



Healthy Food
System Mobilization

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для здоровья!



Ministry of Health
the Republic of Uzbekistan

Wheat flour fortification in the Republic of Uzbekistan

Food fortification program



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Legal environment

The “National flour fortification program” was developed in 2003 initiated by the Government of Uzbekistan.

In 2004 Uzbekistan won a grant from the Global Alliance for Improved Nutrition (GAIN) for implementation of this program.

11th August, 2005 issued the Resolution of the President of the Republic of Uzbekistan №PP-153 «On measures for implementing the project “National flour fortification program”».

19th November, 2005 adopted the joint resolution of the Ministry of Finance, the Board of Central Bank and Ministry of Health of the Republic of Uzbekistan, registered by the Ministry of Justice of the Republic of Uzbekistan under №1522 «On approval of provisions on accumulation of a share of mills’ funds from the sale of fortified flour».





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- 7th June, 2010 adopted the Law of the Republic of Uzbekistan № ZRU-251 «On prevention of micronutrient deficiency among the population».
- 23rd November, 2010 adopted the Resolution of Cabinet of Ministers of the Republic of Uzbekistan № 260 «On measures to implement the Law «On prevention of micronutrient deficiency among the population».
- 14th May, 2013 adopted the Resolution of Cabinet of Ministers of the Republic of Uzbekistan №129 «On additional measures to implement the Law of the Republic of Uzbekistan «On prevention of micronutrient deficiency among the population».
- 29th August, 2015 adopted the Resolution of Cabinet of Ministers of the Republic of Uzbekistan № 251 «On approval of the concept and plan of action to ensure the healthy nutrition of the population in the Republic of Uzbekistan for the period 2015 - 2020».



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Program purpose

- To reduce the iron deficiency in the target population.

