

The EU school fruit, vegetables and milk scheme



Annual monitoring report

2022/2023 school year

Country/region: **Estonia**

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Information by the country's competent authorities. The report is sent to, but not approved by, the Commission that may make comments.

Non-mandatory information, nevertheless recommended for the quality of the report, in grey.

Figures on budget execution (31 December 2023) are preliminary: corrections are possible and payments may still be made.

1. Budget execution

1.1. Expenditure for the supply/distribution of products (EUR)

	School fruit and vegetables			School milk			Total	
	Fresh	Processed	Total fruits and vegetables	Drinking milk and lactose-free versions	Cheese, curd, yoghurt and other milk products with no added flavouring, fruit, nuts or cocoa	Milk products with added flavouring, fruit, nuts or cocoa		Total milk and milk products
EU aid	407 329	3 640	410 969	612 804	105 688		718 492	1 129 461
National Funds	700 032	6 255	706 287	1 435 746	247 617		1 683 363	2 389 650
<i>of which: Public</i>	700 032	6 255	706 287	1 435 746	247 617		1 683 363	2 389 650
<i>of which: Private</i>								
Comments								

1.2. Expenditure for the educational measures (EUR)

	On school fruit and vegetables	On school milk	Total
EU aid	113 573	60 765	174 338
National Funds			
<i>of which: Public</i>			
<i>of which: Private</i>			
Comments			

1.3. Expenditure for information, monitoring and evaluation (EUR)

	On school fruit and vegetables	On school milk	Total
EU aid			
National Funds			
<i>of which: Public</i>			
<i>of which: Private</i>			
Comments			

2.1 Participating children

	Participating children		
	Number of children	Number of children who participated in the school fruit and vegetables part	Number of children who participated in the school milk part
Nurseries/Pre-schools	65 493	62 738	65 099
<i>Of which: Nurseries</i>			
<i>Of which: Pre-schools</i>			
Primary schools	163 724	71 081	163 434
Secondary schools			
Total	229 217	133 819	228 533
Comments	<i>Primary school data includes secondary and vocational secondary schools. No separate division available for nurseries/pre-schools, these figures included in first column</i>	<i>No separate division available for nurseries/pre-schools, these figures included in first column.</i>	<i>Primary school data includes secondary and vocational secondary schools. No separate division available for nurseries/pre-schools, these figures included in first column.</i>

2.2 Number of children in the target group

	Number of children in the target group set out in the strategy
Nurseries/Pre-schools	68 983
<i>Of which: Nurseries</i>	
<i>Of which: Pre-schools</i>	
Primary schools	137 540
Secondary schools	36 116
Total	242 639
Comments	<i>Secondary schools data includes vocational secondary schools (10 966 children)</i>



2.3 Total number of children

	Number of children eligible for the EU school fruit, vegetables and milk scheme
Nurseries/Pre-schools	68 983
<i>Of which: Nurseries</i>	
<i>Of which: Pre-schools</i>	
Primary schools	137 540
Secondary schools	36 116
Total	242 639
Comments	<i>Secondary schools data includes vocational secondary schools</i>



3.1 Participating schools

	Participating schools		
	Number of schools	Number of schools that participated in the school fruit and vegetables part	Number of schools that participated in the school milk part
Nurseries/Pre-schools	432	409	427
<i>Of which: Nurseries</i>			
<i>Of which: Pre-schools</i>			
Primary schools	261	354	258
Secondary schools	166		166
Total	859	763	851
Comments	<i>Schools have combined structure i.e. secondary schools and primary schools can be united, nurseries involve pre-school.</i>		

3.2 Number of schools in the target group

	Number of educational establishments in the target group set out in the strategy
Nurseries/Pre-schools	609
<i>Of which: Nurseries</i>	
<i>Of which: Pre-schools</i>	
Primary schools	351
Secondary schools	195
Total	1 155
Comments	<i>Additional division in 2022/2023 schoolyear: 1 school level (normally 1-3 grades) 42 schools ,primary schools 305, secondary schools 158, vocational school 35.</i>

