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Health Protection Inspectorate

Nakkus- ja parasiithaigused Eestis
(statistikaandmed)

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Communicable Disease Statistics in Estonia
Part 5

-1999-

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Health Protection Inspectorate

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Eessõna

Käesolevasse kogumikku võetud arvandmeid on kogutud riikliku järelevalve korras ja neid säilitatakse Tervisekaitseinspeksioonis. Täiendavaid andmeid poliomüeliidi kohta on saanud Arnold Jannuse, Toomas Kuslapi, Kuulo Kutsari, Viivi Lipu, Eerik Saarnoka ja Raul Vodja töödest ning kogumikust „Борьба с полиомиелитом в Эстонской ССР“ (vastutav toimetaja A. Jõgiste), Tallinn, 1968, 279 lk.

Kaitsepookimise korraldus

Poliomüeliit

Kaitsepookimist alustati 1957. aastal. Sellel ja järgmisel aastal kasutati inaktiveeritud poliovaktsiini (IPV). Suuremates linnades ja mõnes rajoonis kaitsepoogiti lapsi vanuses 6 kuud ja 7 aastat. Vaktsineerimiseks manustati IPV-d kaks korda, revaktsineerimise puhul üks kord.

1959. a. võeti kasutusele poliomüeliidi elusvaktsiini (OPV). Seda vaktsiini hakati kasutama epideemia olukorras, mis määras kaitsepookimise taktika. Peeti otstarbekaks kaitsepookida inimesi kampaaniaviisi, et luua laialdane immuunsus-taust lühikese aja vältel. Vastavaid kampaaniaid korraldati 1970. aastani. Esimene kampaania toimus 1959. a. kahes voorus. Esimeses voorus kasutati polio I tüüpi monovaktsiini ja teises voorus ühe kuu pärast trivaktsiini (polio I+II+III). Kaitse-poogiti 82% lastest vanuses 3 kuud kuni 18 aastat ja 43% täiskasvanutest vanuses 18-45 aastat.

Sama skeemi järgi toimus kampaania 1960. aastal. Siis kaitsepoogiti 67% inimestest vanuses 6 kuud kuni 45 aastat, kusjuures 75%-le nendest oli see esimene revaktsinatsioon.

1961. a. toimus kolmas lauskaitsepookimine kahes voorus. Erinevalt eelnenud kampaaniatest kasutati esimeses voorus polio I+III tüüpi vaktsiini. Teises voorus kasutati trivaktsiini. Hõlmati 70% inimestest vanuses 3 kuud kuni 45 aastat. 73% nendest loeti teistkordselt revaktsineerituks.

Ajavahemikul 1962-1968. a. täiskasvanuid ei kaitsepoogitud. Vähendati ka kaitsepoogitavate laste kontingenti. Lapsi kaitsepoogiti trivaktsiiniga kahes voorus. 1962-1963. a. kaitsepoogiti lapsi vanuses kuni 18 aastat ja hõlmati nendest 1962. a. 86% ja 1963. a. 82%. Kaitsepookimisele kuuluvate laste arvu vähendati ka 1964-1965. a, siis kaitsepoogiti lapsi vanuses kuni 10 eluaastat ja hõlmati nendest 1964. a. 95% ja 1965. a. 99%.

1966. a. aprillis kaitsepoogiti lapsi vanuses 2 kuud kuni 7 aastat, samuti 1., 4., 8. ja 10 klasside õpilasi ning kõrgkoolide esmakursuslasi. Teine voor toimus augustis. Siis piirutati 2 kuu – 7 aasta vanuste laste kaitsepookimisega.

1970. a. loobuti kampaaniaviisilisest kaitsepookimisest ja sätestati kord, mille järgi lapsi hakati kaitsepookima sõltuvalt vanusest. Vaktsineerima hakati 2.-8. elukuul. Sel ajavahemikul manustati lastele kolm korda OPV-d kolmekuuliste intervallidega. Revaktsinatsioonid toimusid vanuses 2 aastat (I), 3 aastat (II), 7-8 aastat (III) ja 15- 16 aastat (IV). Esimese ja teise revaktsineerimise puhul manustati OPV-d kolm korda kahekuuliste vaheaegadega. Kolmanda ja neljanda revaktsineerimise korral anti OPV-d üks kord.

1973. a. muudeti mõnevõrra kaitsepookimise korda. Lisandus üks revaktsineerimine, mida teostati esimesel eluaastal. Sel puhul anti OPV kolm korda kolme-kuuliste vaheaegadega.

Teisel revaktsineerimisel (vastavalt vanuses 1-2 a. ja 2-3 a.) hakati OPV-d andma ainult kaks korda.

Viimase skeemi kohaselt kaitsepoogiti lapsi ka taasiseseisvunud Eestis kuni 1993. aasta lõpuni. Alates 1994. aastast vaktsineeritakse lapsi 3-6. elukuul kolme OPV doosiga (vaheaegadega 1,5 kuud). Revaktsineerimine toimub 2. ja 6.-7. eluaastal. Mõlemal korral antakse lastele üks doos vaktsiini.

Aeg-ajalt on immuniseeritud ka täiskasvanuid. Pärast 1959.-1961. a. kampaaniat kaitsepoogiti täiskasvanuid veel 1969. a. (hõlmati 56%), 1974. a. (hõlmati 58%) ja 1983. a. (hõlmati 53%). Täiskasvanute kaitsepookimine oli epideemiatõrje seisukohalt põhjendatud, sest neil aastail oli inimeste immigratsioon teistest liiduvabariikidest Eestisse suur.

Täheldati mõne kaitsepoogitud lapse haigestumist. 1957. a. haigestus 5 kaitsepoogitud (IPV) last. 1958. a. haigestus 49 kaitsepoogitud (IPV) last, nendest elas Tallinnas 28, Tartus 12, Tartu rajoonis 7 ja Põltsamaa rajoonis 2. 1959. a. haigestus 5 kaitsepoogitud last. Nendest 4 oli vaktsineeritud elusvaktsiiniga (OPV) ja üks inaktiveeritud (IPV) vaktsiiniga. 1960. a. haigestus 5 inimest. Nendest neli olid 1959. a. vaktsineeritud ja 1960. a. revaktsineeritud elusvaktsiiniga (OPV). Üks haige oli vaktsineeritud 1959. a. inaktiveeritud vaktsiiniga ja revaktsineeritud 1960. a. elusvaktsiiniga.

