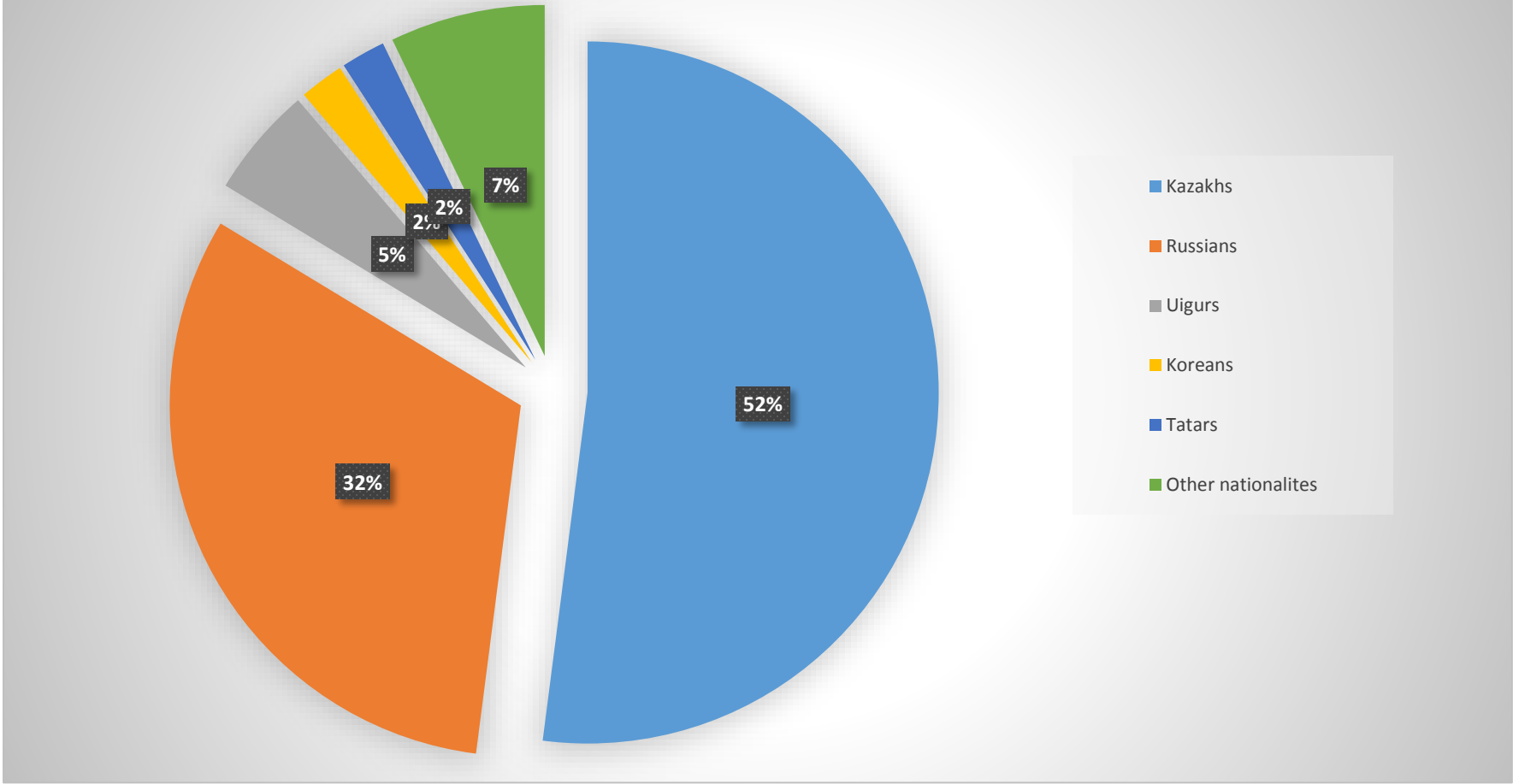


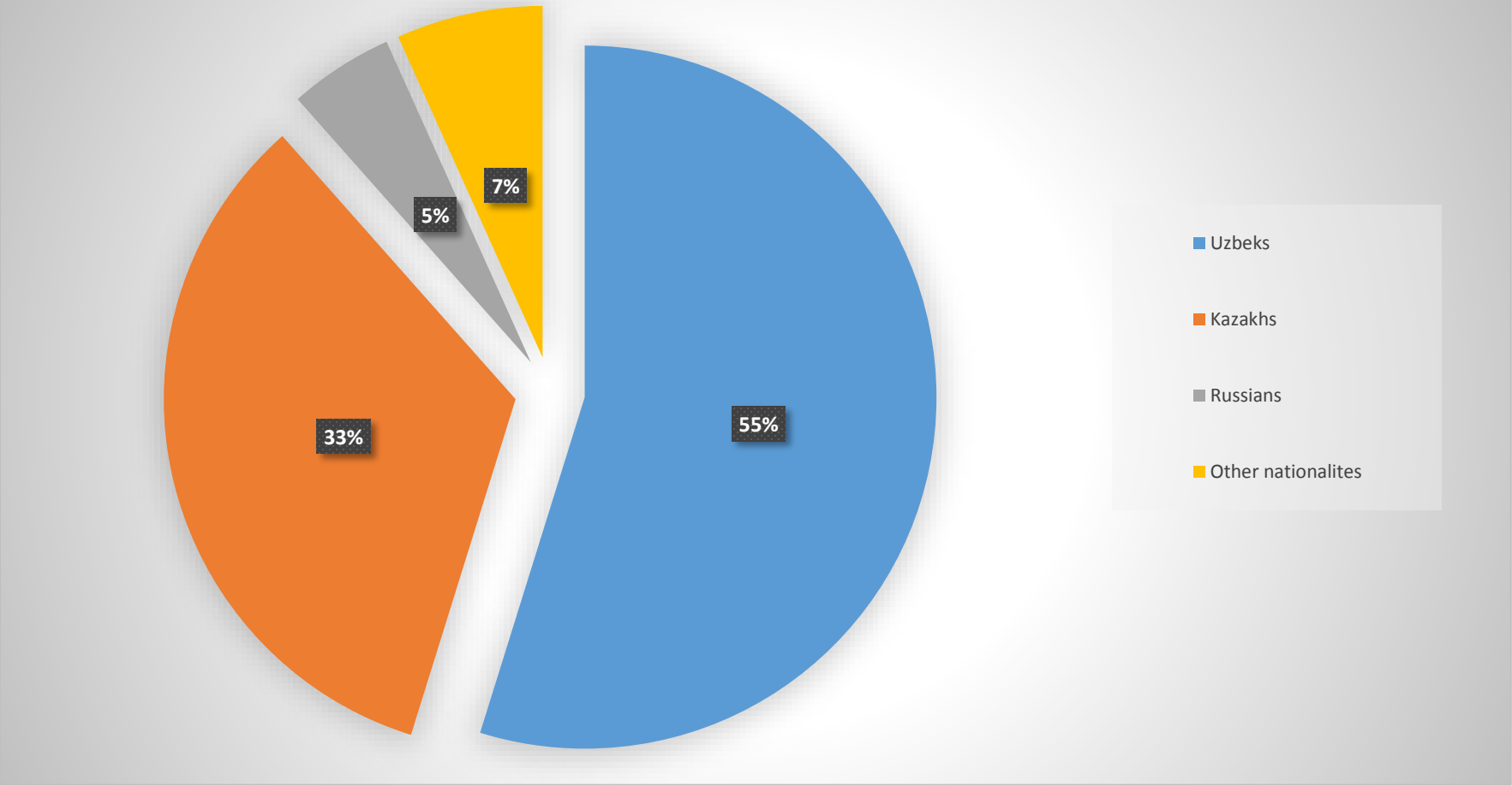
National structure of the large multinational city of Almaty

Kazakhs 51%
Russians 31%
Uigurs 5%
Koreans 2%
Tatars 2 %
Other nationalities 7%



National structure of the rural district of the Southern Kazakhstan.

Uzbeks 57%
Kazakhs 35%
Russians 2%
Other nationalities 6%



Comparative distribution of the Ichthyosiformal dermatoses in city and rural population of the Southern Kazakhstan

Diagnosis	Type of inheritance	City population			№ of families	Rural population	
		№ of families	№ of patients	Distribution per 100 000 of inhabitants		№ of patients	Distribution per 100 000 of inhabitants
Ichthyosis vulgaris	AD	24	55	14,74	13	36	12,72
X-chromosome linked ichthyosis	X-linked	5	11	6,4	4	13	9,15
Ichthyosiformal eritrodermia nonbullosa	AR	2	3	0,8	7	8	2,83
Lamellar ichthyosis	AR	1	1	0.27	3	3	1.06
Congenital ichthyosis (Harlequin type)	AR	2	2	0,54	1	1	0,35
Syndrome of ichthyosiformal eritrodermia + alopecia + atopia	AD	-	-	-	1	2	0,71
Total		34	72	19,3	29	63	22,6

Notes: AD autosomal-dominant type of inheritance;
X-linked – X-chromosome-linked type of inheritance;
AR – autosomal-recessive type of inheritance

Comparative frequency of ichthyosis vulgaris in combination with atopic dermatitis in a city and rural areas with different extent of ecological pollution.