3.3 Total number of schools

Nurseries/Pre-schools	586
<i>Of which: Nurseries</i>	
<i>Of which: Pre-schools</i>	
Primary schools	347
Secondary schools	192
Total	1 125
Comments	<i>Division in 2022/2023 schoolyear: secondary schools 158 + vocational school 35</i>



4.1 Products supplied/distributed to schoolchildren and, if applicable, tasted by schoolchildren as part of educational measures

4.1.1 Fresh fruit

	List
Apples	✓
Apricots	
Aromatic Herbs	
Avocados	
Bananas	
Berries	✓
Cherries	✓
Citrus Fruit	
Figs	
Grapes	
Guavas/Mangoes	
Kiwis	
Melons	
Nuts	
Peaches/Nectarines	
Pears	✓
Pineapples	
Plums	✓
Quinces	✓
Strawberries	✓
Watermelons	
Comments	



4.1.2 Fresh vegetables

	List
Artichokes	✓
Asparagus	✓
Aubergines	
Beet	✓
Broccoli	✓
Cabbages	✓
Carrots	✓
Cauliflowers	✓
Celery	✓
Chicory	✓
Courgettes	✓
Cucumbers	✓
Fennel	
Kohlrabi	✓
Kale	✓
Garlic	
Gherkins	
Leeks	
Lettuce	✓
Mushrooms	
Onions	
Parsnips	
Peas	✓
Peppers	✓
Pulses	✓
Pumpkins	✓
Radishes	✓
Rutabagas	✓
Salad beetroot	✓
Salsifis	
Spinach	✓
Tomatoes	✓
Turnips	✓
Comments	

4.1.3 Processed fruit and vegetables

	List
Fruit Juices	
Fruit Purées/Compotes	
Jams/Marmalades	
Dried Fruits	
Vegetable Juices	
Other:	✓
Comments	Frozen Berries are included. Additional products available in scheme are used only as co-products in accompanying measures. Activities



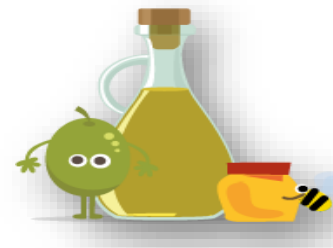
4.1.4 Milk and milk products

	List
Drinking milk or lactose-free versions	✓
Cheese and curd	
Plain yoghurt	✓
Milk products without added sugar, flavouring, fruit, nuts or cocoa	✓
Milk products without fruit juice, naturally flavoured	
Milk products with fruit juice, naturally flavoured or non-flavoured	
Milk-based drinks with cocoa, with fruit juice or naturally flavoured	
Fermented or non-fermented milk products with fruit, naturally flavoured or non-flavoured	
Comments	<i>Additional products may be in some cases used only as co-products in accompanying measures. Activities connected to preparation of food, exhibition, taste classes, healthy diet.</i>



4.1.5 Other agricultural products that children tasted as part of educational measures

	List
Table olives	
Olive oil	
Honey	
Other:	
Comments	



4.1.a) Priorities for the choice of school fruit, vegetables and milk

	Yes/No	Comments
Local/regional purchasing	No	
Organic products	No	<i>For information, regional scheme is placed for promoting organic food in schools through municipalities who receive financial support for promoting organic food involvement in school food. Scheme is based on organic badge for schools which schools can gain after they reach 20%-50 of organic food share in school.</i>
Short supply chains	No	
Quality schemes	No	
Fair trade	No	
Other:	Yes	<i>We have taken into consideration EU guidelines- selecting eligible products, concentrating primarily on products that do not contain added sugar, salt, fat, sweeteners or artificial flavor enhancers in the school scheme. Frozen berries considered as an alternative to fresh berries during the off-season period and must be in consistence with the Article23(6) of the basic act. Drinking milk is also preferred through product support mechanism, which takes into account the budget and ensures that primarily drinking milk would be available to children free of charge.</i>