Epidemioloogiline seire. Pärast 1961. a. jätkati haigestumise jälgimist epidemioloogilise järelevalve korras. Poliomüeliidi kahtluse korral uuriti haigematerjali viroloogiliste ja seroloogiliste meetodite abil. Nii uuriti poliomüeliidi kahtluse tõttu 1965. a. kolme haiget, 1969. a. nelja, 1970. a. kahte, 1971. a. kahte, 1972. a. ühte, 1973. a. kahte, 1974. a. nelja, 1975. a. kahte, 1976. a. ühte, 1985. a. ühte, 1988. a. kolme, 1989. a. ühte ja 1990. a. ühte haiget. Poliomüeliidi diagnoos nendel juhtudel ei kinnitunud. Vastavaid uuringuid on hiljem jätkatud Maailma Tervishoiuorganisatsiooni (WHO) lõtvade halvatusse seireprogrammi raames.

Epidemioloogilise seire korras on perioodiliselt uuritud ka asulate heitvett polioviruste suhtes. Suhteliselt sageli on isoleeritud vaktsiiniviruse tüvesid. „Metsikut“ poliovirust (III tüüp) isoleeriti heitveeproovidest, mis olid võetud ajavahemikul 2.-21. aprillini 1987. a. viie linna (Tallinn, Kohtla-Järve, Rakvere, Viljandi, Kuressaare) kanalisatsioonivõrgustikust. Sellele ei eelnenud, kaasnud ega järgnenud inimeste haigestumist. Leid jäi ainukordseks. Hilisemate uuringutega „metsikut“ poliovirust enam heitveeproovides ei ole avastatud. Isoleeritud „metsikud“ viirustüved olid Helsingis KTL-s toimunud uuringute tulemuste põhjal sarnased 1982. a. Moldovas toimunud poliomüeliidipuhangu korral haigetelt viirustega.

Leetrid

1964-1965. a. kaitsepoogiti leetrite vastu 1-8-aastaseid lapsi, kes elasid vabariiklikes linnades. Kasutati Leningradis valmistatud elusvaktsiini ja Moskvast valmistatud inaktiveeritud vaktsiini. Lapsi kaitsepoogiti ühe vaktsiiniannusega. Tulemused olid ebarahuldavad, sest paljud kaitsepoogitud haigestusid vaatlusaja jooksul. Nende vaktsiinide kasutamisest loobuti.

1967. a. võeti kasutusele Moskva Viiruspreparaatide Instituudis toodetud elusvaktsiin. Samast aastast algas laste järjepidev immuniseerimine leetrite vastu. Vaktsiini manustati ühekordselt.

Kaitsepoogitavate laste kontingent muutus aja jooksul. Aastatel 1967-1972 kaitsepoogiti algul 1-8-aastaseid lapsi, kes elasid vabariiklikes linnades ja ei olnud leetrid põdenud. Seejärel kaitsepoogiti ka maarajoonides elanud lapsi ja suurendati ühtlasi laste hõlmatust kuni 14-aastani.

Ajavahemikul 1973-1979. a. vaktsineeriti 10 kuu vanuseid lapsi. Kuid seoses kaitsepoogitud laste haigestumisega muudeti vaktsineerimise aega: 1980. aastast hakati lapsi kaitsepookima 15.-18. elukuul.

Kaitsepoogitute haigestumise põhjuste tundmaõppimiseks korraldati seroloogilisi uuringuid. Selgus, et paljudel vaktsineeritud puudusid antikehad leetriveriiruse suhtes. Seronegatiivseid lapsi kaitsepoogiti uuesti. Erinevalt vabariiklikes linnades elanud lastest kaitsepoogiti maarajoonide lapsi ilma seroloogilise eeluuringuta. Maarajoonides taasvaktsineeriti neid lapsi, kes olid kaitsepoogitud 10. elukuul, samuti 6-aastaseid lapsi enne kooliminekut. See töökorraldus kestis 1994. aastani, ehkki vaktsiininnappuse tõttu ei olnud teistkordselt kaitsepoogitud laste arv 1991.-1993. a. kuigi suur.

Alates 1994. aastast vaktsineeritakse aastavanuseid lapsi. Samast aastast hakati lapsi korrapäraselt revaktsineerima. Aastail 1994-1996 revaktsineeriti 12-aastaseks saanud lapsi, alates 1997. aastast revaktsineeritakse lapsi 13. eluaastal.

Mumps

Järjepidev kaitsepookimine algas 1981. aastal. Siis vaktsineeriti lapsi 15.-18. elukuul. Revaktsineerimist ei teostatud. Kasutati elusvaktsiini, mida manustati ühekordselt.

Alates 1996. aastast vaktsineeritakse lapsi aastavanuselt. Revaktsineerimine toimub 13. eluaastal.

Punetised

Nõukogude Liidu päevil lapsi punetiste vastu ei kaitsepoogitud. Vaktsineerimine algas 1993. aastal. Kasutatakse elusvaktsiini, mida manustatakse üks kord. Alates 1996. aastast revaktsineeritakse lapsi 13. eluaastal. Punetiste vastu on vaktsineeritud ka noorukeid.

Kasutusel olnud vaktsiinid

Kuni 1992/93. a. olid kasutusel Nõukogude Liidus ja Vene Föderatsioonis toodetud monovaktsiinid. 1992. a. lisandus nendele Euroopa firmade toodangut. 1993. a. sügisest on kasutusel ainult Euroopa firmade vaktsiinid. Nende ostmisel jälgitakse Euroopa Liidu soovitusi.

Monovaktsiinide kõrval hakati 1990-ndatel aastatel kasutama liitvaktsiine, mida saadi humanitaarabina. Nii kasutati 1992. a. leetrite ja punetiste liitvaktsiini (MR) ja 1993. a. leetrite, mumpsi ja punetiste liitvaktsiini (MMR). Hiljem loobuti monovaktsiinidest ja alates 1994. a sügisest on kasutusel MMR-vaktsiin.

OPV oli 1960-1977. a kasutusel komplekts-dražeeena, enne ja pärast seda aga vedelvaktsiinina.

Koostajad on tänulikud firmale Cortec Medical ja dr. Michael Uesson'ile, kes on sponsorina kogumiku kirjastamist toetanud.

Tallinn, aprill 1999. a.

