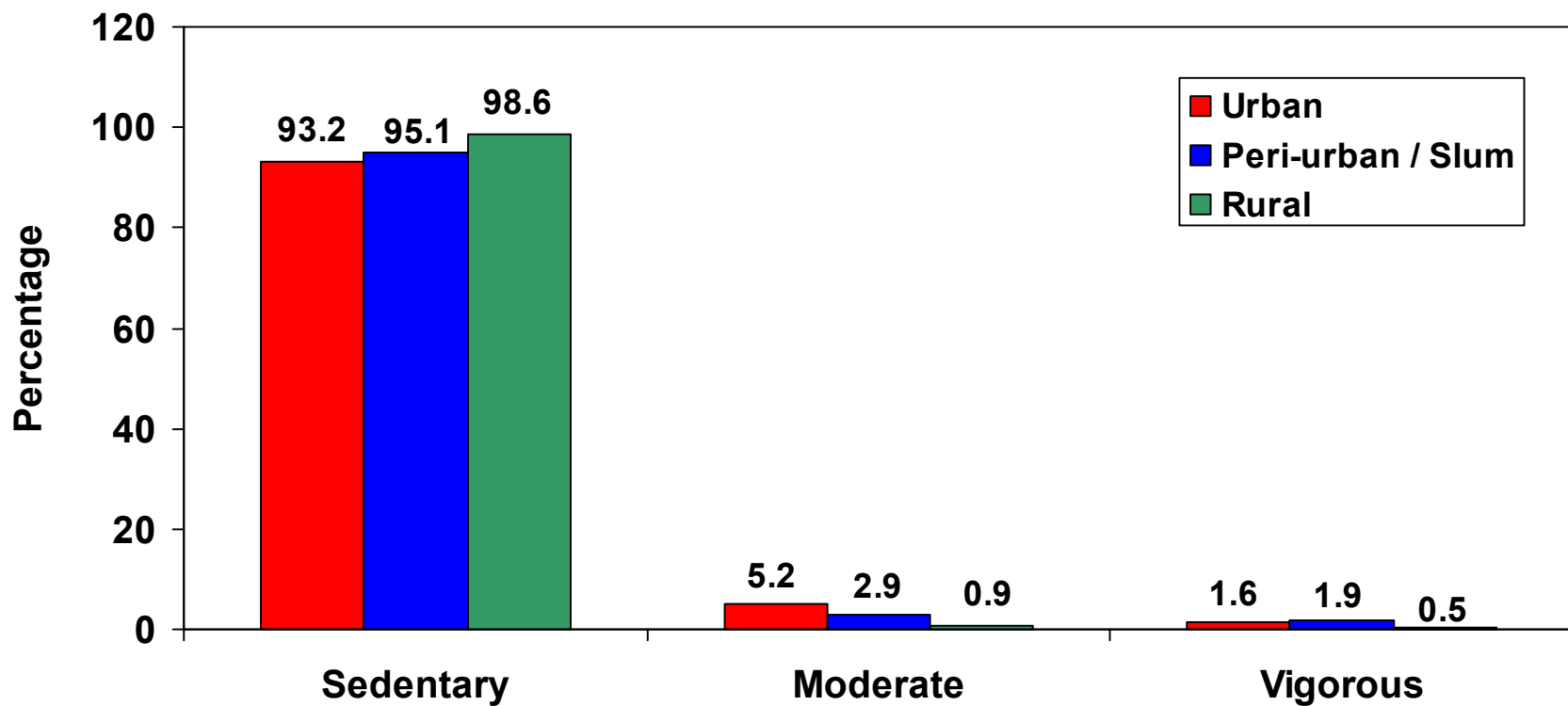
OIL CONSUMPTION PATTERN : By residence



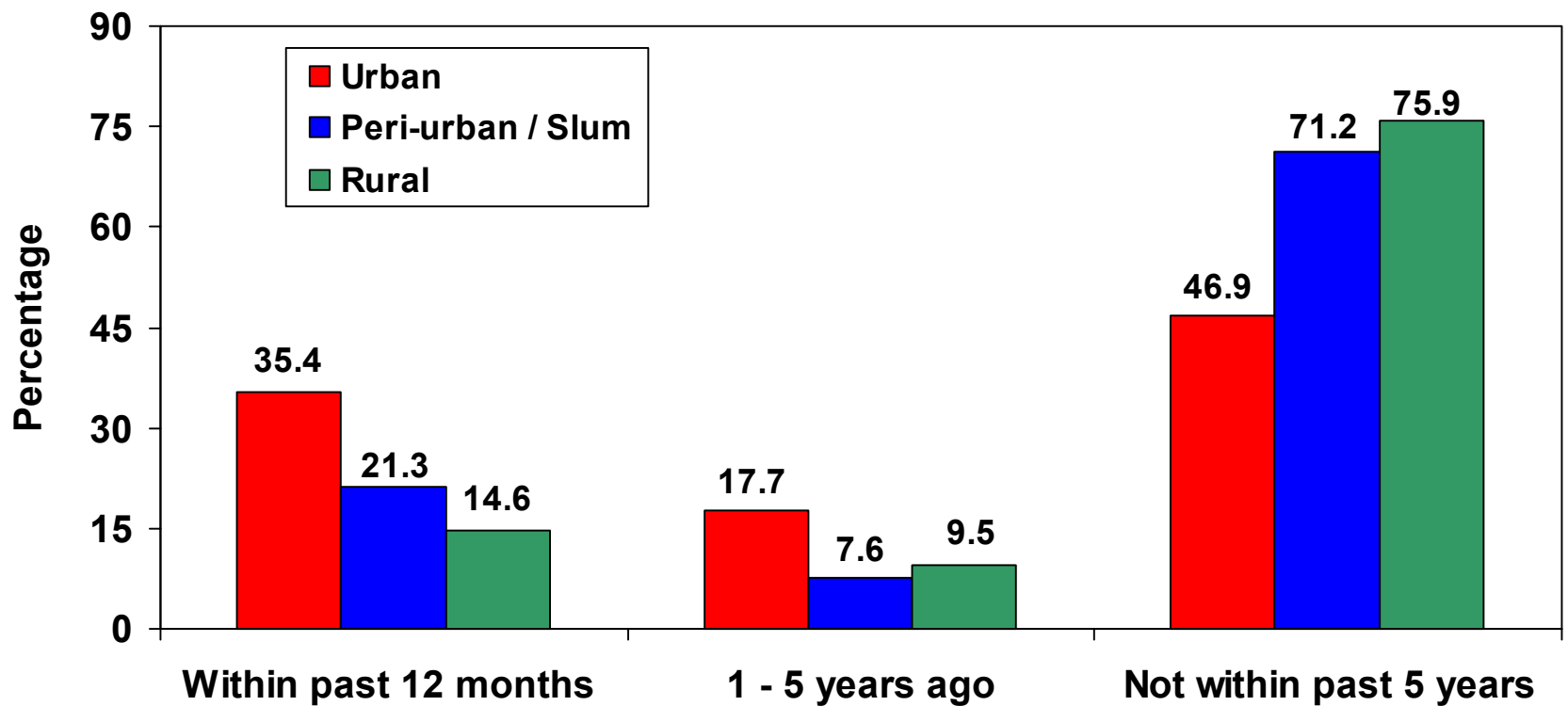
JOB RELATED PHYSICAL ACTIVITY : By residence



LEISURE TIME PHYSICAL ACTIVITY : By residence



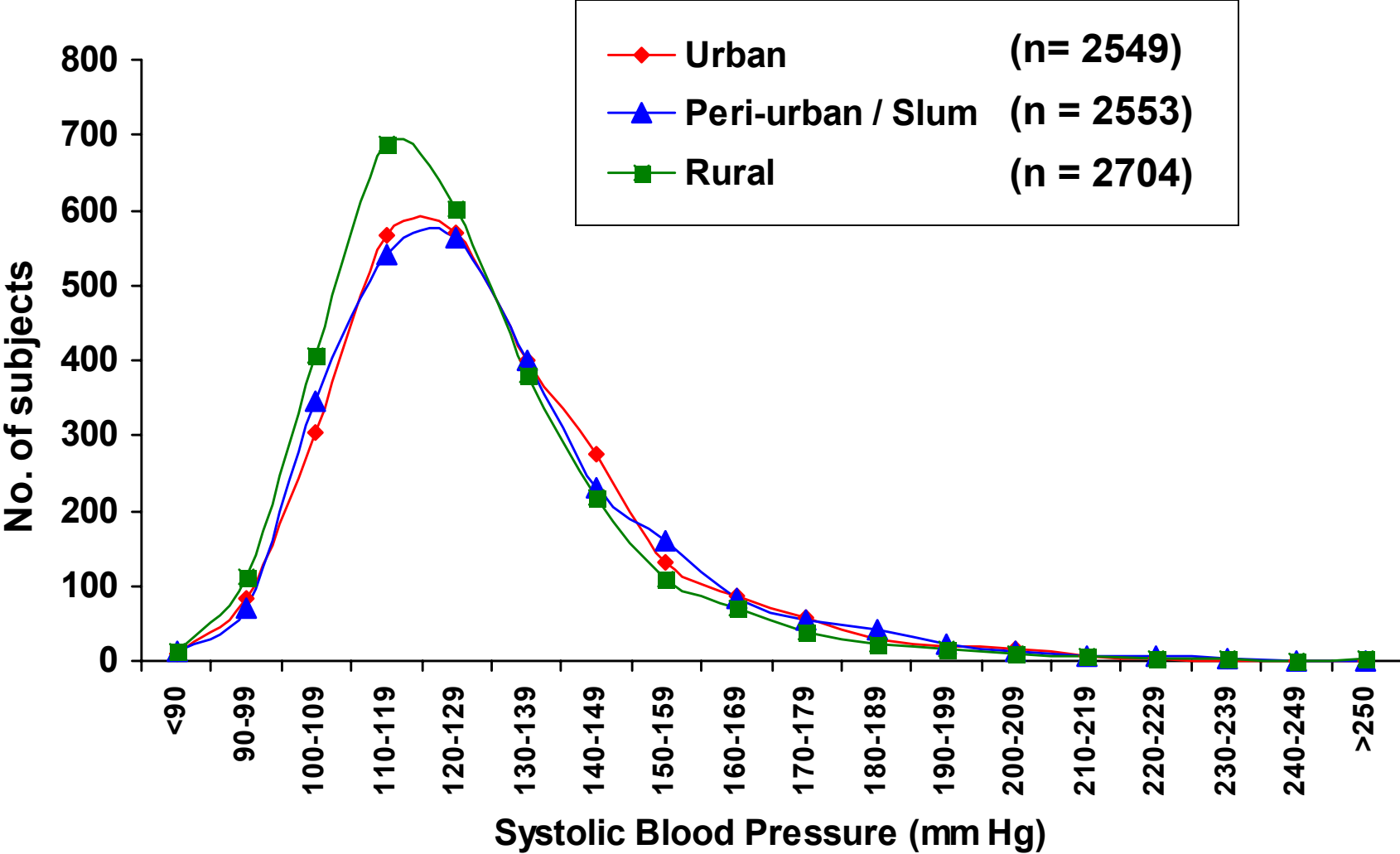
HISTORY OF MEASUREMENT OF BLOOD PRESSURE : By residence



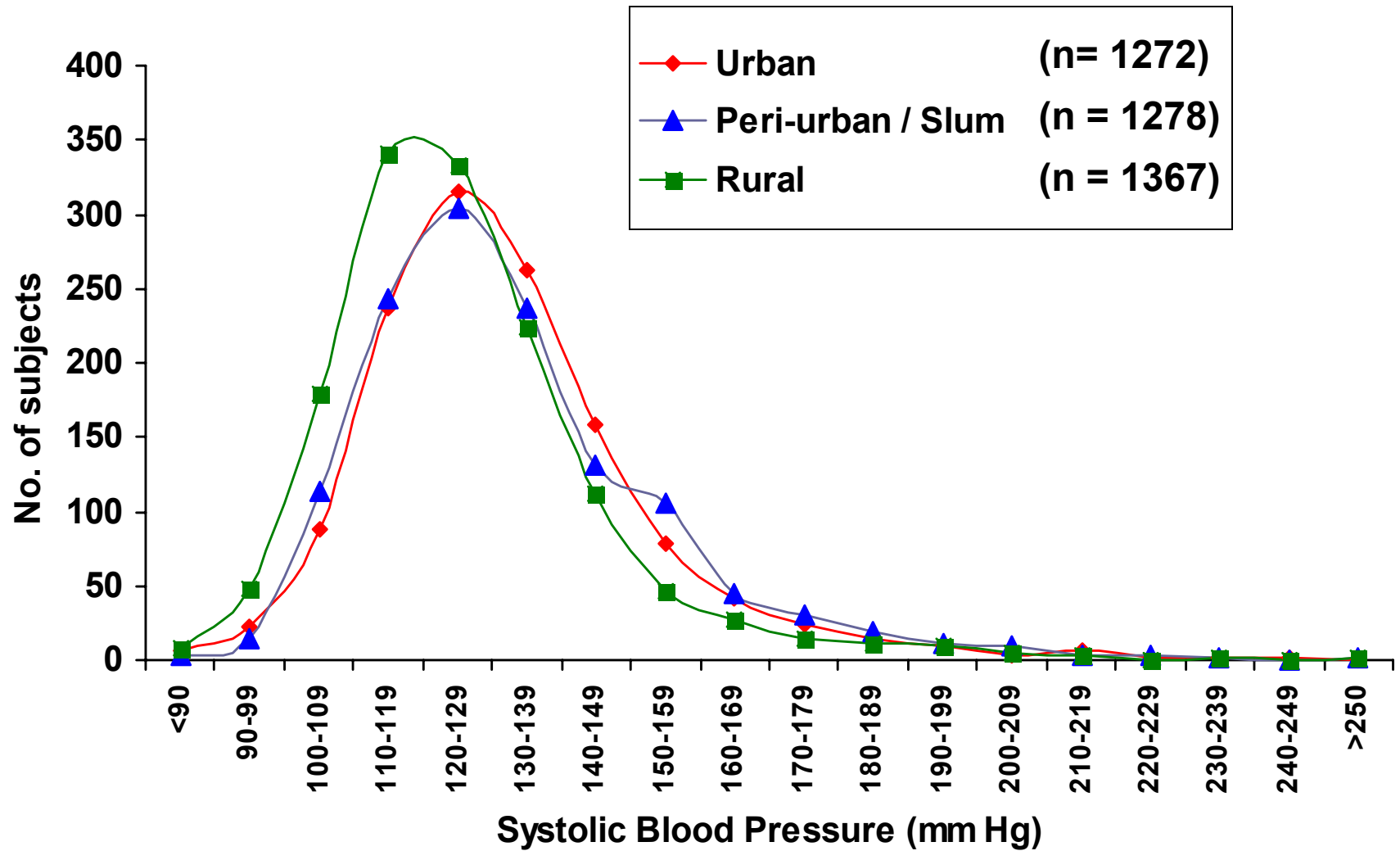
Mean values of Blood pressure : By residence

	Urban	Peri-urban / Slum	Rural
Systolic blood pressure	129 ± 21	129 ± 22	125 ± 21
Diastolic blood pressure	79 ± 12	78 ± 12	77 ± 11