4.2 Average size of portion of school fruit, vegetables and milk (Kg/Lt)

	School fruit and vegetables	School milk
Kg	0.10	0.26
Liters		0.25
Comments	<i>For information: school fruit and vegetables offer different variety, recommendations are available for individual portion of approximate quantity (80-100 grams).Taking consider all the pupils in target group in scheme then average size of portion is 0,04 kg</i>	<i>Taking consider all the pupils in target group in scheme then average size of portion is 0,077 liter</i>

4.3 Average cost of portion of school fruit, vegetables and milk (EUR)

	School fruit and vegetables	School milk
EU aid	0.04	0.05
National aid (private/public)	0.07	0.12
Comments	<i>Considering all pupils in target group in scheme then average cost in total is 0,043 €</i>	<i>Considering all pupils in target group in scheme then average cost in total is 0,058 €</i>

4.3.a Average cost of portion of apples in bulk (EUR)

	Portion of apples in bulk
EU aid	
National aid (private/public)	
Comments	

4.3.b Average cost of portion of drinking milk (EUR)

	Portion of drinking milk
EU aid	
National aid (private/public)	
Comments	



4.4. Frequency of supply/distribution of school fruit, vegetables and milk

	School fruit and vegetables	School milk
Once per week		
Twice per week		
Three times per week		
Four times per week		
Daily	✓	✓
Other:		
Comments	<i>Commonly used frequency of supply/distribution of school fruit, vegetables is on daily basis.</i>	<i>Commonly used frequency of supply/distribution of school fruit, vegetables is on daily basis.</i>

4.5. Duration of supply/distribution of fruit, vegetables and milk

	School fruit and vegetables	School milk
≤ 2 weeks		
> 2 and ≤ 4 weeks		
> 4 and ≤ 12 weeks		
> 12 and ≤ 24 weeks		
> 24 and ≤ 36 weeks		
Entire school year	✓	✓
Other: please specify under comments		
Comments		

4.5.a. Supplied/distributed portions

	School fruit and vegetables	School milk
Number of portions supplied/distributed per child	76	60
Comments		

4.6. Quantities of school fruit, vegetables and milk supplied/distributed and, if applicable, of other agricultural products that children tasted under educational measures

4.6.1 Fresh fruit and vegetables

		Quantity	Of which organic products	Comments
Fresh fruit and vegetables	Quantity in kg	1 011 848		Currently no data for organic products
Of which: Fruit	Quantity in kg	554 875		
Of which: Vegetables	Quantity in kg	456 973		

4.6.2 Processed fruit and vegetables

		Quantity	Of which organic products	Comments
Processed fruit and vegetables	Quantity in kg	9 123		Frozen berries- considered as an alternative to fresh berries during off season period and must also be inconsistent with the article 23(6) of the basic act.
	Quantity in litres			
Of which: Fruit juices	Quantity in litres			
Of which: Fruit purees/compotes	Quantity in kg			
Of which: Jams/Marmalades	Quantity in kg			
Of which: Dried fruits	Quantity in kg			
Of which: Vegetable juices	Quantity in litres			
Of which: Other	Quantity in kg			

4.6.3 Milk and milk products

		Quantity	Of which organic products	Comments
Drinking milk and lactose-free versions	Quantity in litres	2 907 214		included organic products Most popular product in this category is 2,5%
Cheese and curd	Quantity in kg			
Plain yoghurt	Quantity in kg	185 742		Unflavoured full-cream yoghurt, fat content of at least 3.5%; Unflavoured milk yoghurt, fat content 1.5% - 3 %
Milk products without added sugar, flavouring, fruit, nuts or cocoa	Quantity in kg	325 122		Fermented products in kg Most popular product in this category is kefir- Kephir, fat content of 2.5 %; non-flavoured sour milk, fat content: 1.5 % minimum; Acidified buttermilk fat content of up to 0.5%
	Quantity in litres	315 652		Fermented products in litres (different unit only)
Milk products without fruit juice, naturally flavoured	Quantity in kg			
Milk products with fruit juice, naturally flavoured or non-flavoured	Quantity in kg			
Milk-based drinks with cocoa, with fruit juice or naturally flavoured	Quantity in litres			
Milk products with fruit, naturally flavoured or non-flavoured	Quantity in kg			