Foreword

Numerical data in the present collection has been collected in national inspection system and it is kept in Health Protection Inspectorate. Additional data on poliomyelitis are got from the works of Arnold Jannus, Toomas Kuslap, Kuulo Kutsar, Viivi Lipp, Eerik Saarnoka, Raul Vodja and from the collection „Campaign Against Poliomyelitis in Estonian SSR“ (in Russian), editor A. Jõgiste, Tallinn, 1968, 270 pages.

Vaccination Arrangement

Poliomyelitis

Vaccination was started in 1957. Inactivated poliovaccine (IPV) was used on this and next year (IPV). In larger cities and some regions children between 6 months and 7 years of age were vaccinated. For vaccination the IPV was administered twice, at revaccination once.

In 1959 was introduced polio live vaccine (OPV). This vaccine was used in circumstanced of an epidemic, which determined tactics of vaccination. Vaccination of people for teaching immunity in short time was considered to be practical in campaigns. Corresponding campaigns were organised until the year 1970.

First campaign took place in 1959 on two turns. On the first turn polio I type monovaccine was used and on the second turn in two months time trivaccine (polio I+II+III) was used. Vaccinated were 82% of the children at age from 3 months to 18 years and 43% of adults at the age between 18 and 45 years.

1960 campaign was carried out according to the same scheme. Then were vaccinated 67% of the people at age from 6 months to 45 years, whereas for 75% of them it was the first revaccination.

In 1961 took place the third thorough vaccination in two turns. Unlike at previous campaigns this time polio I+III type vaccine was used at the first turn. At the second turn trivaccine was used. 70% of people at the age from 3 months to 45 years were covered. 73% of them were considered to be revaccinated second time. Adult were not vaccinated in the period of 1962 – 1968. Contingent of children to be vaccinated was reduced. Children were vaccinated with trivaccine in two turns. In 1962-1963 were vaccinated children at age up to 18 years and of them were covered 86% in 1962 and 82% in 1963. Number of children to be vaccinated was reduced also in 1964-1965. Then children at age up to 10 years were vaccinated and coverage was 95% in 1964 and 99% in 1965.

In April 1966 were vaccinated children at age from 2 months to 7 years, also 1st, 4th, 8th, 10th from pupils and first-year students of higher schools. Second round took place in August. Then it was limited to vaccination of children at age from 2 months – 7 years.

In 1970 vaccination by campaigns was given up and a procedure was established, according to which children were vaccinated depending on their age. Vaccination was started at the age from 2 – 8 months. In this period of time OPV was administered to children three times at intervals of 3 months. Revaccinations took place at the ages of 2 years (I), 3 years (II), 7-8 years (III) and 15-16 years (IV). At the first and second revaccinations OPV was administered three times at two months intervals. At third and fourth revaccinations OPV was given once.

In 1973 the procedure of vaccination was somewhat changed. One revaccination was added, which was carried out on the first year of life. On this occasion OPV was given three times at the intervals of three months.

In 1980 OPV administration frequency was reduced. Children were vaccinated with three OPV doses as before, but revaccination times were reduced to four. At the first and second revaccinations (accordingly at the ages of 1-2 yr. and 2-3 yr.) OPV was given only two times.

According to the last scheme children were vaccinated also until the end of 1993, after Estonia regaining independence. Since 1994 children at the age of 3-6 months are vaccinated with three doses of OPV (with intervals 1,5 months). Revaccination takes place at the 2nd and 6th-7th year of life. At the both times children are given one dose of vaccine.

From time to time also adults are immunized. After the 1959-1961 campaign adults were vaccinated in 1969 (coverage 56%), 1974 (coverage 58%) and 1983 (coverage 53%). Vaccination of adults was epidemiologically substantiated because in these years immigration of people from other Soviet republics to Estonia was considerable.

Some vaccinated children falling ill was observed. In 1957 5 vaccinated (IPV) children fell ill. In 1958 fell ill 49 vaccinated (IPV) children, of them 28 were living in Tallinn, 12 in Tartu, 7 in Tartu region and 2 in Põltsamaa region. In 1959 5 vaccinated children fell ill. Of them 4 were vaccinated with live vaccine (OPV) and one with inactivated (IPV) vaccine. In 1960 5 people fell ill. Of them 4 were vaccinated in 1959 and revaccinated in 1960 with live vaccine (OPV). One patient was vaccinated in 1959 with inactivated vaccine and revaccinated in 1960 with live vaccine.

Epidemiological surveillance. After 1961 morbidity surveillance was conducted in a way of epidemiological supervision. In case of suspected poliomyelitis patient-material was investigated by way of virological and serological methods. Thus in 1965 three patients were examined on account of suspected poliomyelitis, in 1969 – 4, 1970 – 2, 1971 – 2, 1972 – 1, 1973 – 2, 1974 – 4, 1975 – 2, 1976 – 1, 1985 – 1, 1988 – 3, 1989 – 1 and in 1990 – 1 patient. Poliomyelitis diagnosis was not confirmed in these cases. Corresponding studies have been continued later in the framework of World Health Organization (WHO) Flaccid Paralysis Surveillance Program.

Settlements waste water has been also investigated for polio viruses in a way of epidemiological surveillance. Vaccine virus strains have been relatively often isolated.

Wild poliovirus (type III) was isolated from the waste water tests which were taken between the period of 2 – 21 April 1987 from the sewerage of five cities (Tallinn, Kohtla-Järve, Rakvere, Viljandi, Kuressaare). It was neither preceded, accompanied nor followed by people falling ill. The finding remained a single case. In course of later investigations wild polioviruses were not discovered any more in wastewater tests. Isolated wild virus strains were resembling according to the carried out in Helsinki National Public Health Institute investigations to the viruses isolated from the Moldova 1982 poliomyelitis outbreak patients.

Measles

In 1964-1965 were vaccinated 1-8 yr. old children living in republican cities. At the vaccinations were used produced in Leningrad live vaccine and produced in Moscow inactivated vaccine. Children were vaccinated with one vaccine dose. Results were unsatisfactory because many of the vaccinated children fell ill during surveillance period. Use of these vaccines was abandoned.

In 1967 was introduced a live vaccine produced in the Moscow Institute of Virus Preparations. From the same year was started continuous immunization of children against measles. Vaccine was administered singly.

With time passing the contingent of vaccinated children changed. In the years 1967-1972 were vaccinated at first 1-8 yr. children who lived in republican cities and had not suffered from measles. Thereafter were vaccinated also the children who lived in rural regions and children's coverage was increased, including 14 yr. old ones.