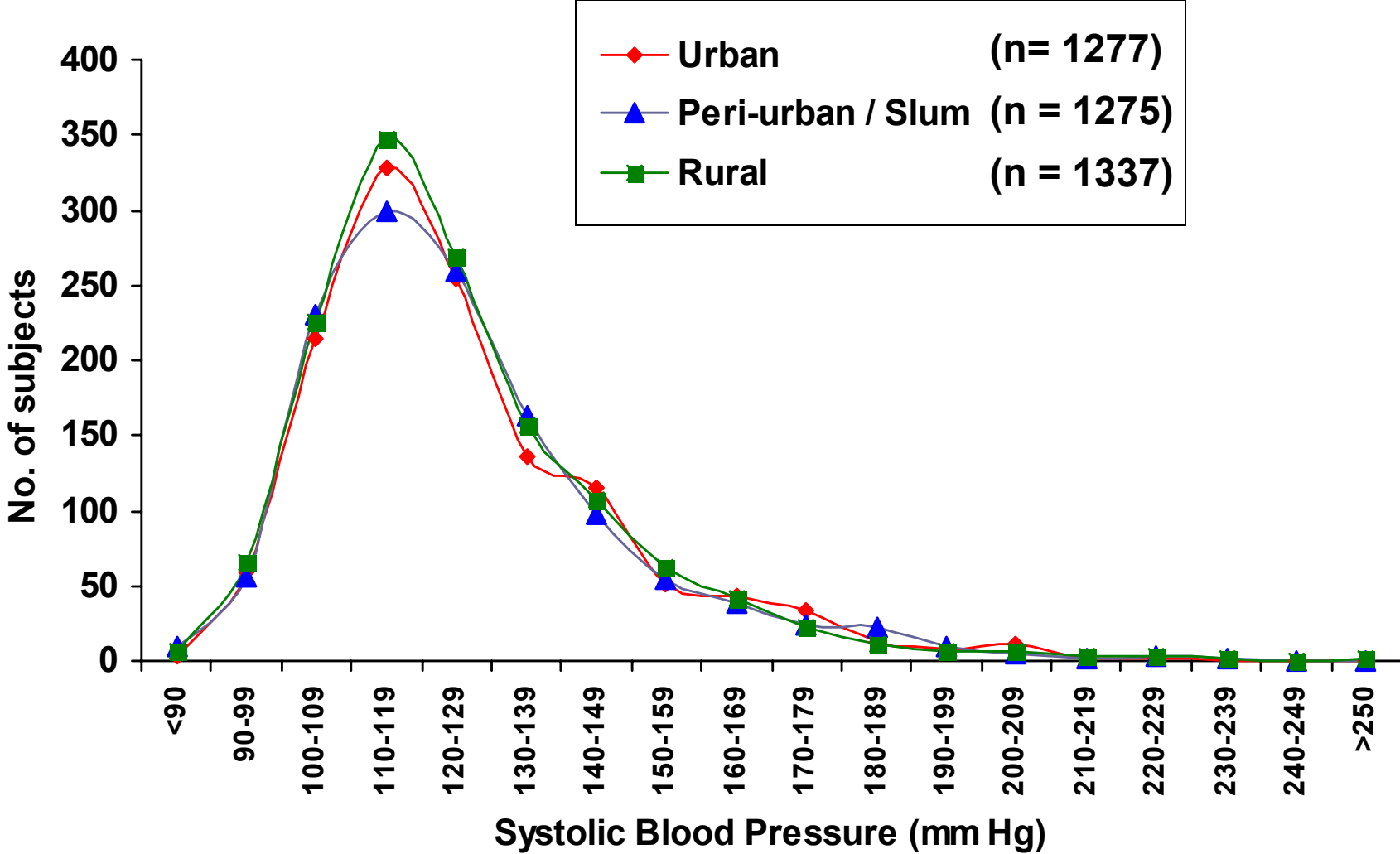
DISTRIBUTION OF SYSTOLIC BLOOD PRESSURE : By residence



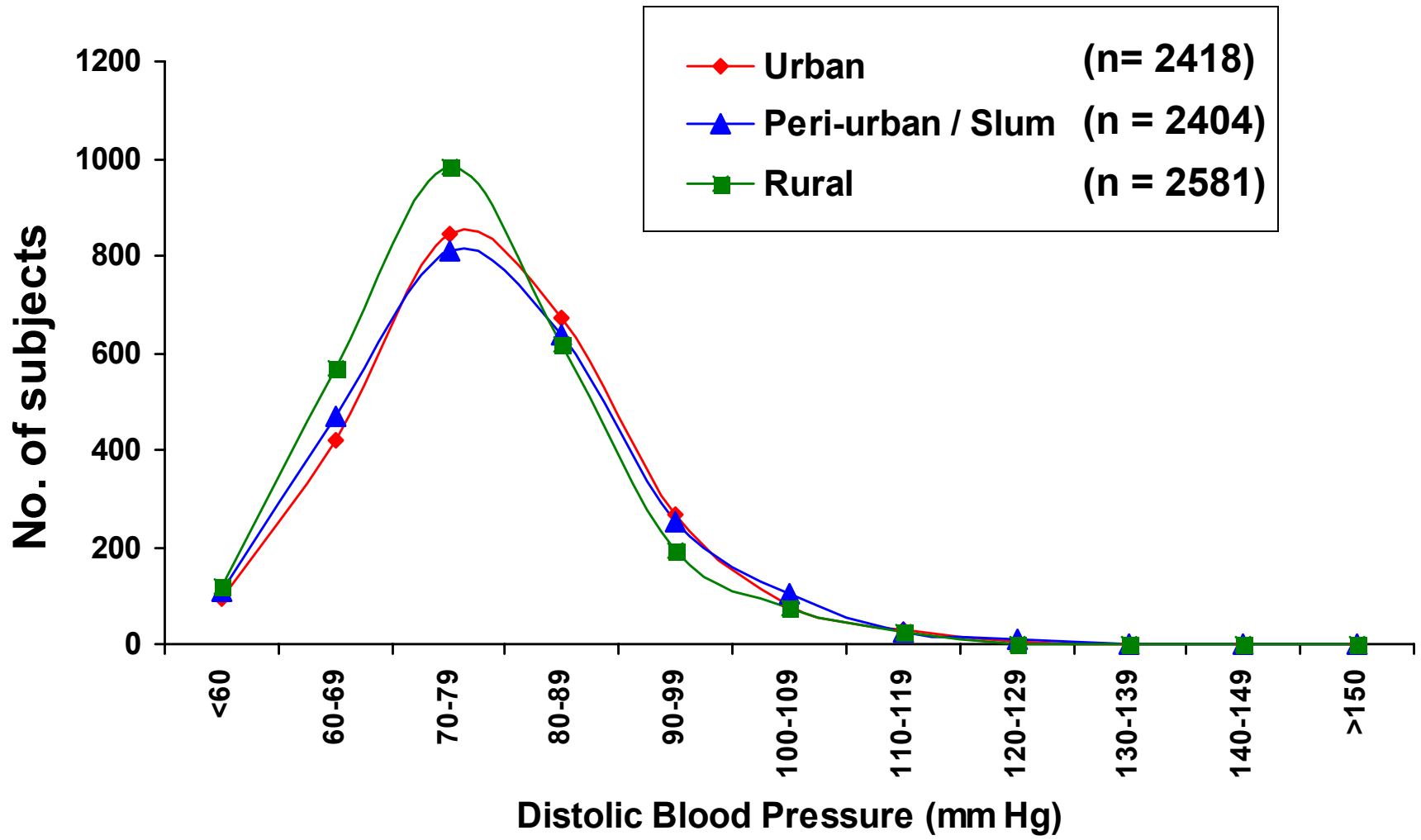
DISTRIBUTION OF SYSTOLIC BLOOD PRESSURE : Male



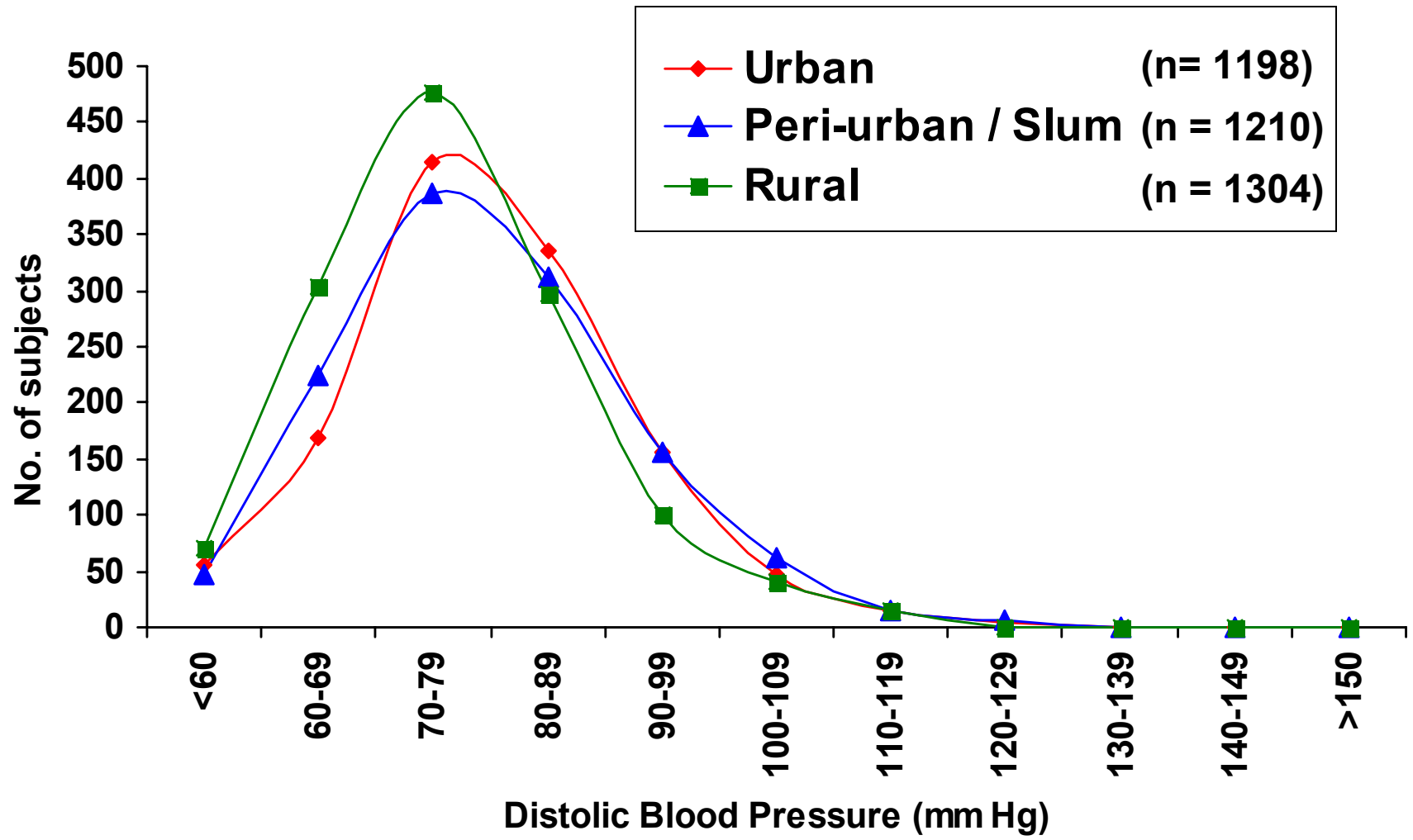
DISTRIBUTION OF SYSTOLIC BLOOD PRESSURE : Female



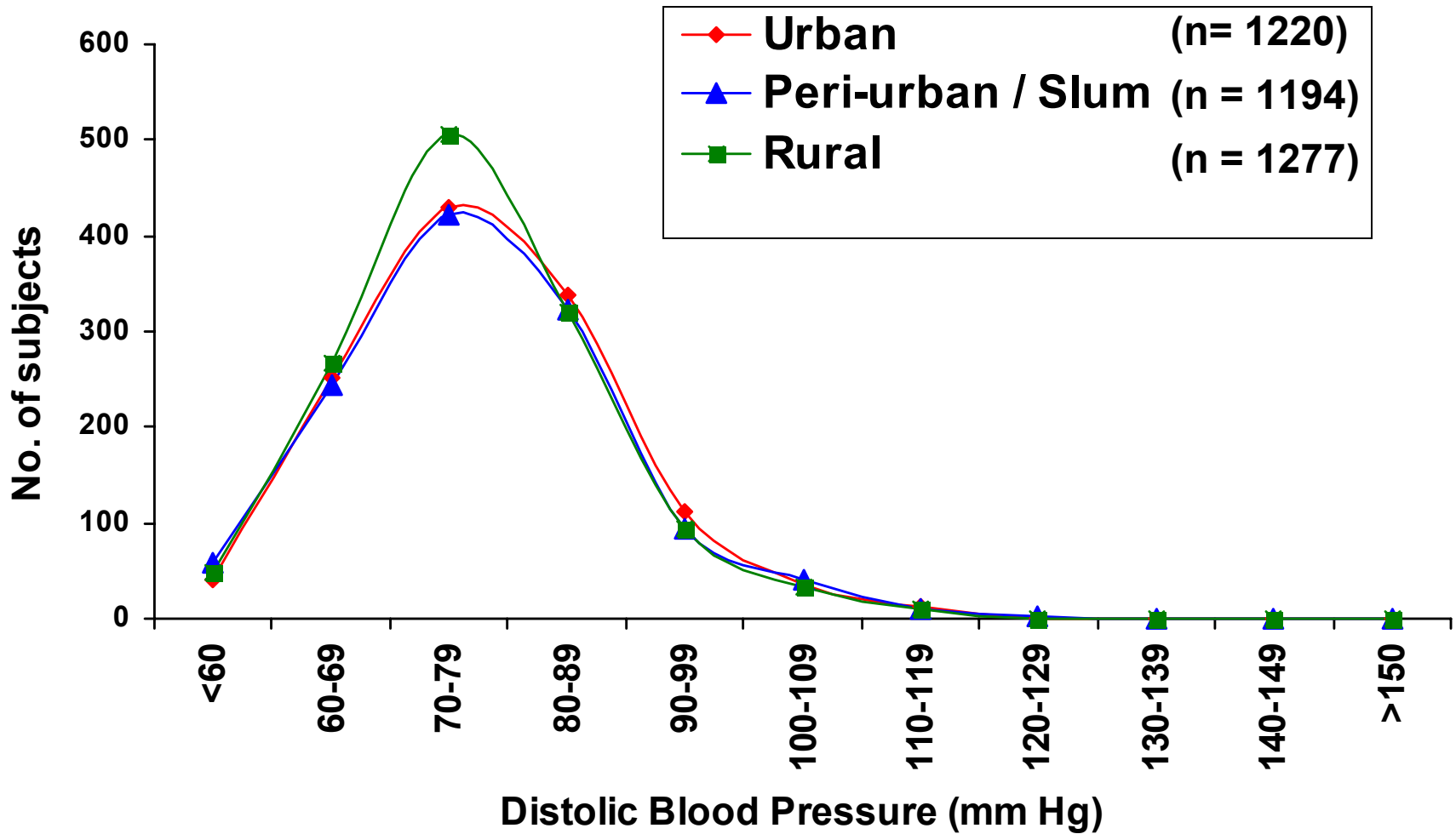
DISTRIBUTION OF DIASTOLIC BLOOD PRESSURE : By residence