4.6.4 Other agricultural products

		Quantity	Of which organic products	Comments
Olive/olive oil	Quantity in kg			
	Quantity in litres			
Honey	Quantity in kg			
Others:	Quantity in kg			

5.1 Educational measures carried out

		Number of schoolchildren	Comments
Type of measure	School gardens	2 409	<i>All the schools with school garden will offer benefit all schoolchildren from national curriculum. All the direct activities improving school gardens made under the school scheme will also benefit to all school children in the target group of school scheme (163 724 children)</i>
	Visits to farms, dairies, famers' markets and similar activities	8 408	<i>Various field trips and visits are part of the regular curriculum. With the support of the school scheme educational measures, it is possible to offer lot more visits related to food production and processing. From feedback(schools, producer, organizations) this is one of the most important activity which helps to improve direct connection with agriculture and awareness of processing. School scheme educational measure have noticed to have direct impact to producer which have customized their manufacturing to receive school children and to develop educational programs to children. Therefore, educational measure have direct and indirect benefit to scheme participants from educational measures in school scheme and under regular curriculum. All the target group of school scheme (163 724 children) is involved.</i>
	Tasting classes, cooking workshops, other	2 186	<i>Home economics class is part of the regular curriculum. The support of the school scheme educational measures contributes directly and indirectly to various targeted activities with school scheme products. School scheme educational measures have also benefit to equipment, knowledge, recipes, diets etc. of this classes. All the target group of school scheme (163 724 children) is involved.</i>
	Lessons, lectures, workshops	719	<i>Home economics class is part of the regular curriculum. The support of the school scheme educational measures contributes directly and indirectly to various targeted activities with school scheme products. School scheme educational measures have also benefit to equipment, study materials, etc. of this classes. All the target group of school scheme (163 724 children) is involved.</i>
	Other activities: competitions, games, themed periods ...	9 122	<i>This part of the activity has involvement of other activities or supportive role to all activities. We confirm that educational measures were offered to all scheme participants and all the children presented in the table (2.1 Participating children) were included similar activities in regular school curriculum or benefited with cooperation educational measures like school garden improvements, tasting classes equipment/recipes; workshop knowledge; etc. We can also confirm that all the school garden activities, workshop materials, equipment will benefit to all the other school children regular curriculum, therefore number of actual beneficiaries under school scheme educational measure is much higher. Number of schoolchildren provided in the table 5.1 present direct activities made by school scheme educational measures with maximum budget allowed 10% EU aid (approx. 174 thousand €). If we need to estimate national/public benefit to similar activities made under regular curriculum, then we can confirm that all the children presented in the table 2.1 are included.</i>

5.2 Theme(s) of the educational measures carried out

		Yes/No	Comments
Theme(s)	Reconnection of children to agriculture	Yes	According to accompanying measures carried out, Milking farms(including organic), gardening farms or industries (cheese) visit, workshops in farms, getting know farm animals etc. Milk product museum workshops and classes.
	Healthy eating habits	Yes	According to accompanying measures carried out: preparing healthy food, cooking classes, promoting healthy food periodically (day, week), mixing products etc.
	Local food chains	Yes	According to accompanying measures carried out: Visiting local farms which are concentrated to producing and marketing of milk products, fruit or vegetable products or combined producing.
	Organic	Yes	According to accompanying measures carried out: Organic food day, organic school gardening practices, seminars, theme days(organic product labelling), visiting organic farms, workshops and discussions in schools.
	Sustainable production	Yes	According to accompanying measures carried out: farm visits, industries visits, seminars, workshop, school gardens etc.
	Food waste	Yes	According to accompanying measures carried out; General approach to make children meet the farms and agricultural areas. Method learning by doing, getting more knowledge from producing is essential to make children start thinking of food chain. Honoring food is best way to increase awareness.
	Other: please specify under comments	No	We have seen the important impact of supporting role of educational measures, not only by material but through actual work fields. Another thing is to mention is transport costs, without support farer places will stay out of visits if there will be less support. Have met recommendation to make a study material or website, but we should ask ourselves is web based solutions really something to promote in this scheme.