In the period of 1973 – 1979 were vaccinated 10 months old infants. But the vaccination time was changed in connection with falling ill of vaccinated children: beginning from 1980 children were vaccinated on the 15th – 18th month of life.

Serological investigations were arranged for getting to know reasons of falling ill of vaccinated persons. It appeared that at many vaccinated persons were missing antibodies in respect of measles virus. Seronegative children were vaccinated again.

Apart from the children living in republican cities children in rural regions were vaccinated without preliminary serological investigation. In rural regions were revaccinated these children who had been vaccinated at the 10th month of life and also 6-year old children before school going. This work arrangement continued until the year 1994, although for vaccine shortage the number of children vaccinated second time in 1991-1993 was not at all big. Beginning from the year 1994 one-year old children were vaccinated. From the same year children were regularly revaccinated.

In the years 1994-1996 were revaccinated children who reached age of 12 years, beginning from the year 1997 children were revaccinated at the 13th year of life.

Mumps

Steady vaccination was started in 1981. Then children were vaccinated at 15th-18th month of life. Revaccination was not carried out. Live vaccine was used, which was administered singly.

Beginning from 1996 children are vaccinated at the age of one year. Revaccination takes place at 13th year of life.

Rubella

In Soviet days children were not vaccinated against rubella. Vaccination was started in 1993. Live vaccine is used, which is administered one time. Beginning from the year 1996 children are revaccinated at the age of 13. Against rubella have been vaccinated also teenagers.

Vaccines in use

Until 1992/93 were in use produced in the Soviet Union and Russian Federation monovaccines. Beginning from the autumn of 1993 are used only vaccines of European firms. At their purchasing are followed EU recommendations. Alongside of monovaccines in 1990-s was started use of composite vaccines, which were got in a way of humanitarian aid. So in 1992 was used measles and rubella composite vaccine (MR) and in 1993 measles, mumps and rubella composite vaccine (MMR). Later monovaccines were given up and beginning from autumn of 1994 MMR vaccine has been in use.

OPV was in 1960-1977 used as candy-drops, before and after as liquid vaccine.

Compilers are grateful to the firm Cortec Medical and Dr. Michael Uesson who have, as sponsors, supported publication of the collection.

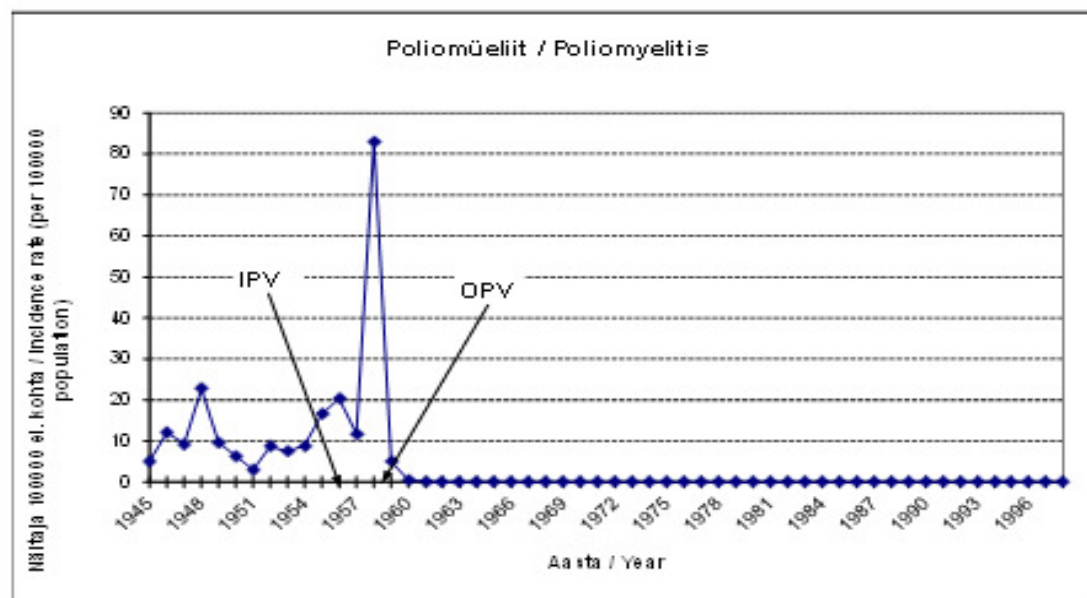
April 1999, Tallinn

Poliomüeliit (ICD-10, A80)

Poliomyelitis (ICD-10, A80)

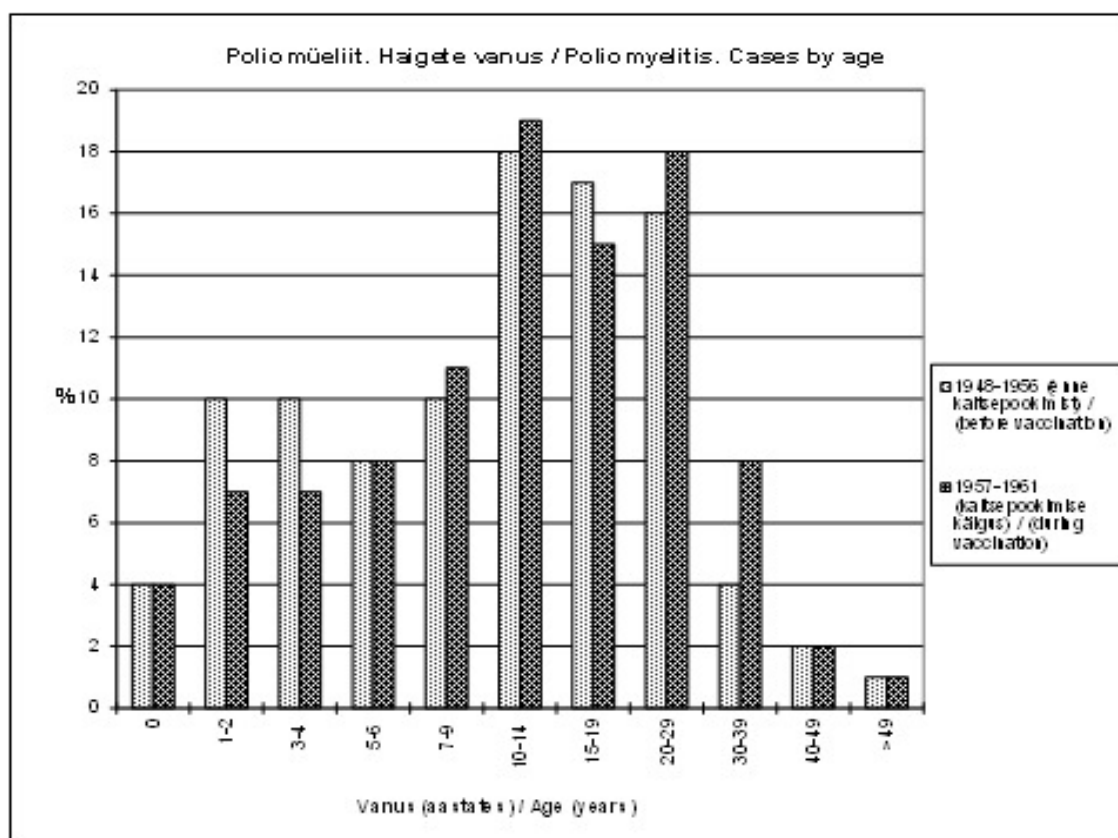
Poliomüeliit. Üldandmed haigestumise kohta
Poliomyelitis. Cases and incidence rate