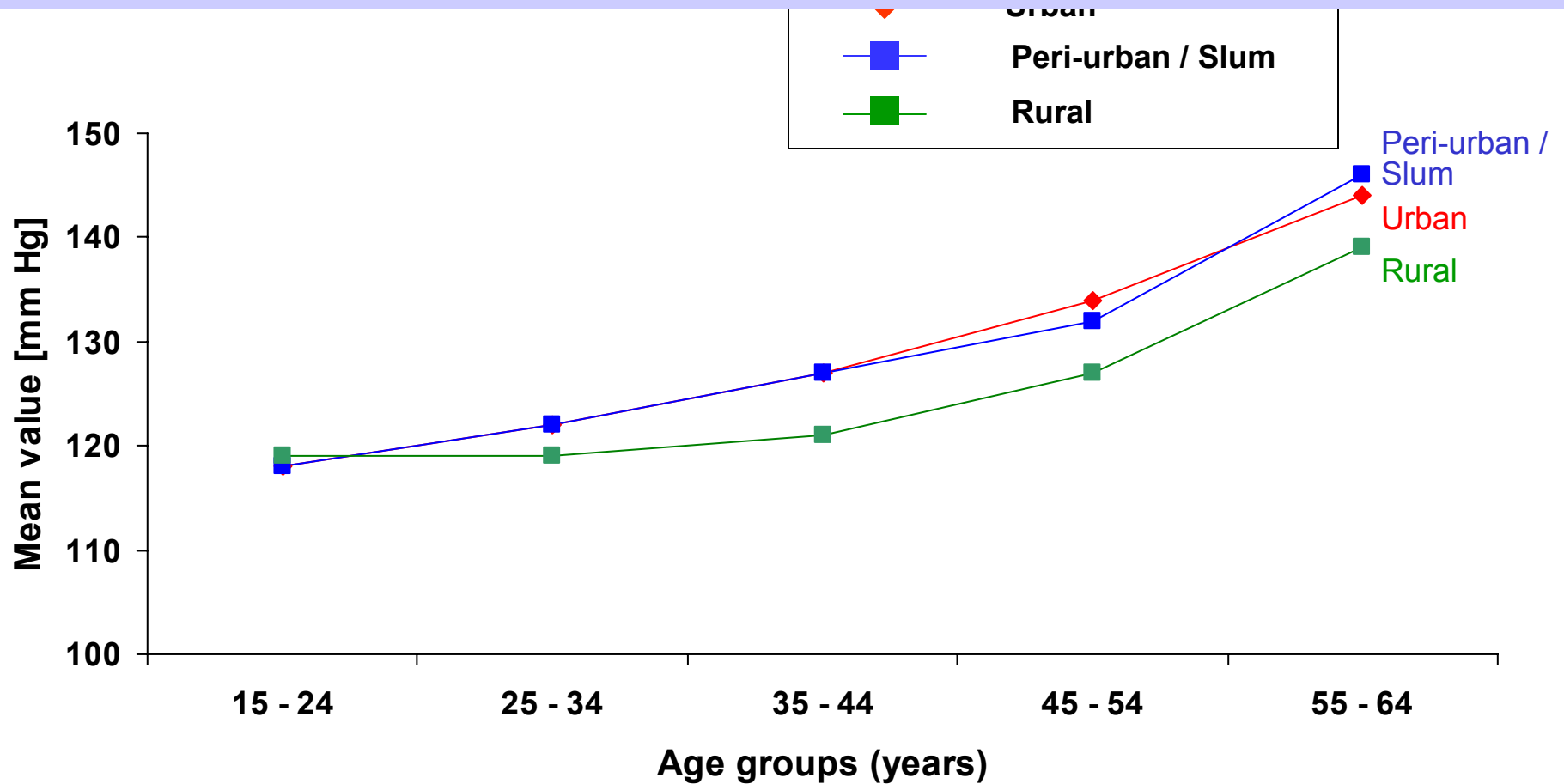
DISTRIBUTION OF DIASTOLIC BLOOD PRESSURE : Male



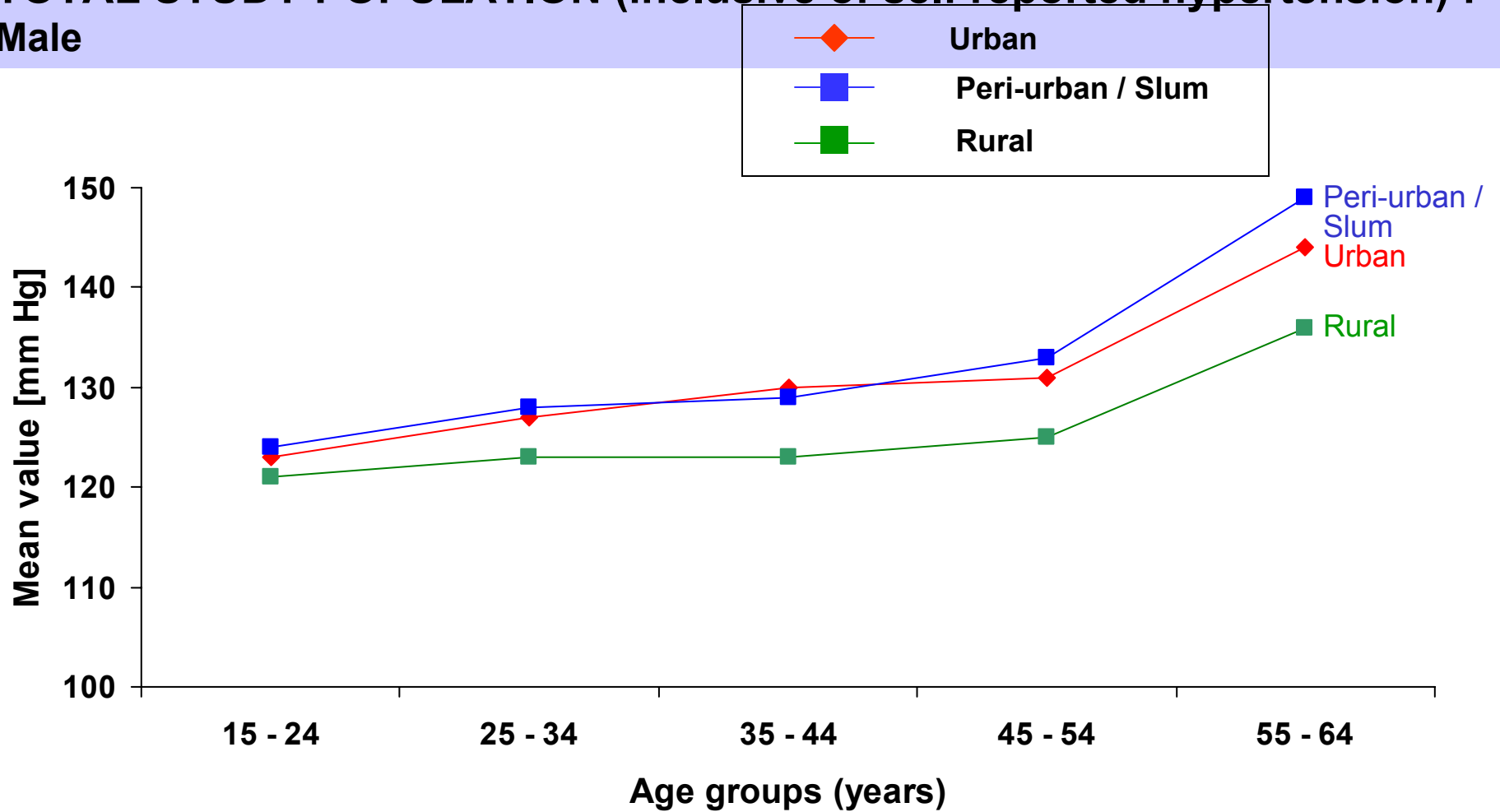
DISTRIBUTION OF DIASTOLIC BLOOD PRESSURE : Female



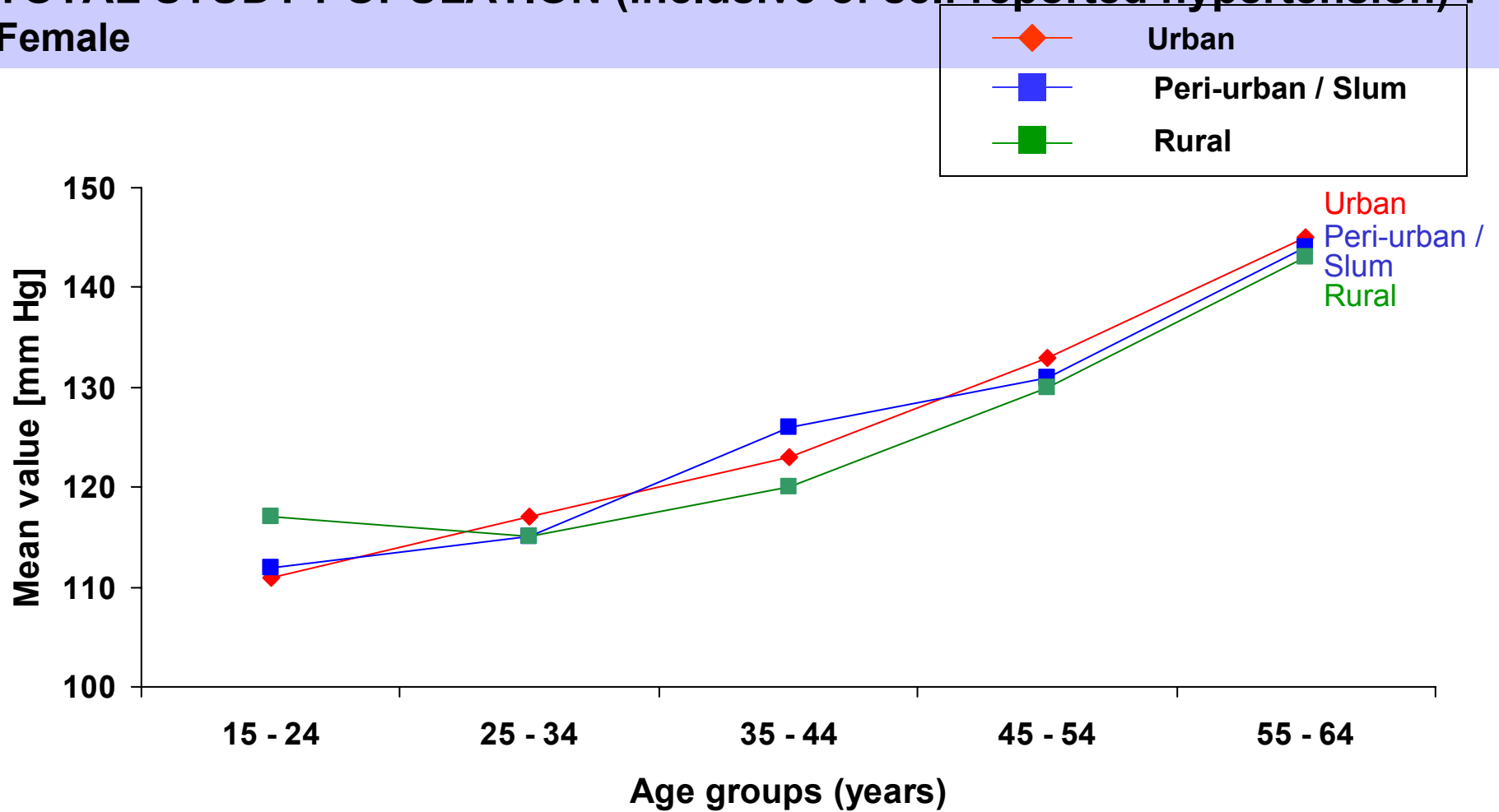
AGEWISE MEAN VALUES OF SYSTOLIC BLOOD PRESSURE IN THE TOTAL STUDY POPULATION (inclusive of self reported hypertension) : By residence



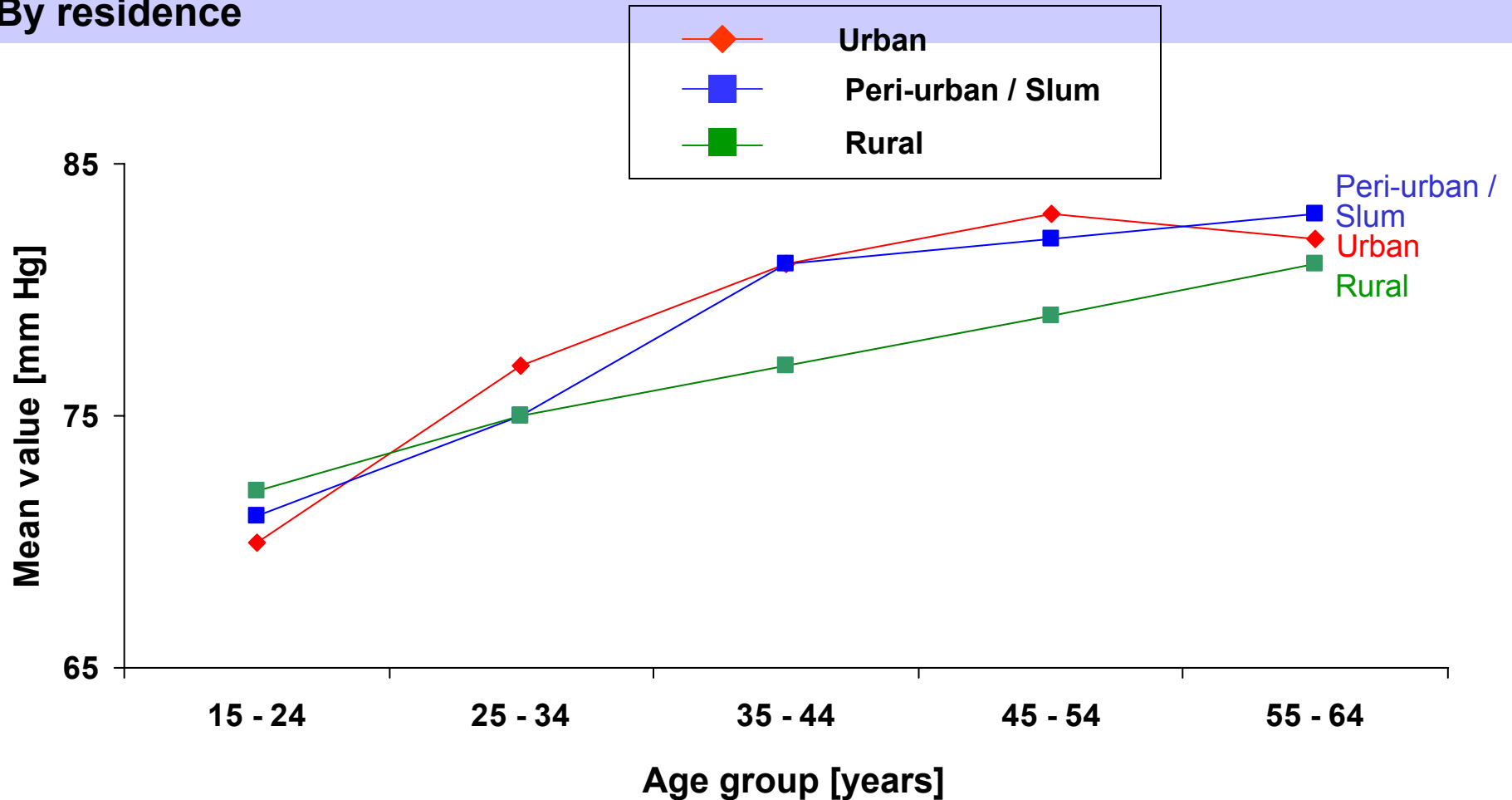
AGEWISE MEAN VALUES OF SYSTOLIC BLOOD PRESSURE IN THE TOTAL STUDY POPULATION (inclusive of self reported hypertension) : Male



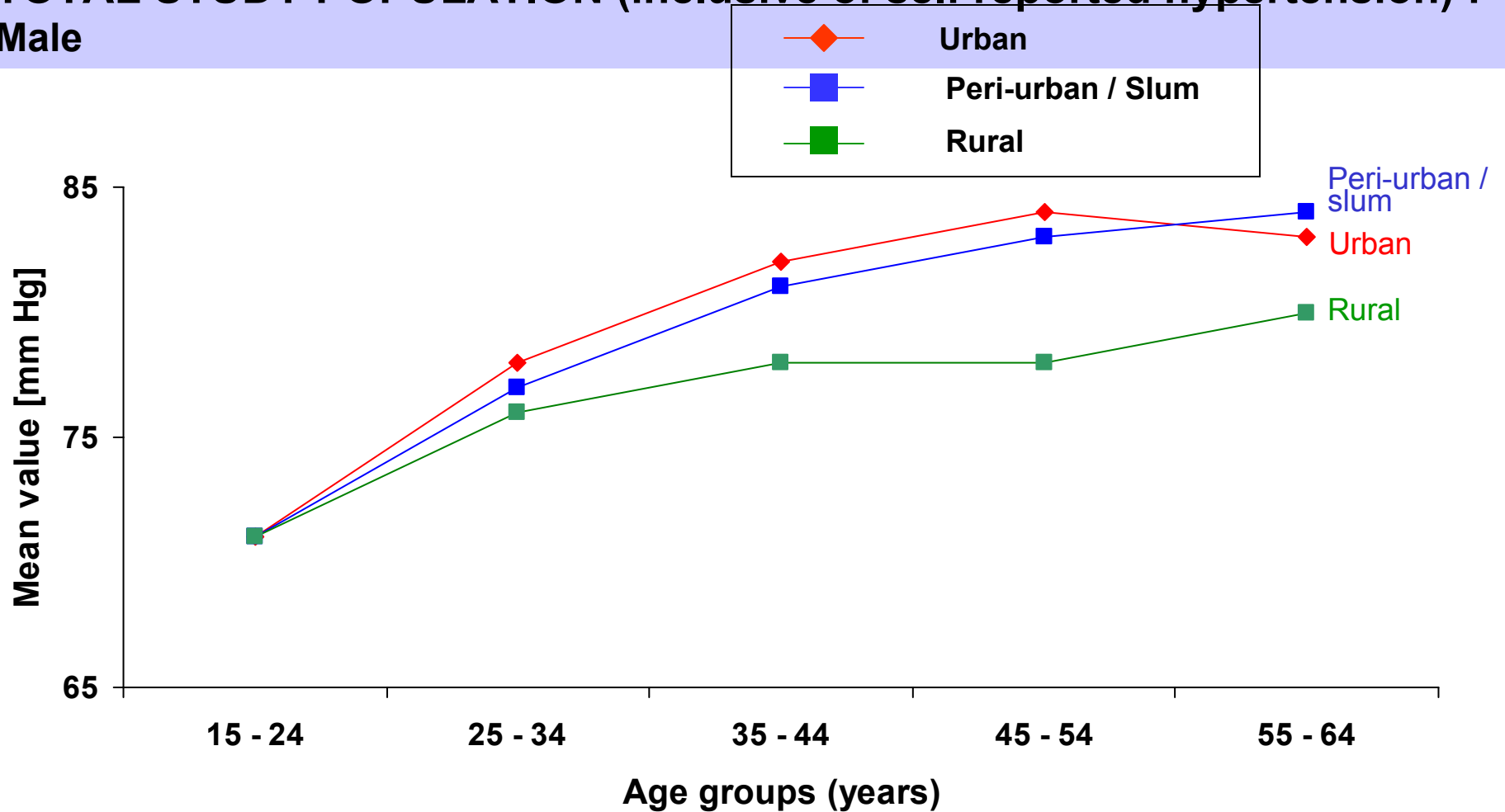
AGEWISE MEAN VALUES OF SYSTOLIC BLOOD PRESSURE IN THE TOTAL STUDY POPULATION (inclusive of self reported hypertension) : Female



