

# Drug intolerance among young Poles

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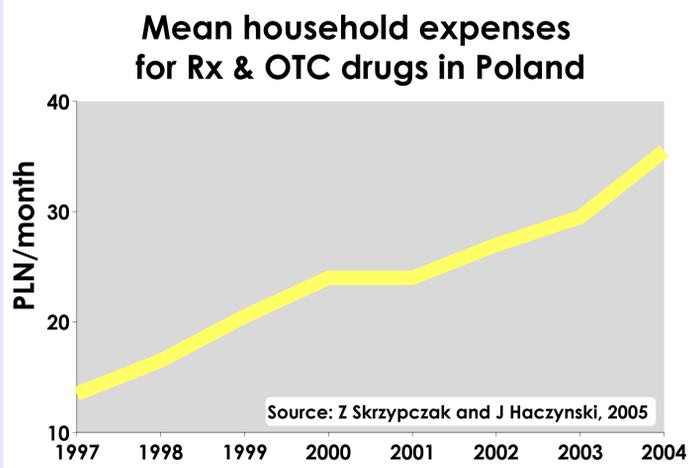
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## 1. Increasing drug consumption in Poland

Poland is one of the fastest growing markets of drugs, and it is predicted that this trend will continue in future years.



## 4. Methods (cntd)

- skin prick test with common allergens
- total IgE level
- Phadiatop
- medical examination for asthma, allergic rhinitis, dermatitis, and urticaria



## 2. Study settings

During a nationwide study of vocational students' health status, history of drug intolerance was collected in a random sample of 134 students aged 16-23.

## 5. Results

13 persons (9.7%, 95%CI: 4.7-14.7%) reported episodes of drug intolerance ever in their lives.

## 3. Methods

The physician-administered questionnaire included the question "Have you ever had adverse reactions after taking any medicine?"



Intolerance to...	Number
Penicillin	5
Doxycycline	1
Cefadroxil	1
<b>TOTAL ANTIBIOTICS</b>	<b>9</b>
ASA	4
Metamizole	1
Aminophenazone	1
<b>TOTAL NSAID's</b>	<b>5</b>

## 6. Results

We were not able to identify any risk factor for drug intolerance among atopy markers, allergic disease and gender.

Intolerance to...	Analysed possible risk factors:					
	Female gender	History of asthma	History of dermatitis	History of allergic rhinitis	Phadiatop positive	Total IgE > 120 kU/l
..all drugs	p=0.08	p=0.13	p=0.19	p=0.51	p=0.75	p=1.00
..antibiotics	p=0.30	p=0.07	p=0.27	p=1.00	p=0.47	p=1.00



## Conclusion:

5-15% of young adults in Poland have had at least one episode of drug intolerance.

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