Aasta Year	Haigete arv Cases No.	Näitaja 100000 el. kohta Incidence rate (per 100000 population)	Haigete sugu Cases by gender				Haigete elukoht Cases by residence			
			Mehed Males	%	Naised Females	%	Linnas Urban	Näitaja 100000 el. kohta Incidence rate (per 100000 population)	Maal Rural	Näitaja 100000 el. kohta Incidence rate (per 100000 population)
1945	44	5,2					3	12	41	7
1946	118	12,1					42	17	74	12
1947	90	9,4					28	8	62	12
1948	244	22,7	102	42	142	58	35	10	209	42
1949	104	9,6	58	54	48	46	49	14	55	11
1950	70	6,4	39	56	31	44	44	8	26	4
1951	34	3,0	17	50	17	50	15	2	19	3
1952	98	8,7	52	53	46	47	69	12	29	5
1953	84	7,4	44	52	40	48	42	7	42	8
1954	103	9,0					65	10	38	7
1955	193	16,7					63	10	130	25
1956	238	20,3					71	11	165	32
1957	139	11,8					34	5	105	20
1958	988	83,2					625	94	361	69
1959	60	5,0					33	5	27	5
1960	6	0,5	4		2		5	0,7	1	0,2
1961	2	0,2	2		0				2	0,4
1962-1998	0	0								



Poliomüeliit. Haigete vanus
 Poliomyelitis. Cases by age

Aasta / Year	Vanus (aastates) / Age (years)										
	0	1-2	3-4	5-6	7-9	10-14	15-19	20-29	30-39	40-49	>49
1945											
1946											
1947											
1948	4	17	22	15	31	59	38	43	10	4	1
1949	2	13	12	11	8	12	13	22	8	2	1
1950	5	7	6	4	8	12	12	11	4	1	
1951	3	4	5	1	3	5	10	2	1		
1952	8	10	9	8	16	15	7	14	8	3	
1953	3	13	7	8	5	10	20	11	4	3	
1954											
1955											
1956	8	23	27	26	21	41	45	34	4	5	2
1957	14	15	15	13	17	19	23	16	6	1	
1958	31	65	63	81	112	191	134	185	88	26	10
1959	4	8	1	2	2	12	18	9	3	1	
1960		2	2		1		1				
1961	1				1						
1962- 1966											



Poliomüeliit. Haigestumus piirkondade järgi
Poliomyelitis. Incidence rate by districts

Piirkond / District	Aasta / Year							
	1945	1946	1947	1948	1949	1950	1951	1952*
Tallinn	2	6	8	35	7	16	9	29
Tartu	1	21	14	8	10	5	4	22
Narva						2		
Ida-Virumaa	-	-	-	-	18	5	2	6
Pärnumaa		1	2	48	10	7	3	
Läänemaa		3	1	2	1	1	1	3
Harjumaa	1	11	20	11	9	1	2	
Hiiumaa			1	1				
Jõgevamaa						3	4	
Saaremaa				17				
Järvamaa	1	11	4	17	11	4	2	
Põlvamaa						2	1	4
Lääne-Virumaa	-	-	-	-	1	1		
Raplamaa						2	2	
Tartumaa	1	8	21	27	5	3		
Valgamaa	8	20	7	1	7	10	2	5
Viljandimaa	3	13	7	43	20	3	2	
Võrumaa	22	7	2	18	5	5		4
Virumaa	5	15	3	18	-	-	-	-
Kokku	44	116	90	244	104	70	34	98

Märkus: * mõne piirkonna kohta andmed puuduvad

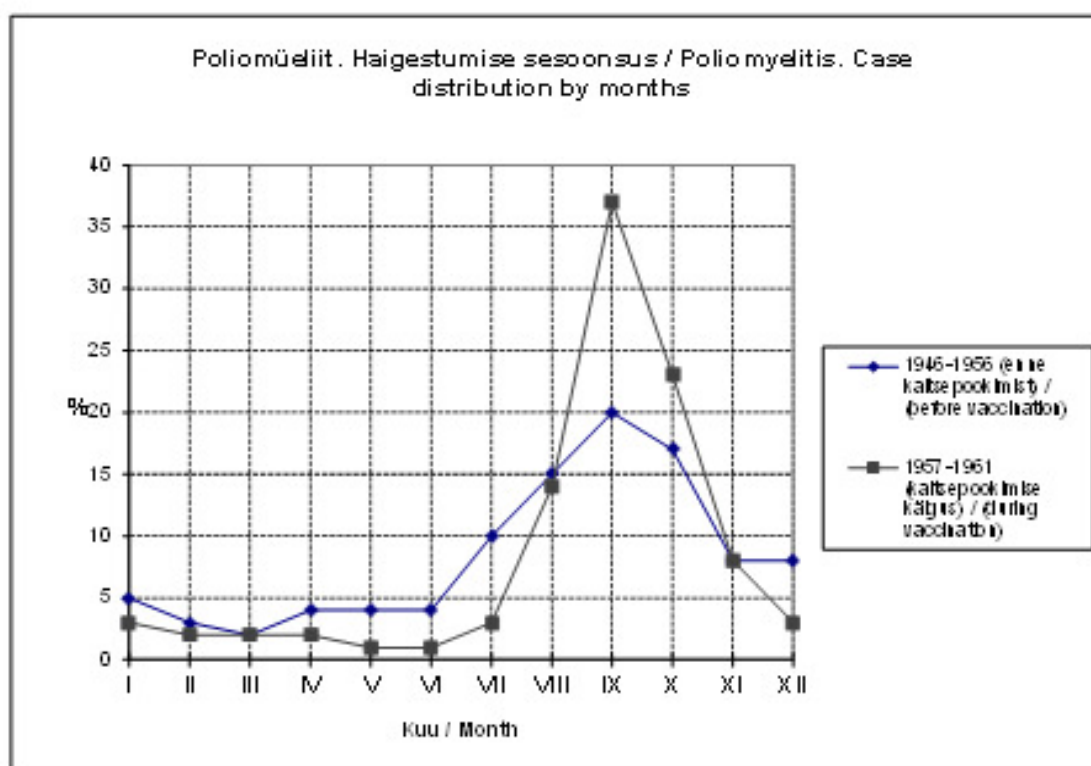
Notice: * In respect of some districts data is missing