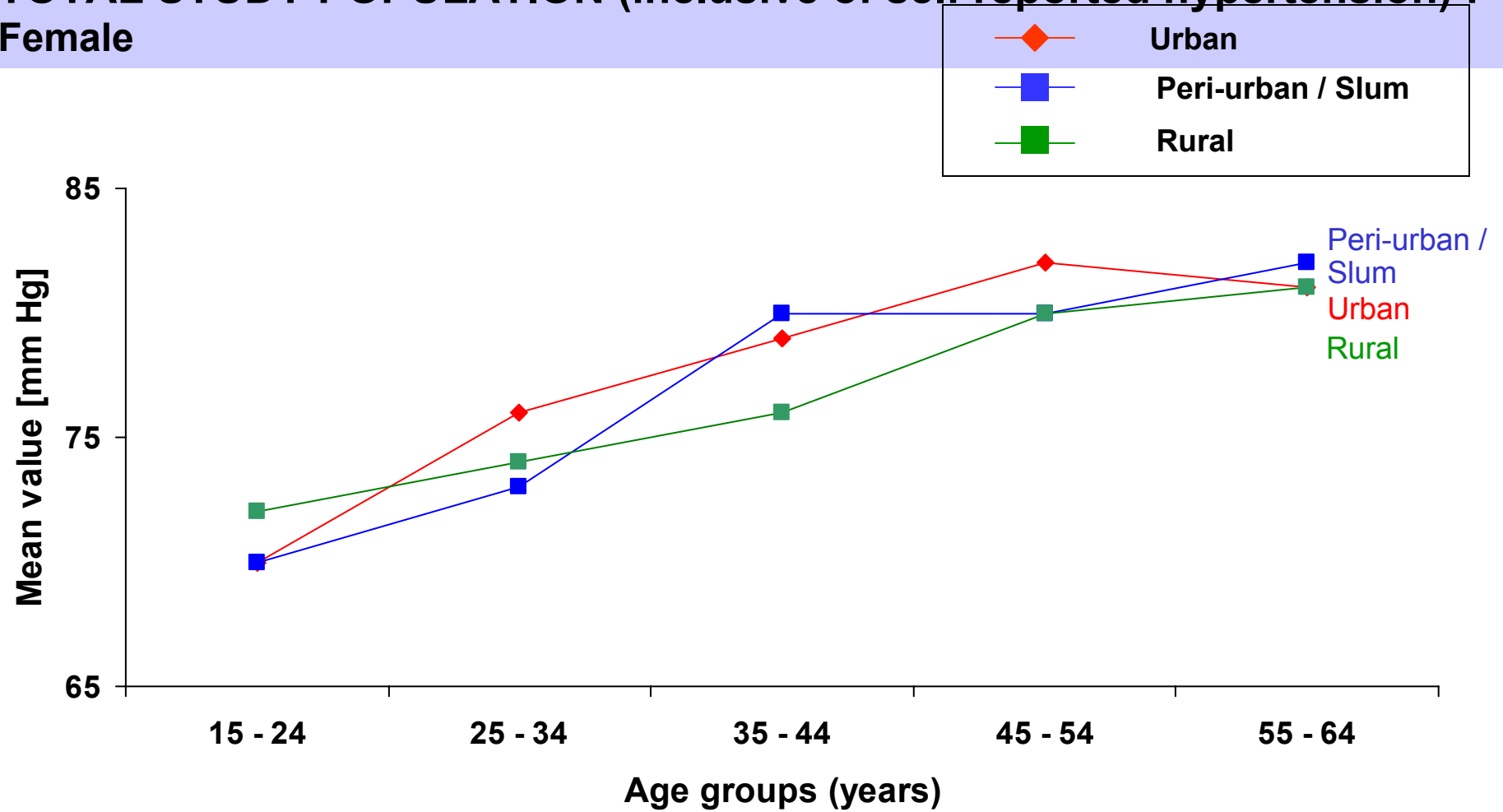
AGEWISE MEAN VALUES OF DIASTOLIC BLOOD PRESSURE IN THE TOTAL STUDY POPULATION (inclusive of self reported hypertension) : By residence



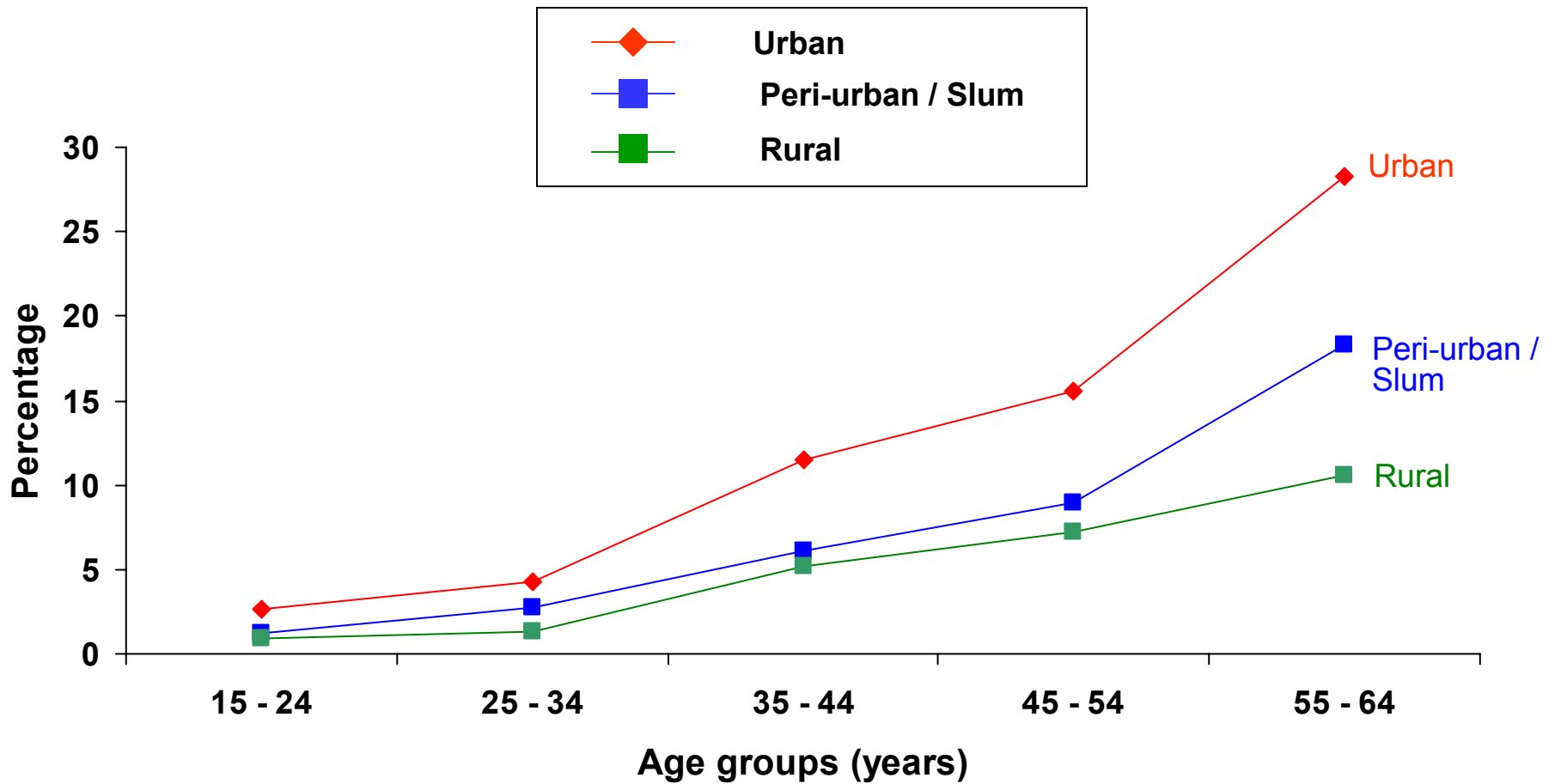
AGEWISE MEAN VALUES OF DIASTOLIC BLOOD PRESSURE IN THE TOTAL STUDY POPULATION (inclusive of self reported hypertension) : Male



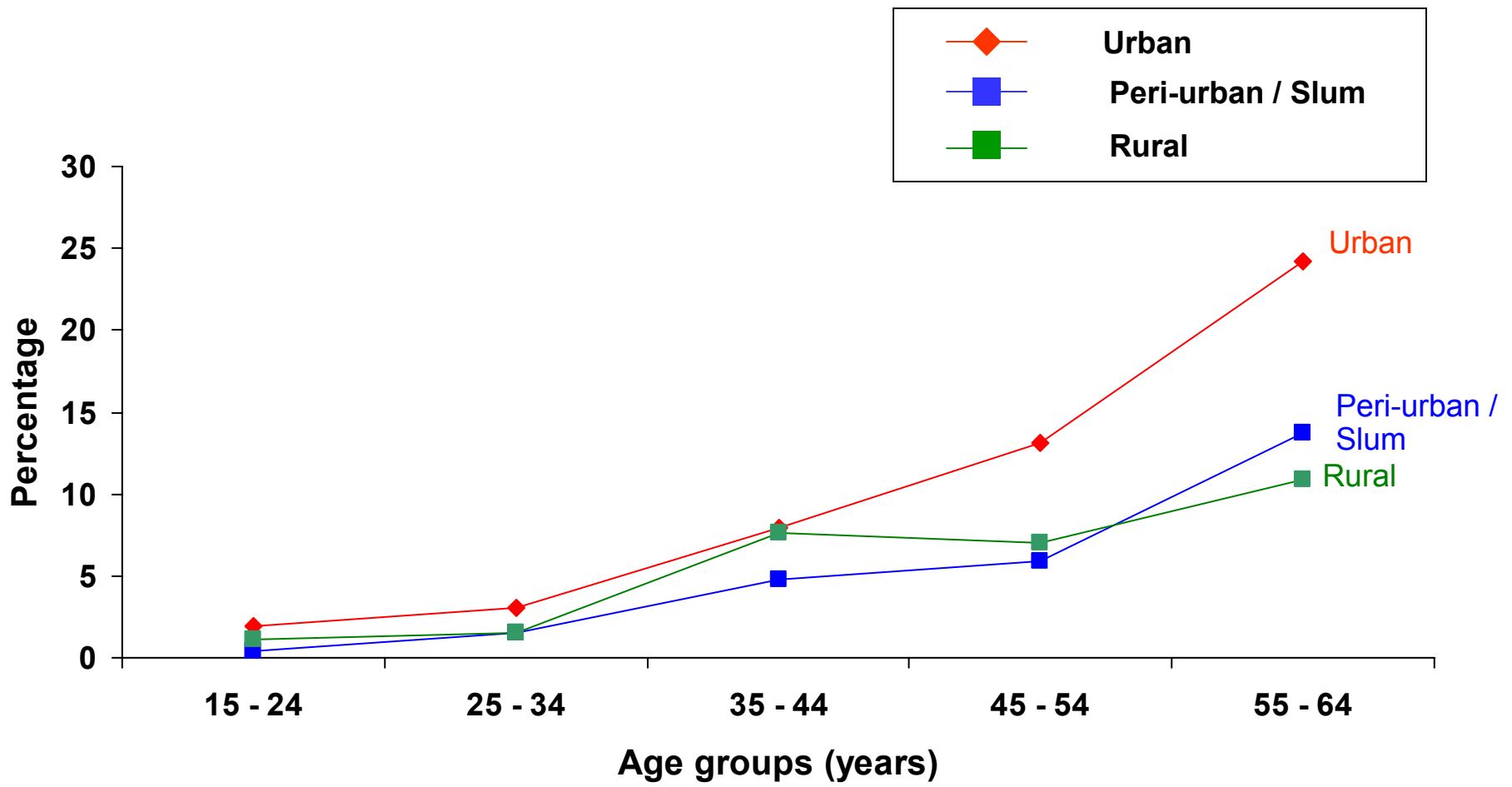
AGEWISE MEAN VALUES OF DIASTOLIC BLOOD PRESSURE IN THE TOTAL STUDY POPULATION (inclusive of self reported hypertension) : Female



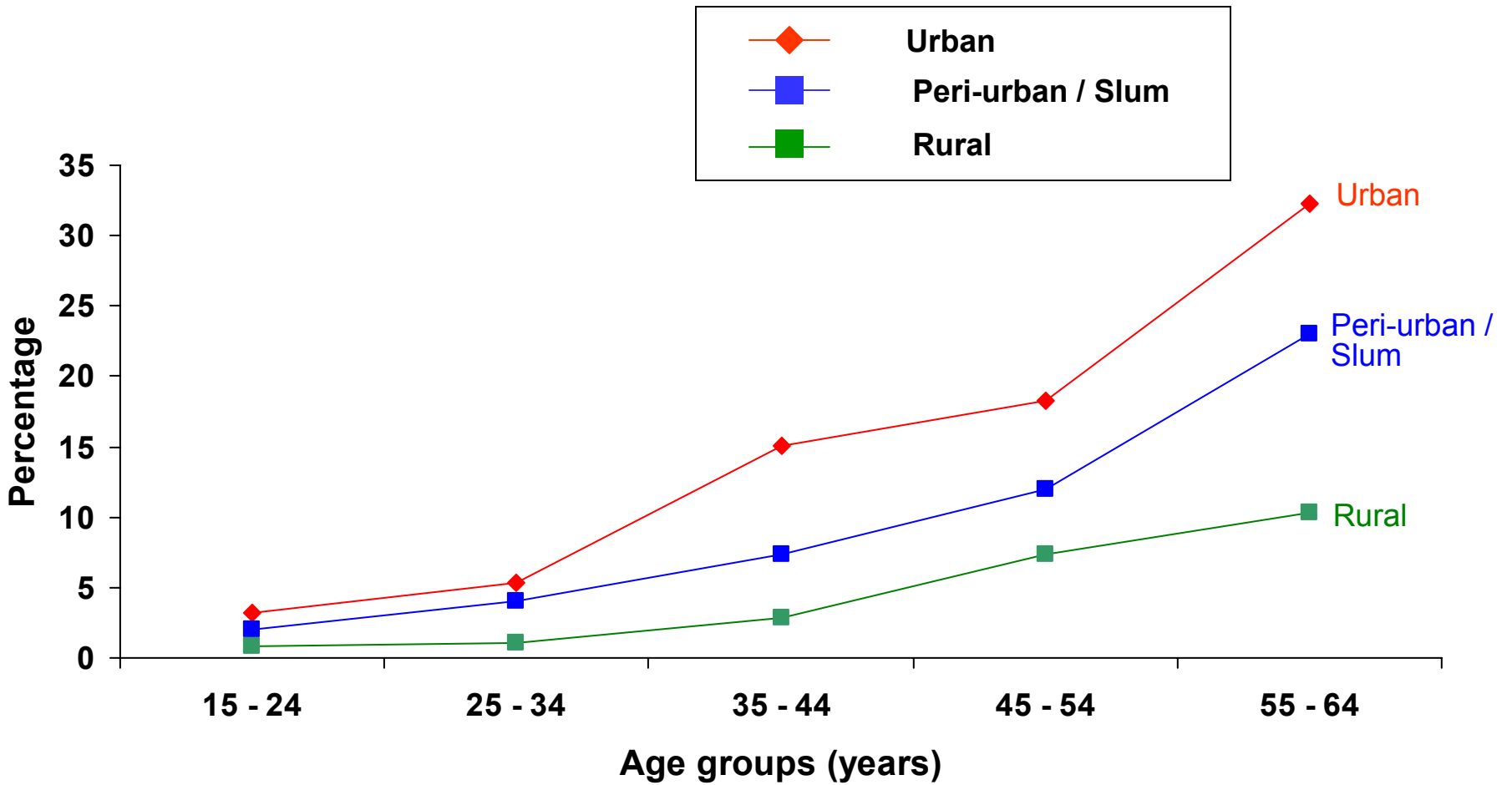
AGEWISE PREVALENCE RATES OF HYPERTENSION [SELF REPORTED]: By residence