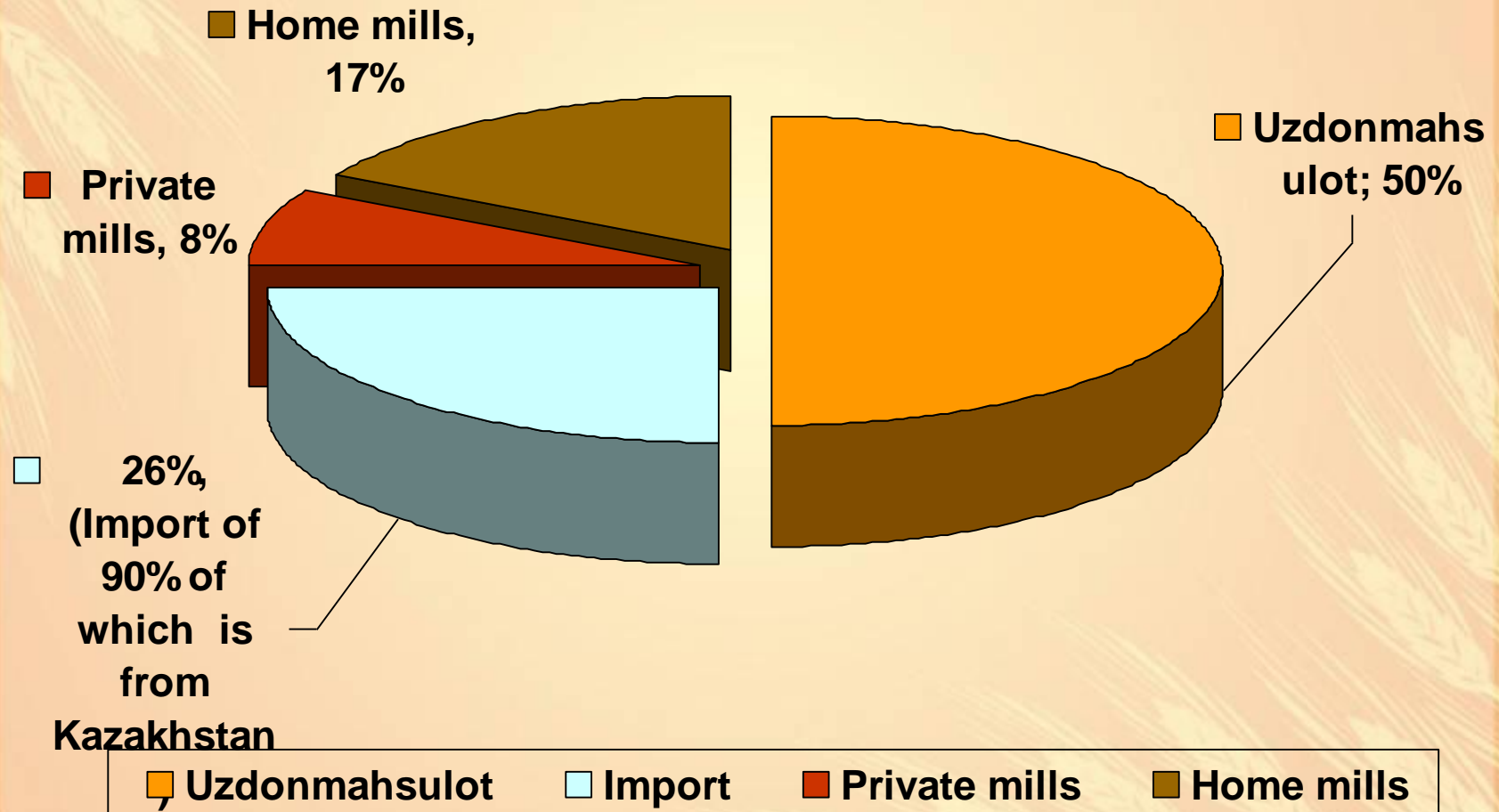




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Flour supply scheme in the Republic of Uzbekistan

As of 2004



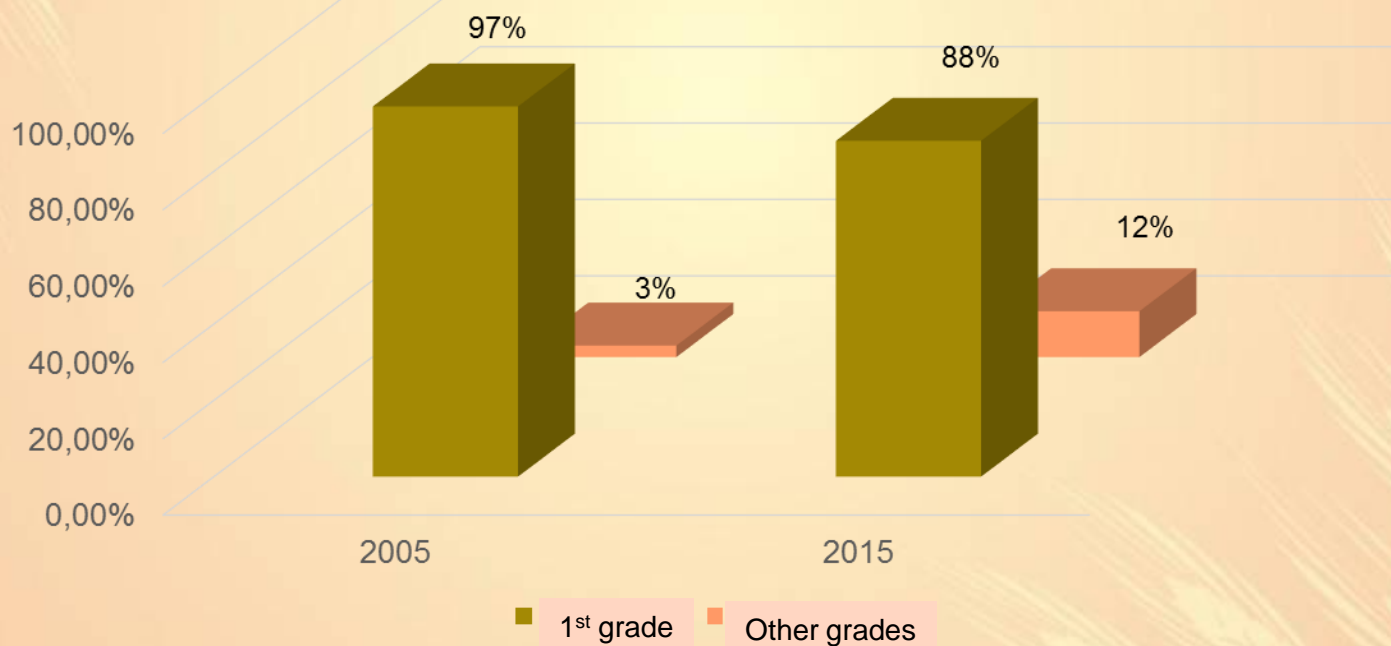


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Dividing of manufactured flour

Flour production according to monitoring



Fortificants

The basic premix is the **«KAN COMPLEX1»**, developed by the Kazakh Academy of Nutrition especially for Central Asia Republics, taking into account the climatic and cultural characteristics of the region.

Thiamin Mononitrate	1.3%	Folic acid	1.0%
Riboflavin	2.0%	Electrolytic iron	34.7%
Niacinamide	6.7%	Zinc oxide	18.7%
Silicon dioxide		Starch/Calcium sulfate	