Poliomüeliit. Haigestumus piirkondade järgi
Poliomyelitis. Incidence rate by districts

Piirkond / District	Aasta / Year								
	1953	1954	1955	1956	1957	1958	1959	1960	1961
Tallinn	11	40	39	75	56	79	6	1	
Tartu	13	5	23	23	12	248	5	1	
Narva			4	3	4	1	1	1	
Ida-Virumaa	5	3	9	16	4	24	1	1	
Pärnumaa	11	8	34	4	7	7	2		
Läänemaa	2	4	4	9		8	2		
Harjumaa	2	20	10	14	24	25	4	1	
Hiiumaa		1							
Jõgevamaa	1	5	7	13	1	224	2		
Saaremaa	1		17	17	3				
Järvamaa		3	15	2	5	4			
Põlvamaa	1		2	30		20	3		
Lääne-Virumaa	2	3	3	3	4	33	9		
Raplamaa	4	4	1		4	5	1		
Tartumaa	2	1	11	2	2	158			
Valgamaa	6					74	3		2
Viljandimaa	22	5	14	11	1	35	12	1	
Võrumaa	1	1		14	12	41	9		
Kokku	84	103	193	236	139	986	60	6	2

Poliomüeliit. Haigestumise sesoonsus
Poliomyelitis. Case distribution by months

Aasta / Year	Kuu / Month											
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1945								24	7	4	6	3
1946	3	3	1	1	3	4	6	23	36	15	8	13
1947	8	7	4	3	3	6	15	7	13	9	6	9
1948	4	9	5	23	9	11	48	50	43	25	8	9
1949	11	1	6	6	12	10	10	18	12	5	6	7
1950	6	3	3	8	6	3	3	4	12	11	5	6
1951		1		2	1			3	2	9	4	12
1952	4		6	1	7	6	13	15	17	10	12	7
1953	8	2	2	5	6	1	10	8	10	7	7	18
1954	3	3	3	1	3	7	13	22	25	16	4	3
1955	4	2		3	4	3	7	16	58	58	27	13
1956	13	5	1	3	2	10	15	39	46	65	27	10
1957	5	12	6	9	5	7	17	20	28	15	5	10
1958	8	2	6	8	3	5	19	150	405	268	90	24
1959	24	11	6	4	2	4	1	1	3	1		3
1960			2		1		1		1	1		
1961	1											1
1962-1998												

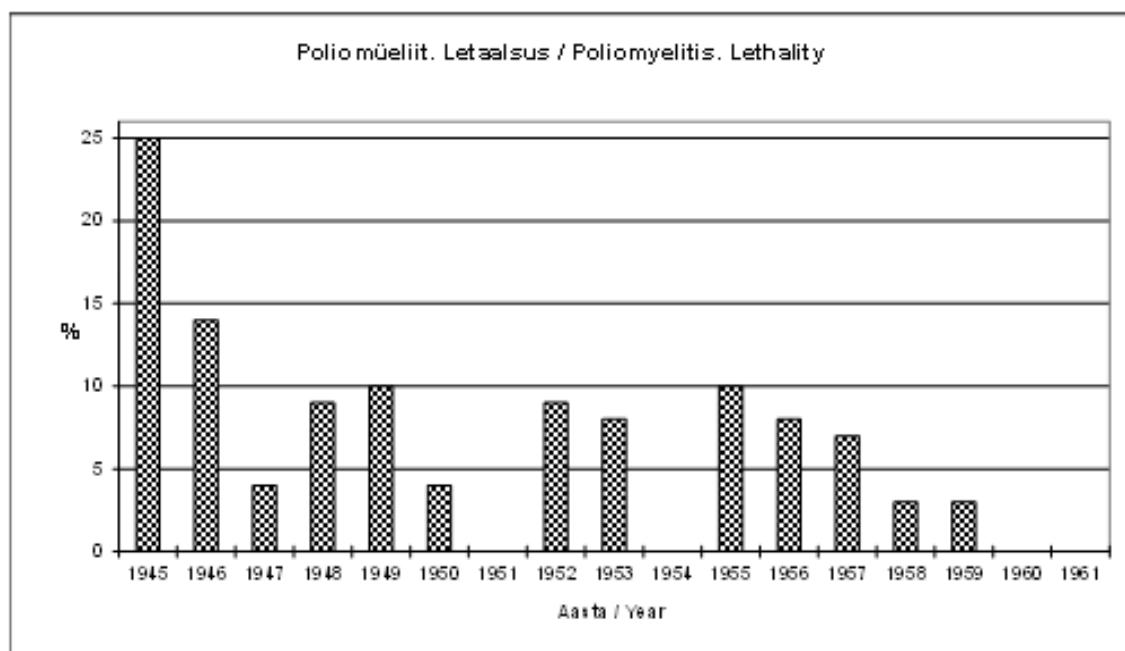


Poliomüeliit. Surmajuhud
Poliomyelitis. Fatal cases

Aasta / Year	Surma- juhtude arv / Fatal cases	Vanus (aastates) / Age (years)											
		0	1-2	3-4	5-6	7-9	10-14	15-19	20-29	30-39	40-49	50-59	>59
1945	11												
1946	16												
1947	4				1			2	1				
1948	22		1	2	1	1	5	4	7	1			
1949	10						1	4	3	2			
1950	3					1	1		1				
1951	0												
1952	9			1	1			1	5		1		
1953	7				2		2		2		1		
1954													
1955	19												
1956	19			1	4	1	3	3	6		1		
1957	10		1		1		2	2	1	1	2		
1958 ~	30	1	4	3	1	3	2	3	3	2	1		1
1959	2								1	1			
1960	0												
1961	0												