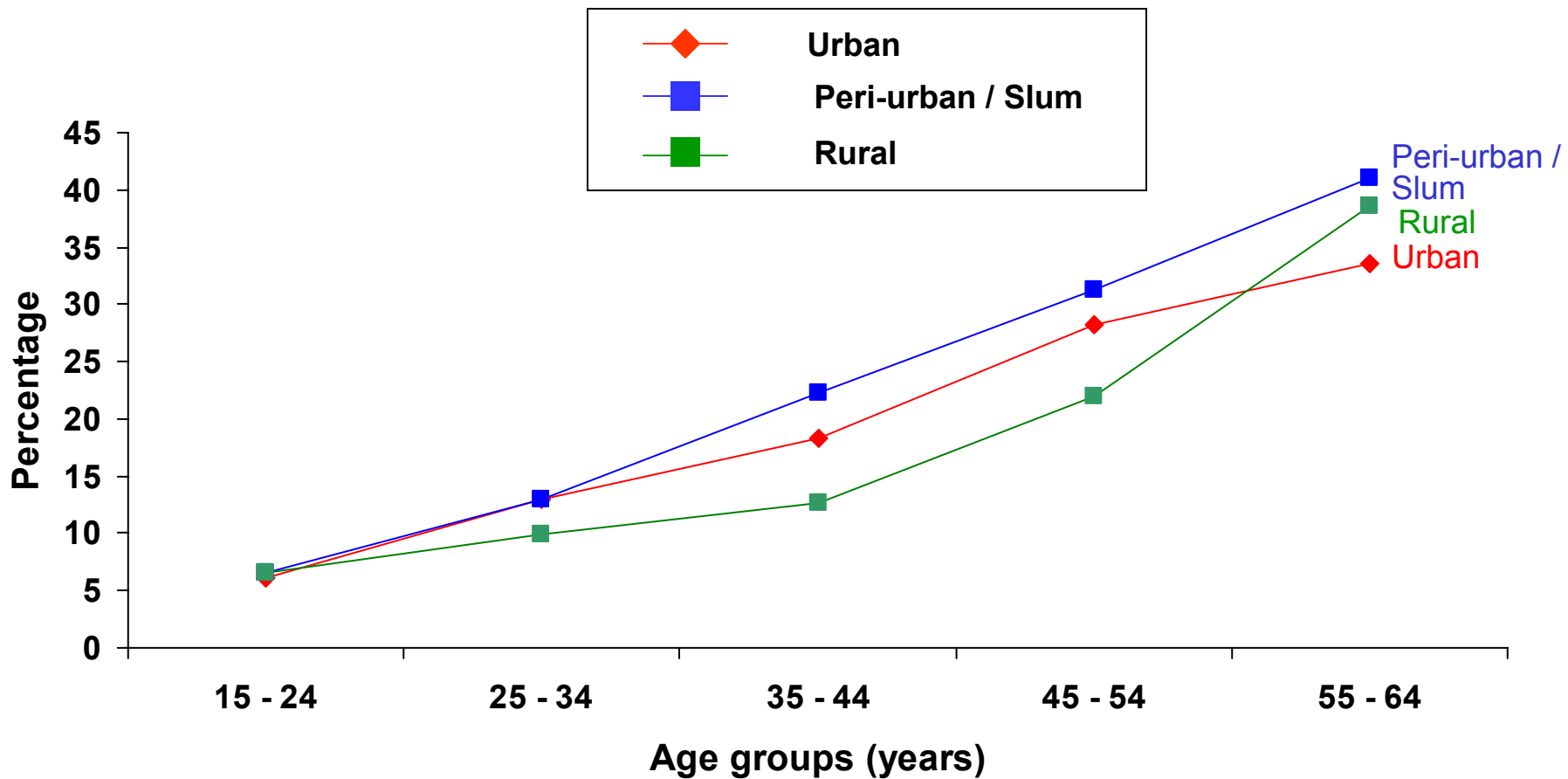
AGEWISE PREVALENCE RATES OF HYPERTENSION[SELF REPORTED]: Male



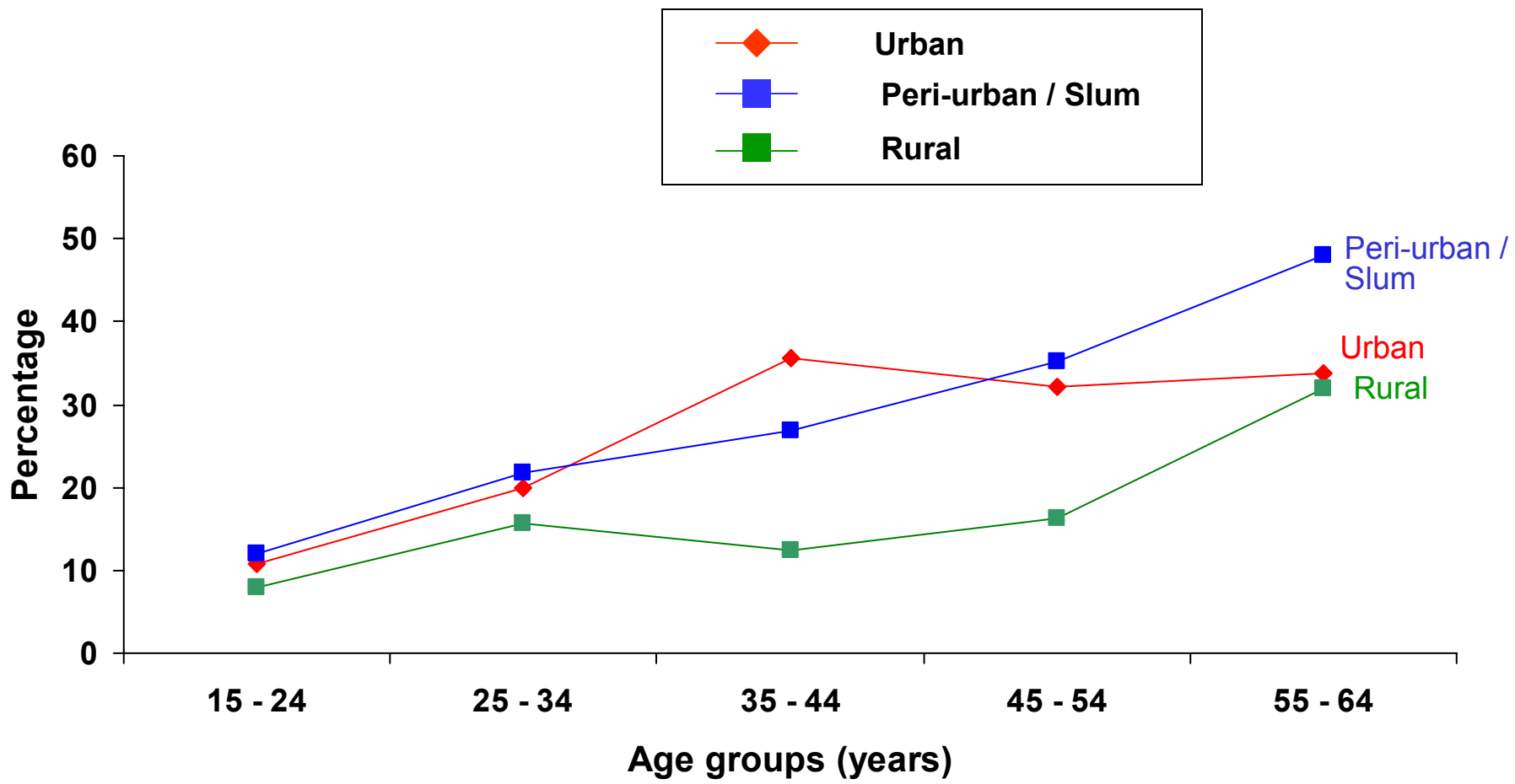
AGEWISE PREVALENCE RATES OF HYPERTENSION[SELF REPORTED] : Female



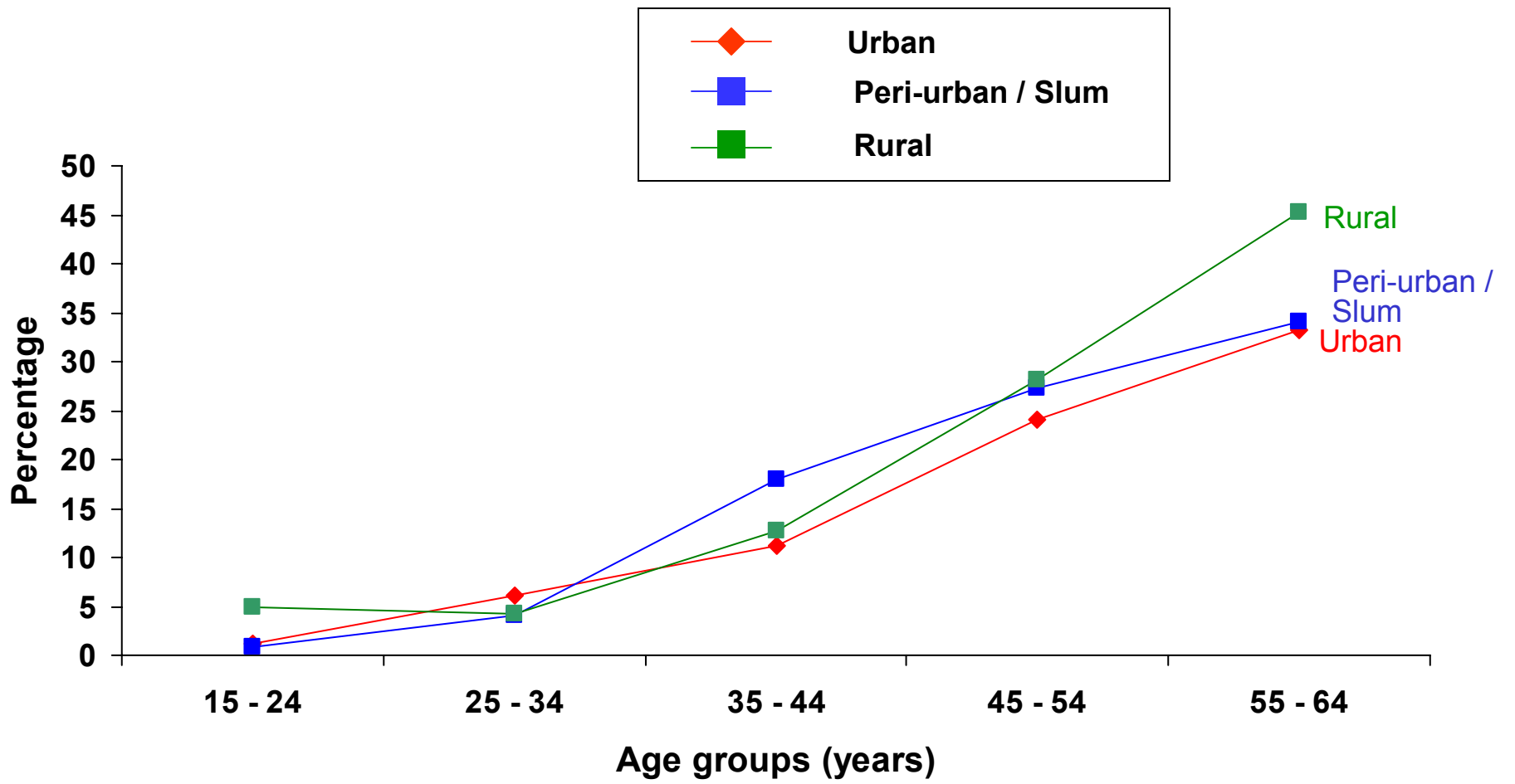
AGEWISE PREVALENCE RATES OF HYPERTENSION [DETECTED DURING EXAMINATION] : By residence