6. Communication activities carried out

		Yes/No	Comments
Activity carried out/tool used	Poster at school premises	Yes	Requirements laid down in the Annex to Commission Delegated Regulation (EU) 2017/40 and in national legislation or guidelines
	Poster at other relevant places	No	
	Dedicated website(s)	Yes	Agricultural Registers and Information Board has general website: http://www.pria.ee/et/toetused/valdkond/turukorraldus/koolikava_toetus/ School scheme is implemented through web environment.
	Informative graphic material	Yes	Blog on Ministry of Rural Affairs, periodical reviews(four time in the year).Special cases, changes etc we are also using directed information campaign to all scheme participants.
	Information and awareness campaign (TV, radio, social media)	Yes	Local journalism/radio. Web pages of school and nurseries have information about taking part of EU school scheme, relevant information about products. Food Waste national strategy one activity concentrates to school food and school scheme opportunity. Many other indirect approaches and involvement with different parties.
	Others (e.g. networking activities)	Yes	Combined tool for school food meetings "School Food Roadmap", subsection is school scheme as well. Different key persons gather for future amendments. Ministry of social affairs is responsible.



7. Authorities and stakeholders involved

		Name	Involved in Planning	Involved in Implementation	Involved in Monitoring	Involved in Evaluation	Responsible for implementation / supervision / advice (if yes, please specify for which of those under comments)	Member of Steering / Consultative or Coordination / Monitoring Committee (if yes, please specify which committee or group under comments)	Participation in regular meetings	Events (conferences/seminars, workshops ...) (if yes, please specify which event/s under comments)	Surveys or other information / communication activities, including through web and social media (if yes, please specify which activity/ies under comments)	Other (if yes, please specify under comments)	Comments	
Public authority/ Private stakeholder	Agriculture	Authority	Veterinary and Food Board	No	Yes	No	No	Yes	No	No	No	No	Responsible for product quality and standards supervision	
		Stakeholder	Estonian chamber of Agriculture and Commerce	Yes	No	No	No	No	No	Yes	Yes	No	Yes	Stakeholder from producer and industry side, interested to promote agricultural product consumption and healthy eating habits. Participate regularly at meetings.
	Health and Nutrition	Authority	Ministry of Social Affairs	Yes	No	No	No	No	No	Yes	Yes	No	Yes	Ministry of social affairs is responsible of school food in general therefore important associate member. Indirect (Food waste, school food, nutrition etc) and direct cooperation
		Stakeholder	The National Institute for Health Development	Yes	No	No	Yes	No	No	Yes	Yes	Yes	Yes	National Institute for Health Development is unit of Ministry of Social Affairs, has been on of the monitoring institution for School Fruit and Vegetable scheme, also nutrition important part of their responsibilities.
	Education	Authority	Ministry of Education and Research	Yes	No	Yes	Yes	No	No	Yes	Yes	No	No	https://www.haridussilm.ee/en Associate member in school study programs, involved in regular meetings.
		Stakeholder	School food association	Yes	No	No	No	No	No	Yes	Yes	No	No	Currently in progress as School Roadmap member, https://koolitoiduliiit.ee/uumlrituded-ja-projektid.html
	Other	Authority	Agricultural Registers and Information Board	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	No	Paying agency, scheme implementation, monitoring and statistical database.
		Stakeholder	Tartu University Research Centre	Yes	No	No	Yes	No	No	No	No	No	Yes	First school scheme evaluation process performer.