Märkus: haigete vanus on teada osaliselt

Notice: Age of patients is known partially



Poliomüeliit. Kaitsepoogitud inimeste arv
Poliomyelitis . Number of vaccinated persons

Aasta / Year	Vaktsineeritud inimeste arv / No. of vaccinated persons	Revaktsineeritud inimeste arv / No. of revaccinated persons	Kaitsepoogitud inimeste arv kokku / Total No. of vaccinated persons
1957	16 603		16 603
1958	77 692	15 696	93 388
1959	631 265		631 265
1960	230 986	382 588	613 574
1961	92 267	756 180	848 447
1962	18 687	347 523	366 210
1963			342 726
1964	29 767	195 812	225 579
1965	9 833	196 159	205 992
1966	48 745	87 772	136 517
1967	28 357	95 237	123 594
1968	29 967	102 797	132 764
1969	21 901	717 600	739 501
1970	24 244	86 613	110 857
1971	23 529	88 878	112 407
1972	22 867	86 965	109 832
1973	22 614	82 553	105 167
1974	20 599	801 860	822 459
1975	19 069	94 500	113 569
1976	19 932	92 028	111 960
1977	19 346	91 841	111 187
1978	18 590	88 980	107 570
1979	18 660	80 610	99 270
1980	21 943	72 033	93 976
1981	20 269	70 782	91 051
1982	21 586	71 329	92 915
1983	22 331	784 670	807 001
1984	23 524	75 109	98 633
1985	25 866	76 789	102 655
1986	25 230	79 148	104 378
1987	25 515	83 584	109 099
1988	23 668	77 165	100 833
1989	22 181	77 097	99 278
1990	21 871	78 287	100 158
1991	24 477	81 136	105 613
1992	19 080	66 148	85 228
1993	16 566	47 237	63 803
1994	20 185	71 227	91 412
1995	17 075	30 557	47 632
1996	17 426	32 196	49 622
1997	14 685	24 485	39 170
1998	14 283	26 658	40 941

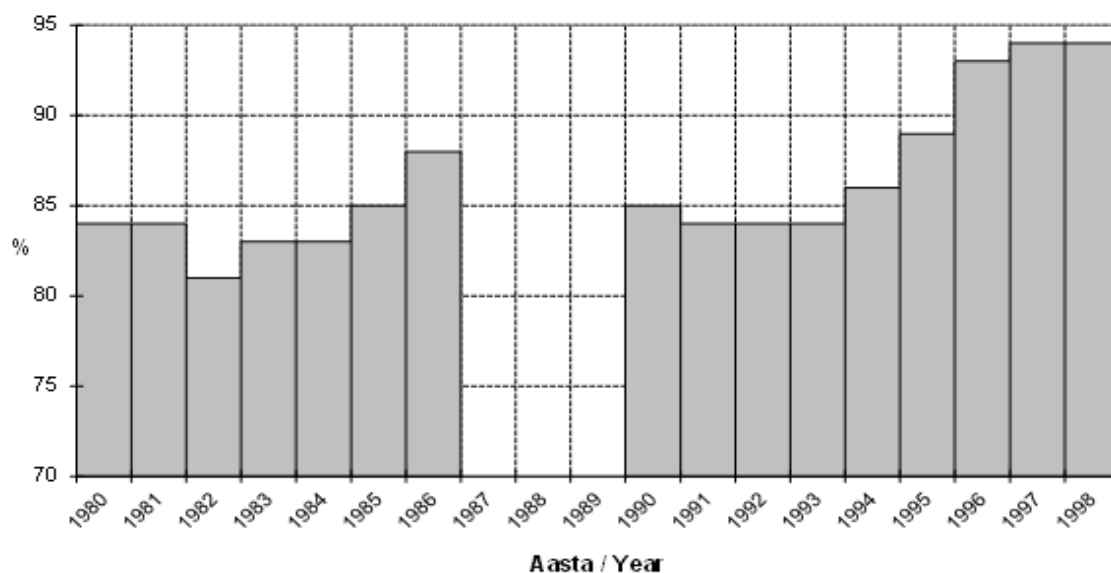
Poliomüeliit. Laste hõlmatus kaitsepookimisega
Poliomyelitis . Coverage of children with immunization

Aasta / Year	Laste arv / Number of children		Vaktsineeritud 2-a. lapse / Vaccinated 2-y old		Vaktsineeritud 0-14-a. lapse / Vaccinated 0-14 y old		1-14 a. laste arv / Number of children 1-14 y old	Revaktsineeritud 1-14 a. lapse / Revaccinated 1-14 y old		2-14 a. laste arv / Number of children 2-14 y old	Revaktsineeritud 2-14a. lapse / Revaccinated 2-14 y old		7-14 a. laste arv / Number of children 7-14 y old	Revaktsineeritud 7-14a. lapse / Revaccinated 7-14 y old	
	0-14 a / y	2 a / y	arv / No	%	arv / No	%		arv / No	%		arv / No	%		arv / No	%
1980	310 459	20 828	17 480	84	276 936	89	289 854	247 673	85	268 837	221 796	82	165 016	145 169	88
1981	315 255	21 071	17 653	84	281 962	89	294 353	250 911	85	273 230	223 570	82	167 842	149 989	89
1982	319 196	21 549	17 562	81	280 738	88	298 071	251 064	84	276 343	228 093	82	169 730	151 131	89
1983	321 098	21 744	18 082	83	283 824	88	299 194	249 850	83	277 591	221 399	80	170 954	152 494	89
1984	324 526	21 460	17 883	83	287 781	89	302 629	253 690	84	280 522	225 178	80	173 971	151 202	87
1985	328 048	22 394	18 965	85	293 382	90	306 602	256 307	84	284 225	226 755	80	175 381	151 393	86
1986	331 031	23 091	20 235	88	299 622	90	309 477	261 037	84	286 961	229 533	80	174 359	148 669	85
...															
1990	332 276	23 362		85		89	311 780		83			79			76
1991	336 251	23 262	19 616	84	303 866	90	318 061	265 924	84						
1992	317 364	20 726	17 368	84	286 072	90	300 796	250 102	83	282 655	212 735	75	172 482	146 379	84
1993	306 692	17 959	15 150	84	277 700	90	292 523	243 650	83	275 580	204 601	74	169 850	125 134	73
1994	297 758	16 943	14 651	86	275 322	92				270 130	242 622	90	193386*	175867*	91*
1995	289 310	14 630	12 987	89	269 801	93				263 319	238 117	90	193406*	174337*	90*
1996	280 040	13 469	12 514	93	264 627	94				254 859	235 654	92	192400*	172754*	90*
1997	271 148	12 904	12 139	94	257 334	95				246 721	230 035	93	171 595	158 586	92
1998	260 204	12 853	12 098	94	246 764	95				236 891	220 449	93	166 733	151 059	91