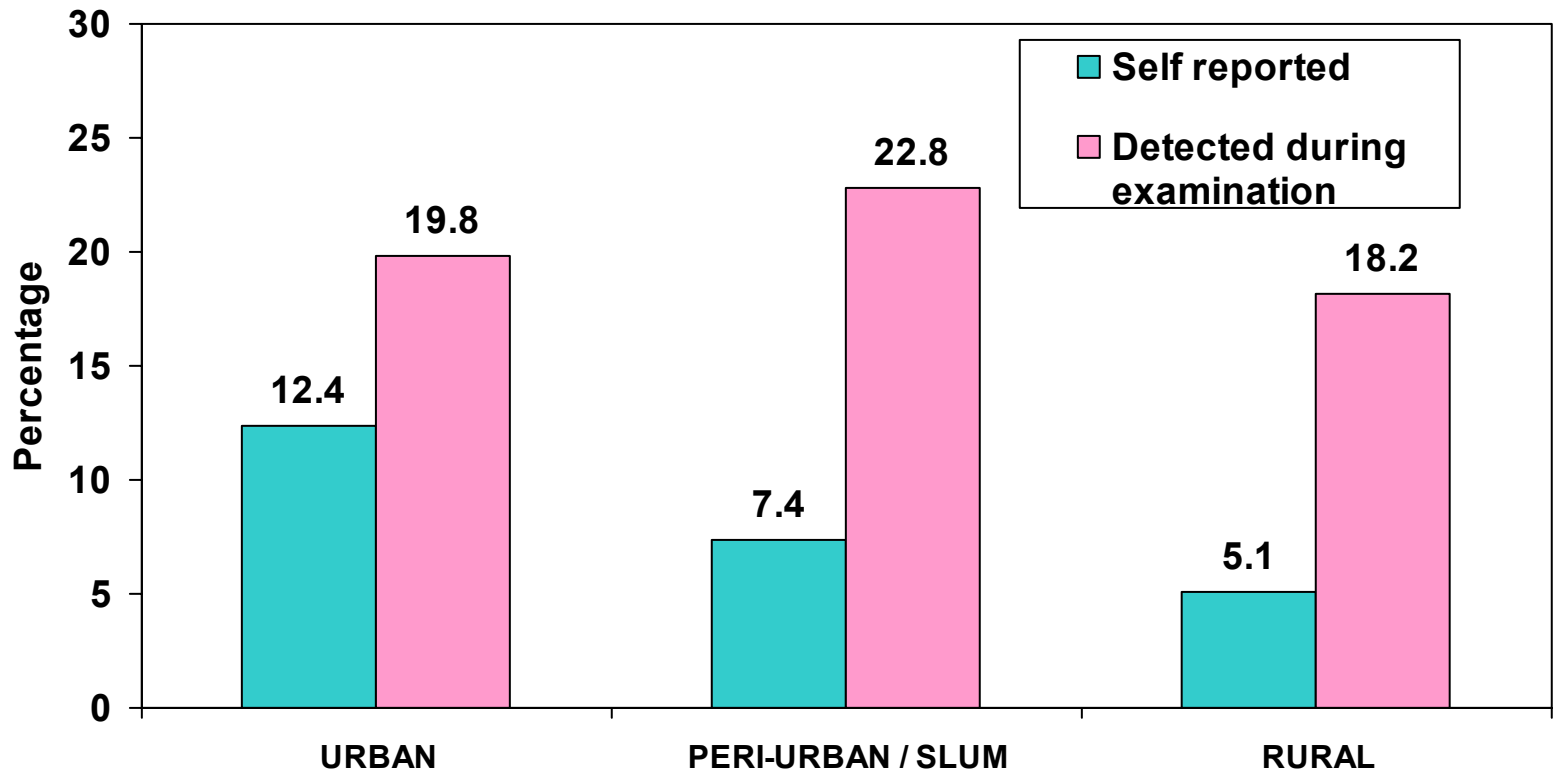
AGEWISE PREVALENCE RATES OF HYPERTENSION [DETECTED DURING EXAMINATION] : Male



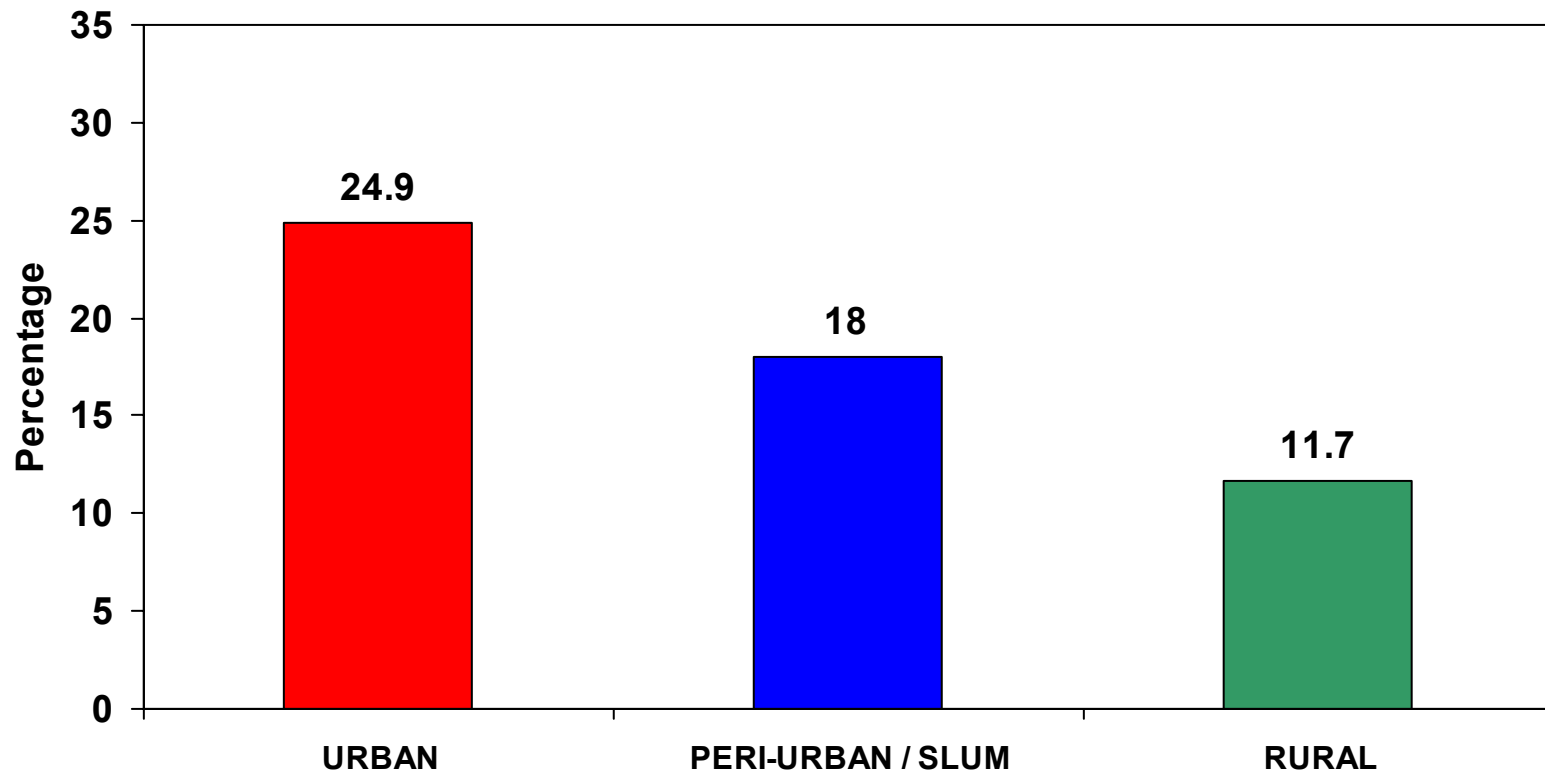
AGEWISE PREVALENCE RATES OF HYPERTENSION [DETECTED DURING EXAMINATION] : Female



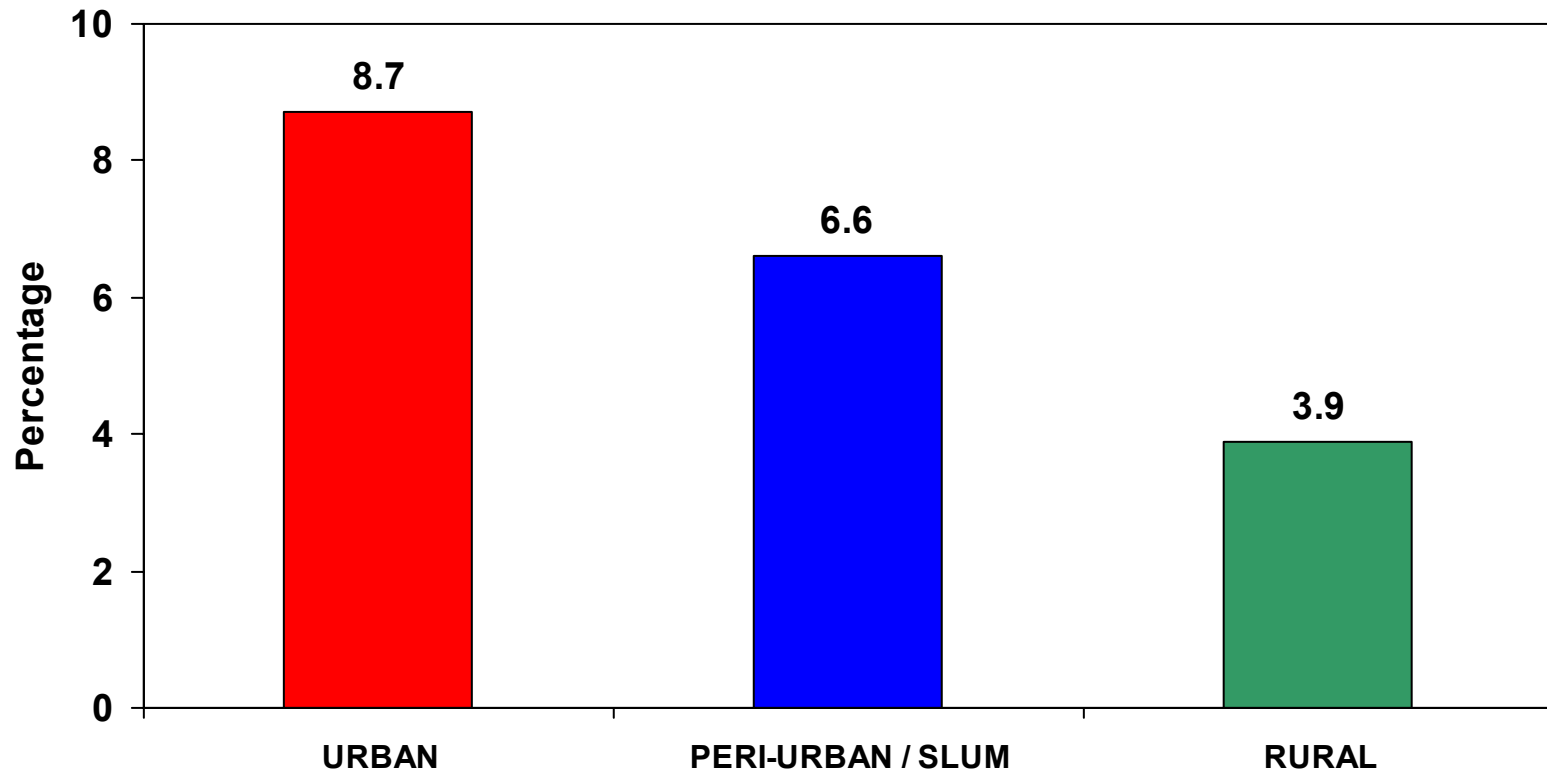
PREVALENCE OF HYPERTENSION : By residence



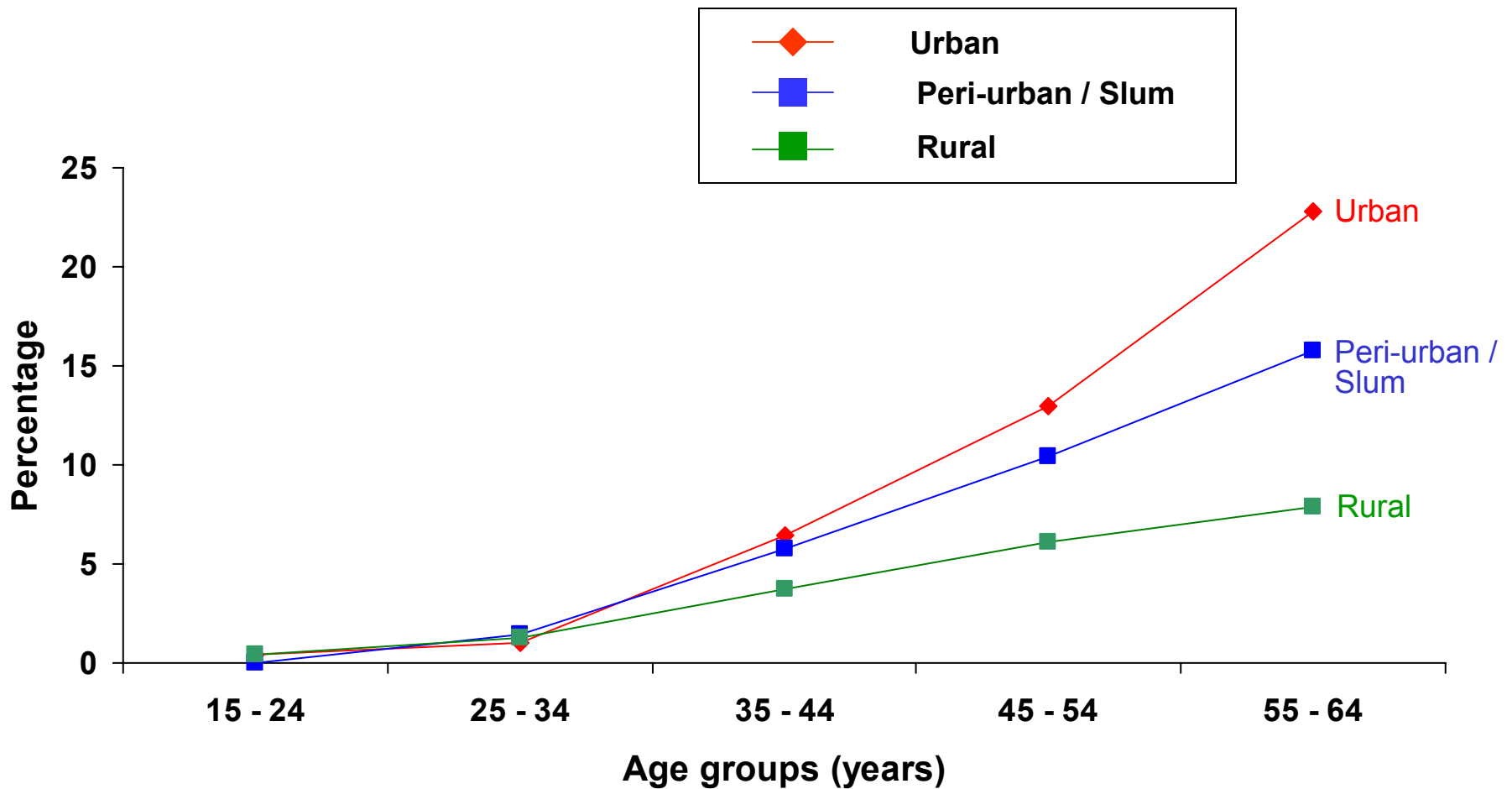
HISTORY OF MEASUREMENT OF BLOOD SUGAR IN THE PAST 12 MONTHS: By residence



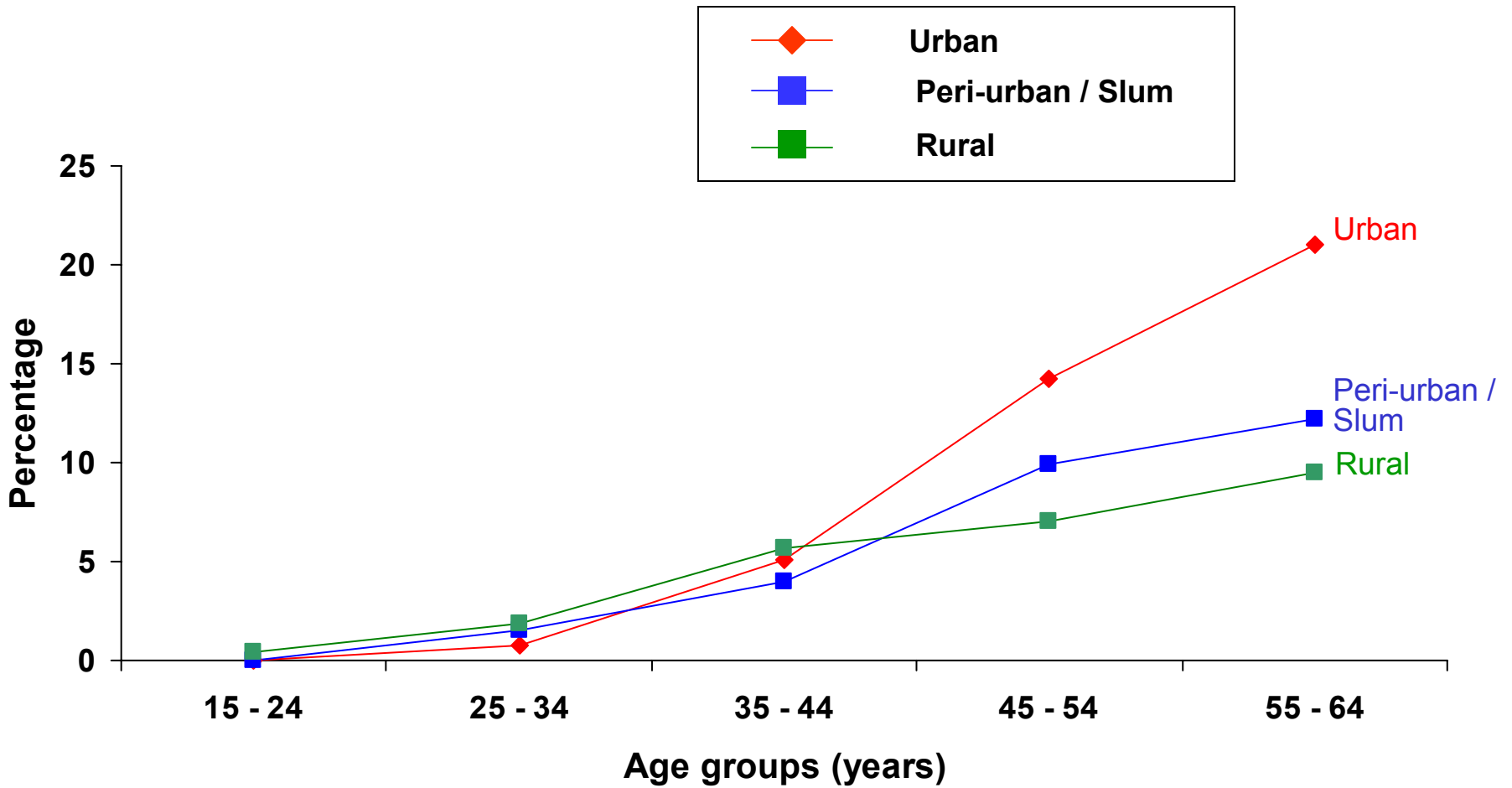
PREVALENCE OF DIABETES [SELF REPORTED] : By residence