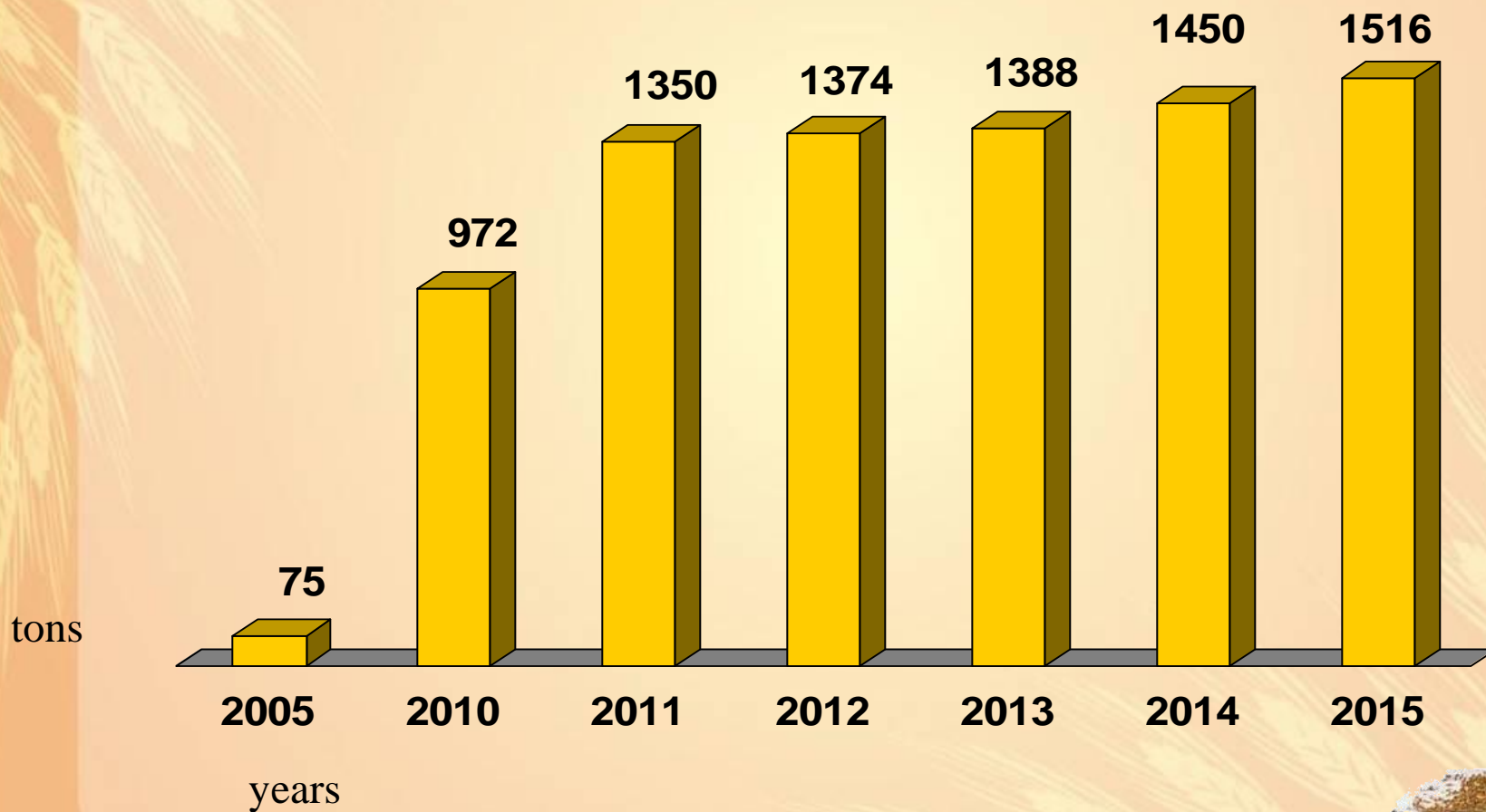




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Sustainable Development

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Dynamics of flour fortification





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Program implementation stages

2006

**5 regions
completely and
2 regions – in
part**



2007-2016

**All UDM enterprises including
private 10-123 respectively**





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Quality control system

- - Developed the national standard for premix, fortified flour and products made of this flour.
- - Laboratories in mills are equipped with computers.
- - Purchased the laboratory equipment for labs responsible for external and internal control, as well as for assessment of the project's impact (HELC, AAC, demineralizer, weighing scales).

Responsible are:

**Ministry of Health, Uzstandard, Uzdonmahsulot,
«Donmahsulotlari IICB» LLC**





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Dynamics of public awareness

- - Raising public awareness of the micronutrients deficiency and advantages of fortified flour.
- - Informing the public about healthy and wholesome food.
- - Stimulating demand for fortified flour.

Responsible are:

**Ministry of Health, Ministry of National Education,
mahalla committees.**





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Monitoring and impact assessment system

- - Developed the joint monitoring plan (please list by whom?) with all interested parties.
- - (by whom?) The monthly monitoring of fortified flour production is performed.
- (What bodies?) The bodies responsible for monitoring perform the periodical (what is the frequency?) sampling for quality control. What happens then?

Responsible are:

Ministry of Health, Hematology Research Institute





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Program management

- - The system monitoring of the program implementation progress is performed by the Ministry of Health as the leading agency.
- - “Uzdonmahsulot” supports the implementation of program and accumulation of funds to ensure the sustainability of the program.
- - Daily management and coordination of program implementation are performed by the Group for Food Fortification Program under the Central Bureau “Health-3” under the Ministry of Health.





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Thank you!