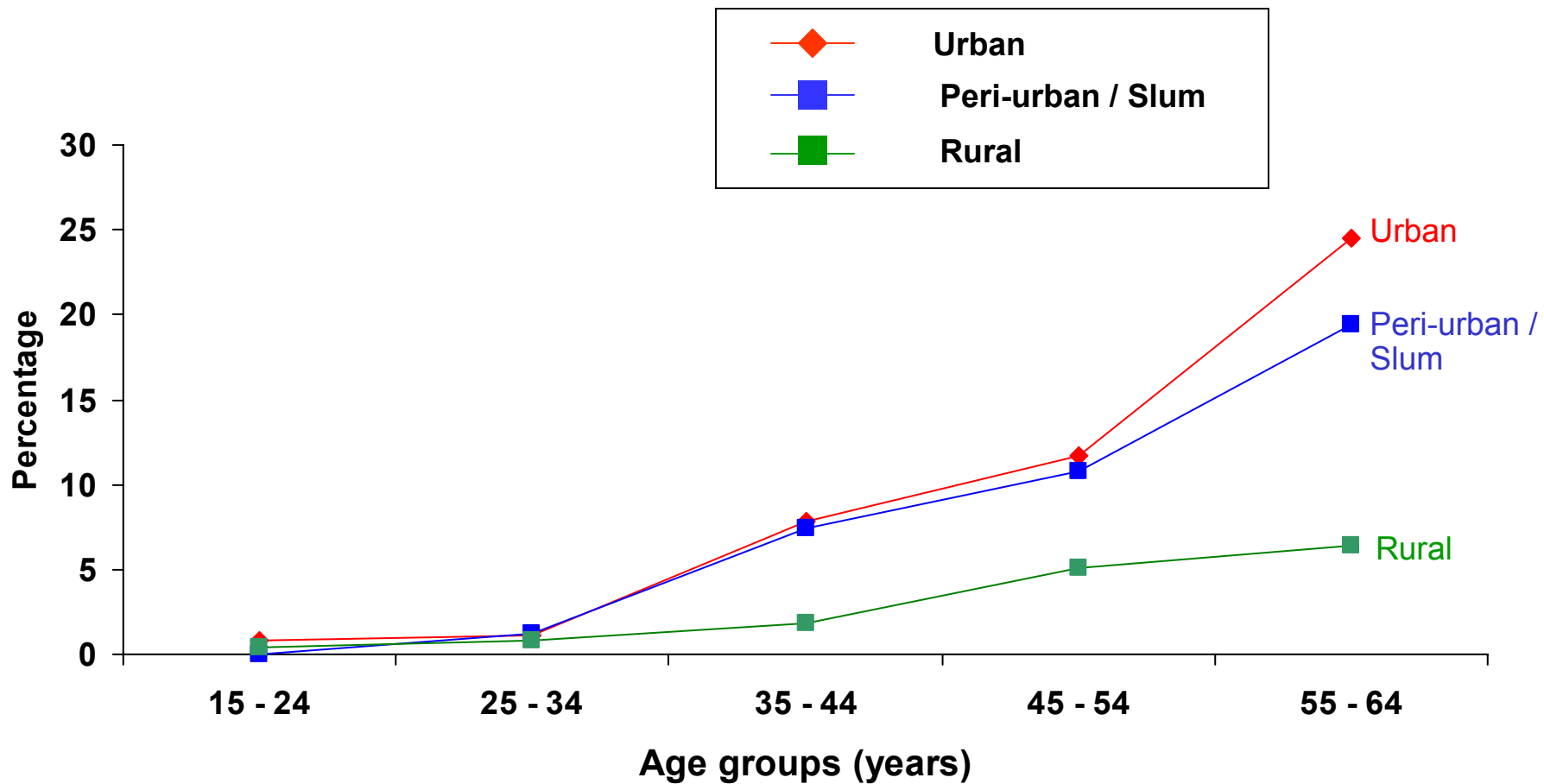
AGEWISE PREVALENCE RATES OF DIABETES [SELF REPORTED] : By residence



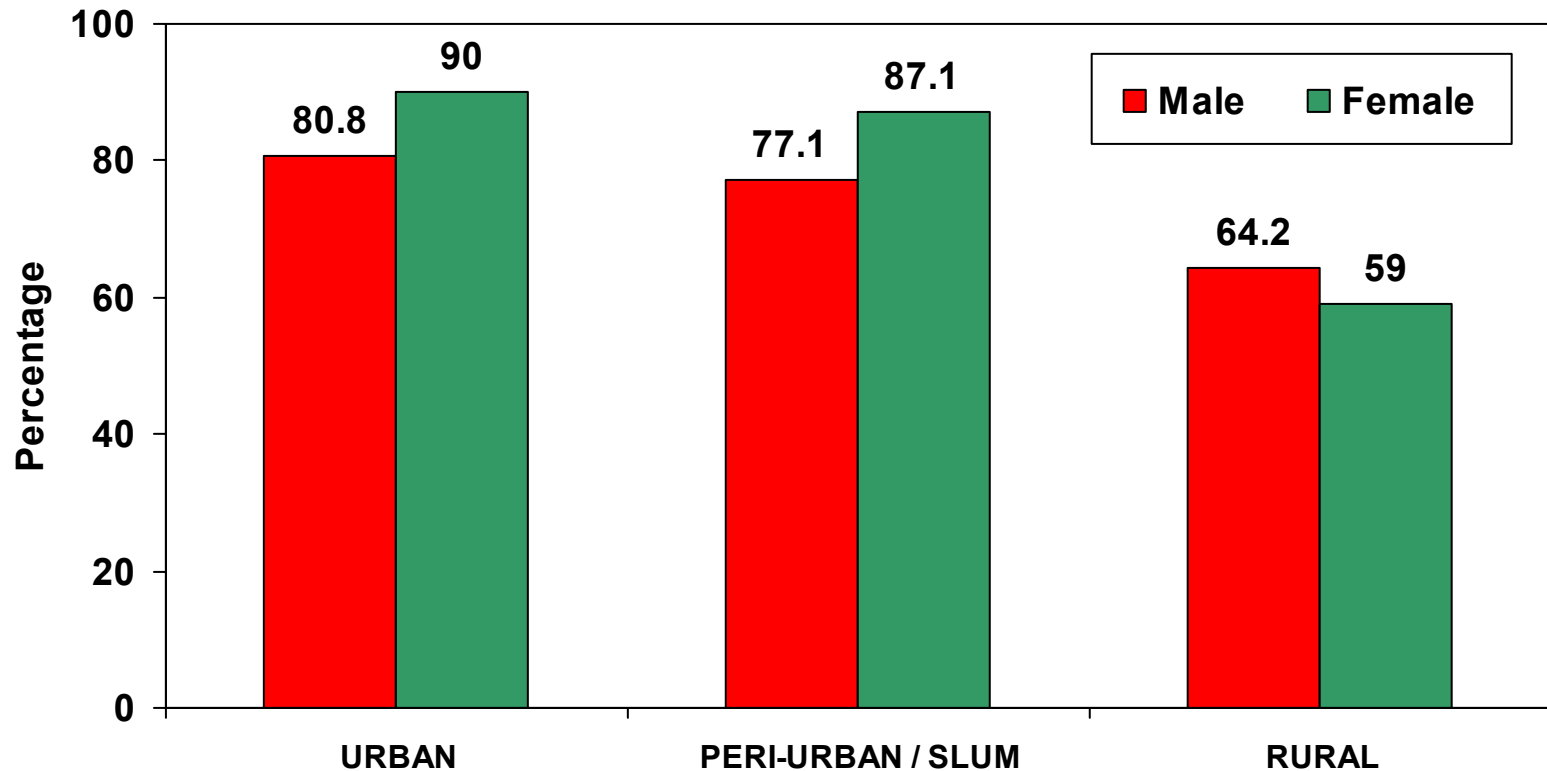
AGEWISE PREVALENCE RATES OF DIABETES [SELF REPORTED] : Male



AGEWISE PREVALENCE RATES OF DIABETES[SELF REPORTED] : Female



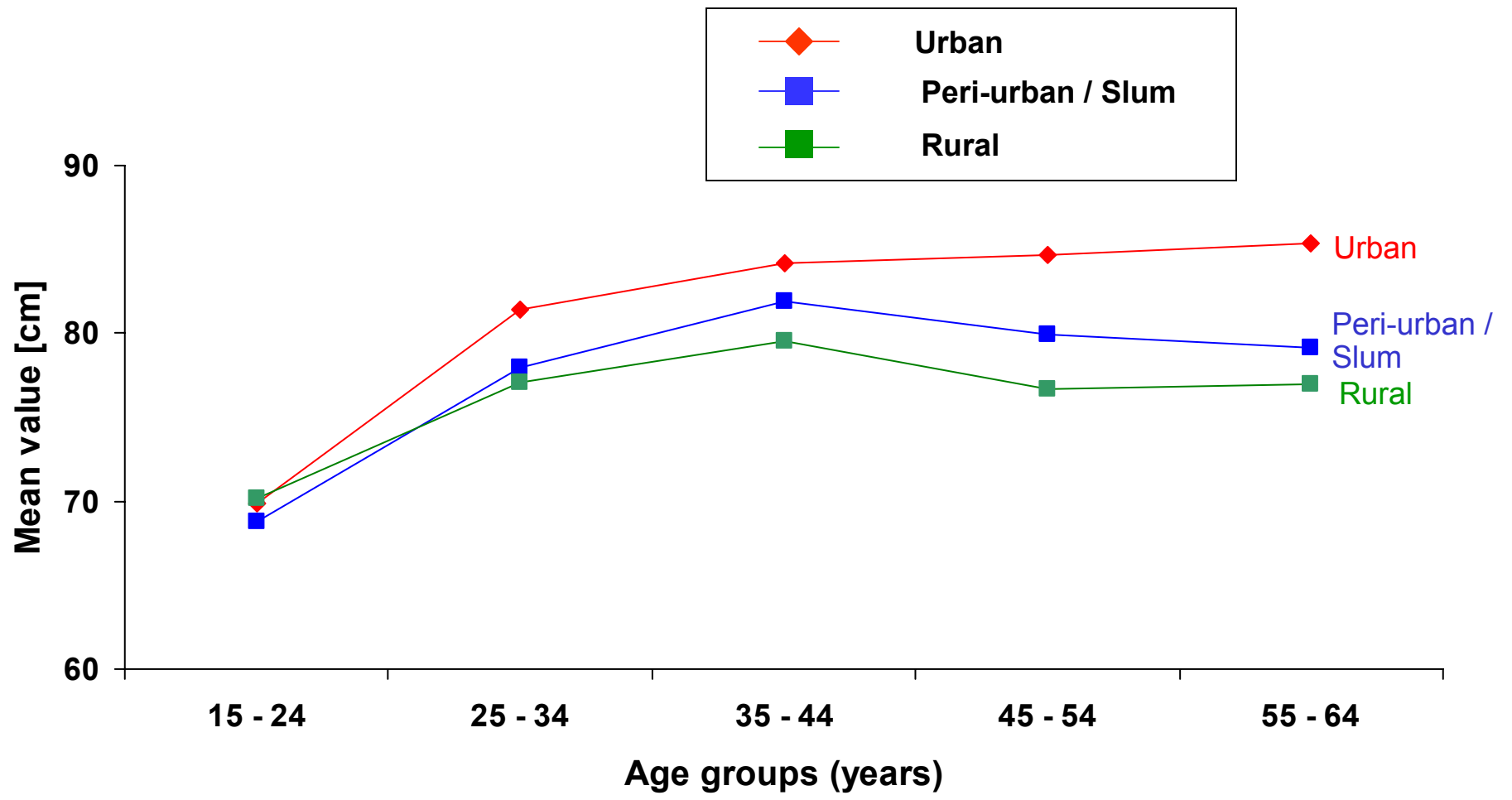
TREATMENT OF DIABETES – among self reported diabetic subjects : By residence and gender



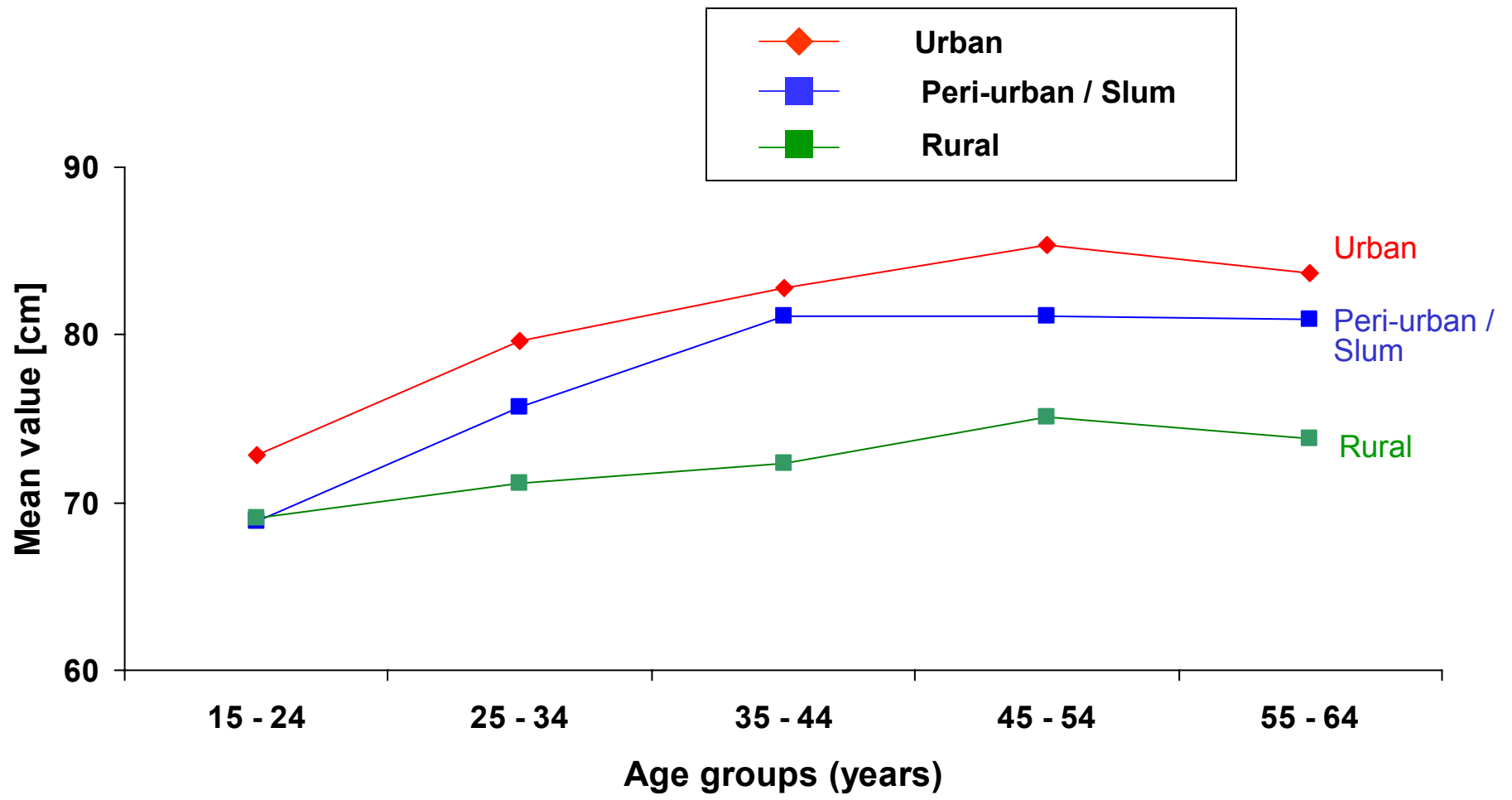
Mean values of waist circumference : By residence

	Urban	Peri-urban / Slum	Rural
Male	81.1 ± 12.4	77.5 ± 11.9	76.1 ± 10.2
Female	81.0 ± 11.7	77.9 ± 12.0	72.3 ± 9.6
Overall	81.0 ± 12.1	77.7 ± 11.9	74.2 ± 10.1

AGEWISE MEAN VALUES OF WAIST CIRCUMFERENCE : Male



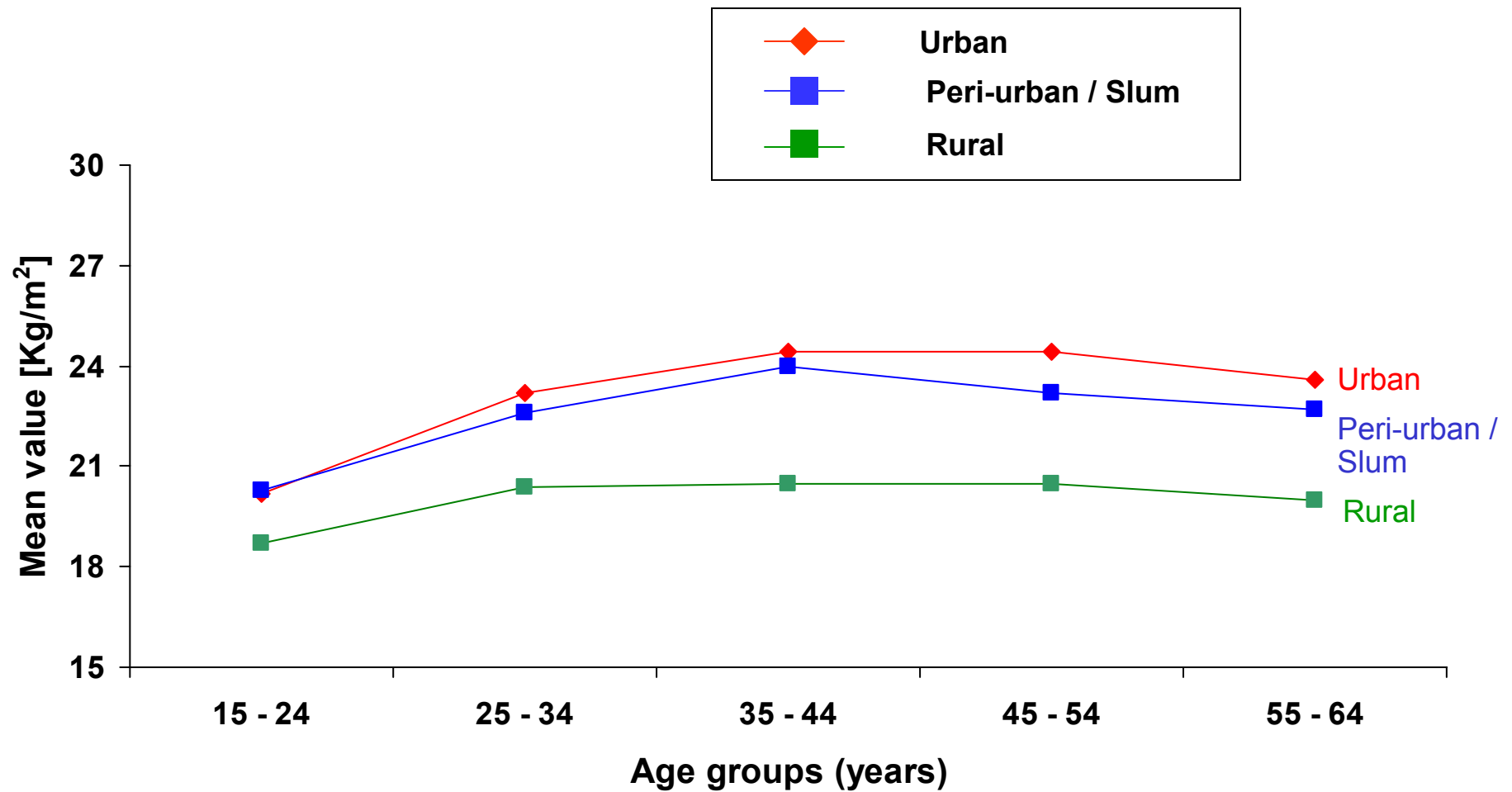
AGEWISE MEAN VALUES OF WAIST CIRCUMFERENCE : Female



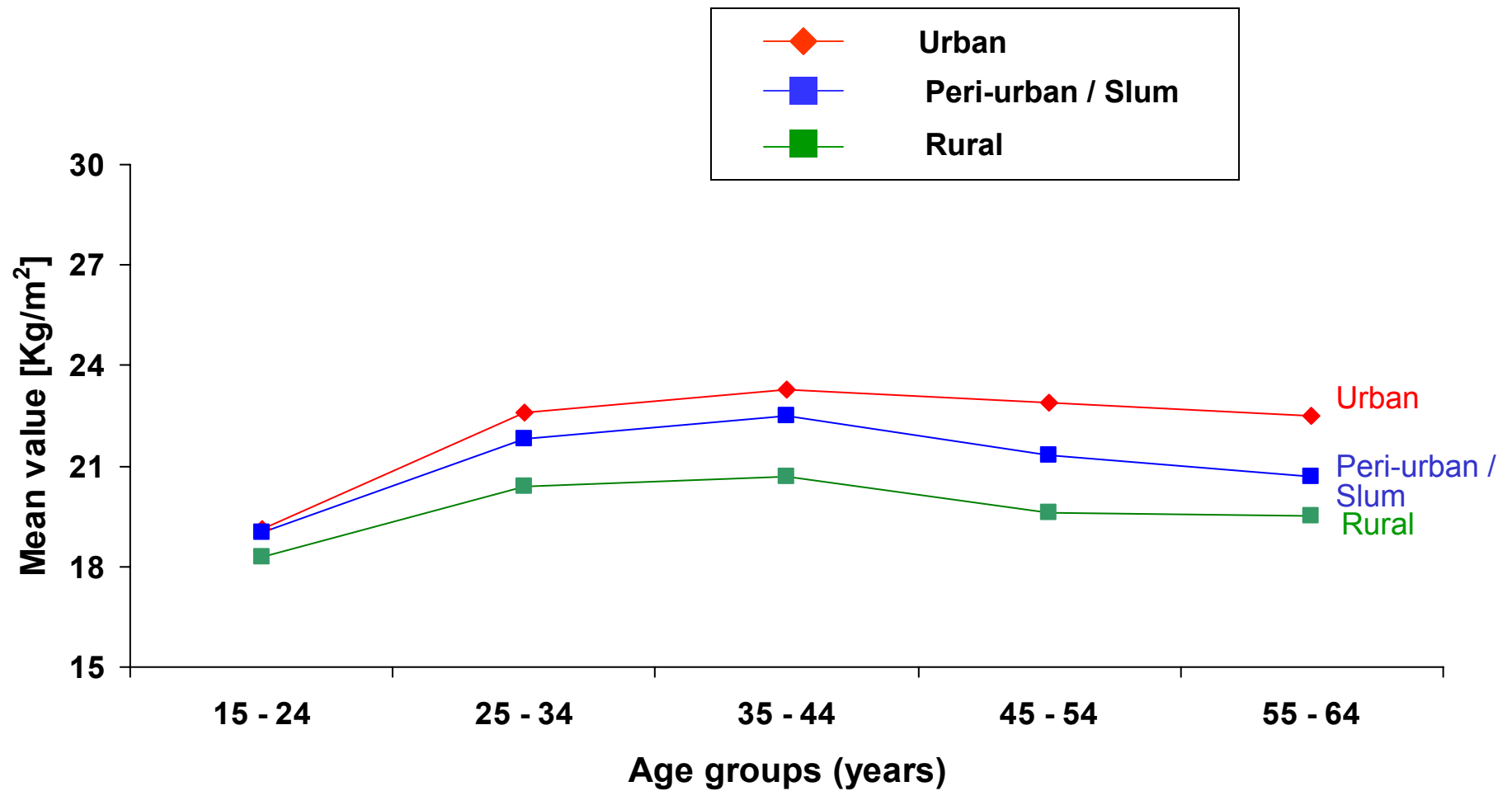
Mean values of Body mass index : By residence

	Urban	Peri-urban / Slum	Rural
Male	22.1 ± 4.3	21.0 ± 4.0	19.7 ± 3.4
Female	24.3 ± 5.0	24.1 ± 5.0	20.3 ± 3.8
Overall	23.2 ± 4.8	22.6 ± 4.8	20.0 ± 3.6

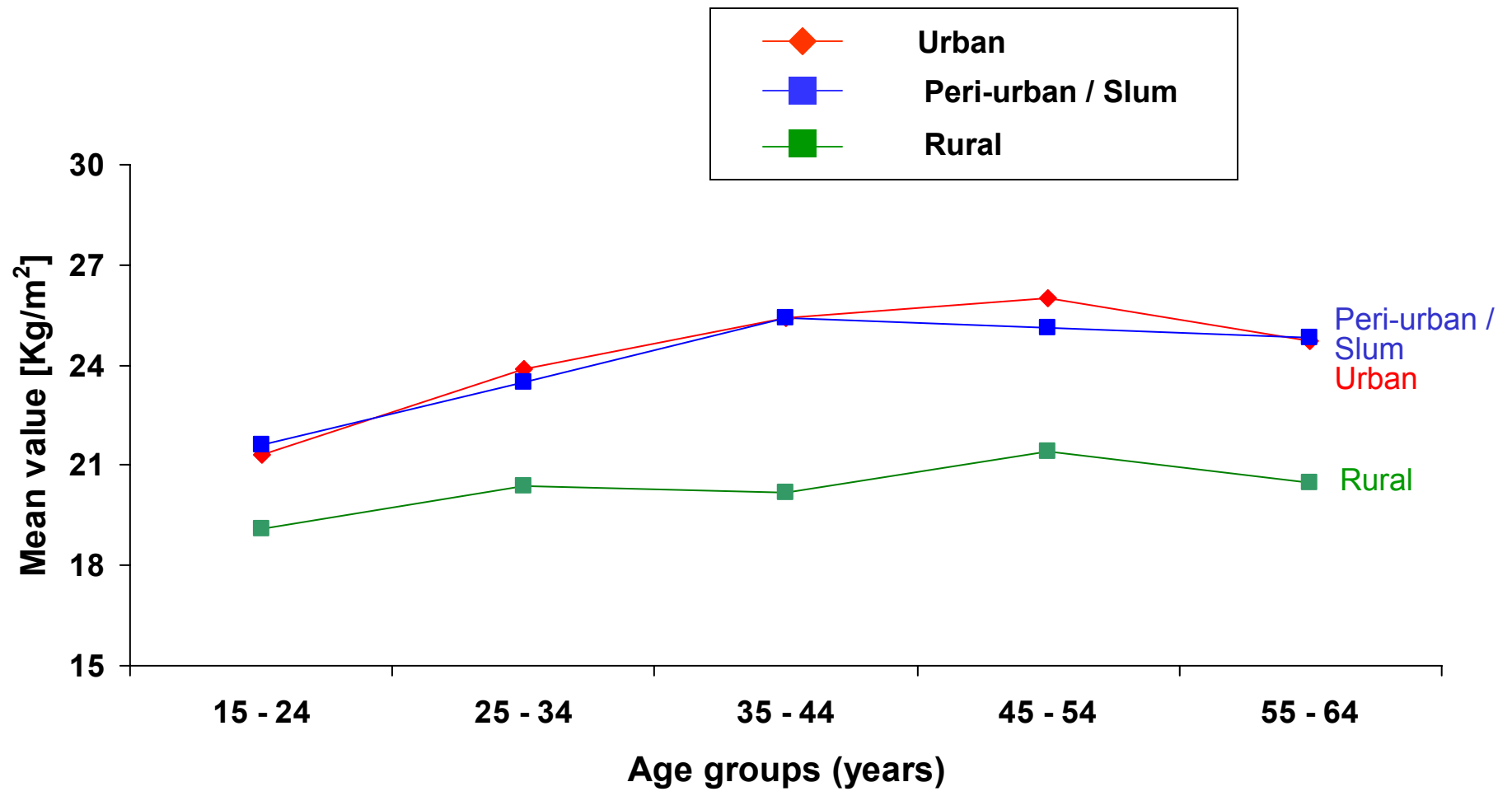
AGEWISE MEAN VALUES OF BODY MASS INDEX : By residence



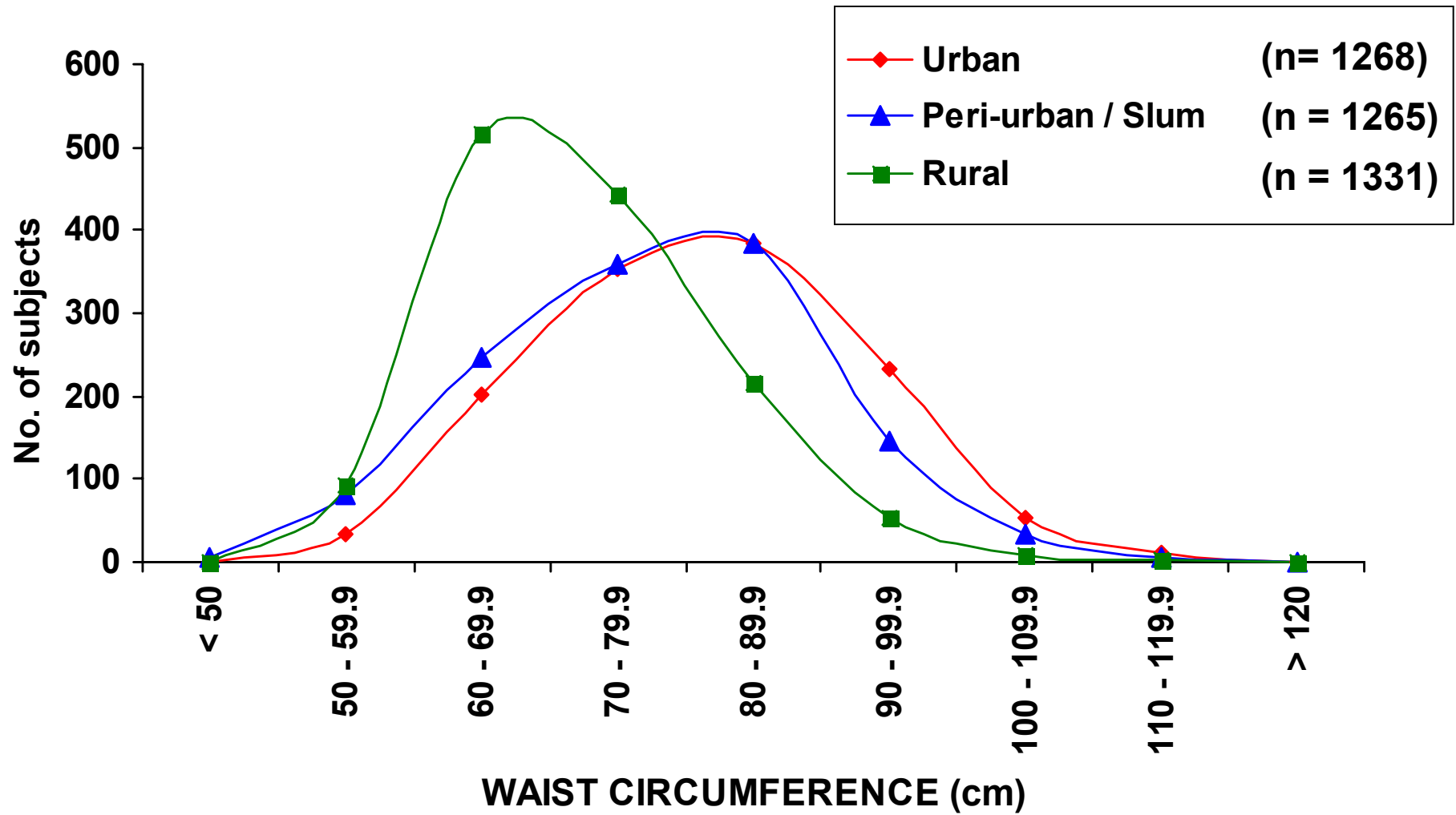
AGEWISE MEAN VALUES OF BODY MASS INDEX : Male



AGEWISE MEAN VALUES OF BODY MASS INDEX : Female



DISTRIBUTION OF WAIST CIRCUMFERENCE : Male



DISTRIBUTION OF WAIST CIRCUMFERENCE : Female