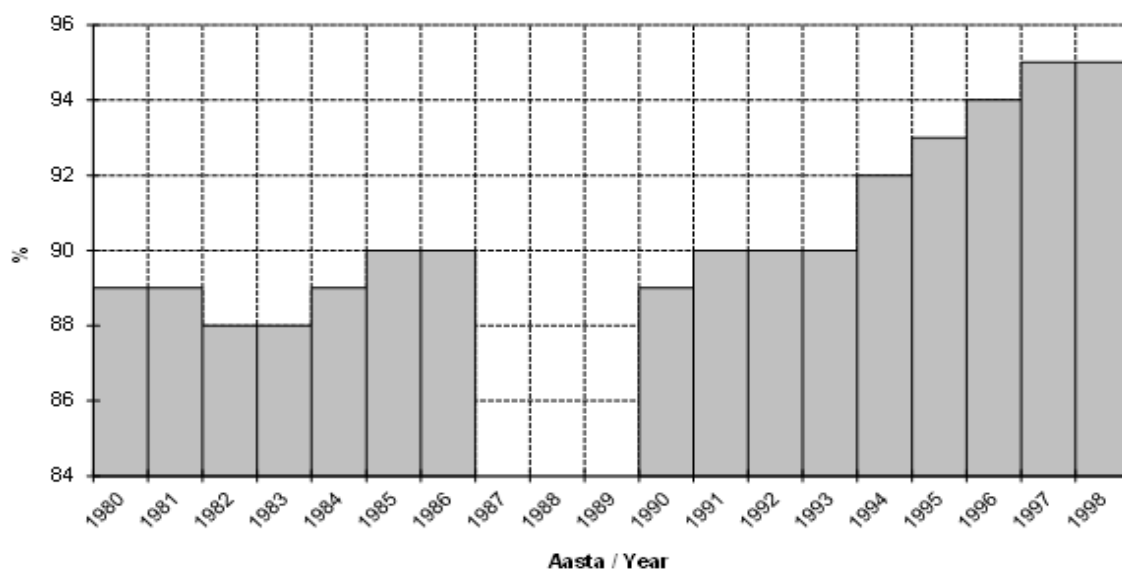
Märkus: * 1994-1996.a. andmed on 6-14-aastaste laste revaktsineerimise kohta

Notice: * 1994-1996 data on revaccination of 6-14 yrs. old children

**Poliomüeliit. Kaheaastaste laste hõlmatus kaitsepookimisega /
Poliomyelitis. Coverage of two-year old children with immunization**



**Poliomüeliit. 0-14-a. laste hõlmatus kaitsepookimisega /
Poliomyelitis. Coverage of 0-14 years children with immunization**



Poliomüeliit. Laste hõlmatus kaitsepookimisega 1980. a.
Poliomyelitis. Coverage of children with immunization in 1980

Vanus (aastates) / Age (years)	Laste arv / No of children	Vaktsineeritud / Vaccinated		Revaktsineeritud (I) / Revaccinated (I)		Revaktsineeritud (II) / Revaccinated (II)		Revaktsineeritud (III) / Revaccinated (III)	
		Laste arv / No of children	%	Laste arv / No of children	%	Laste arv / No of children	%	Laste arv / No of children	%
0	20 605	6 912	33						
1	21 017	14 934	71	6 351	30				
2	20 828	17 480	84	11 649	56	6 242	30		
3	21 112	18 891	89	15 649	74	10 765	51		
4	20 842	19 315	93	17 285	83	14 080	68		
5	20 459	19 380	95	18 227	89	16 258	80		
6	20 580	19 497	95	19 159	93	17 850	87		
7	22 377	21 805	97	21 440	96	20 777	93	14 572	65
8	21 596	21 082	98	20 972	97	20 608	95	19 463	90
9	21 687	21 206	98	21 064	97	20 636	95	20 027	92
10	21 204	20 727	98	20 641	97	20 431	96	19 776	93
11	20 780	20 241	97	20 107	97	19 855	96	19 382	93
12-14	57 372	55 466	97	55 129	96	54 294	95	51 949	91
0-14	310 459	276 936	89						
1-14	289 854			247 673	85				
2-14	268 837					221 796	82		
7-14	165 016							145 169	88

Poliomüeliit. Laste hõlmatus kaitsepookimisega 1981. a.
Poliomyelitis. Coverage of children with immunization in 1981

Vanus (aastates) / Age (years)	Laste arv / No of children	Vaktsineeritud / Vaccinated		Revaktsineeritud (I) / Revaccinated (I)		Revaktsineeritud (II) / Revaccinated (II)		Revaktsineeritud (III) / Revaccinated (III)	
		Laste arv / No of children	%	Laste arv / No of children	%	Laste arv / No of children	%	Laste arv / No of children	%
0	20 902	5 876	28						
1	21 123	15 433	73	4 779	23				
2	21 071	17 653	84	11 379	54	5 094	24		
3	21 006	18 896	90	15 997	76	10 261	49		
4	21 388	19 815	93	17 788	83	14 088	66		
5	21 236	20 313	96	19 170	90	16 634	78		
6	20 687	19 936	96	19 283	93	17 611	85		
7	22 460	21 922	98	21 573	96	20 810	93	14 914	66
8	21 795	21 287	98	21 144	97	20 461	94	19 179	88
9	21 860	21 387	98	21 131	97	20 925	96	20 235	93
10	21 748	21 244	98	21 089	97	20 844	96	20 422	94
11	21 838	21 297	98	21 158	97	20 959	96	20 583	94
12-14	58 141	56 903	98	56 420	97	55 883	96	54 656	94
0-14	315 255	281 962	89						
1-14	294 353			250 911	85				
2-14	273 230					223 570	82		
7-14	167 842							149 989	89

Poliomüeliit. Laste hõlmatus kaitsepookimisega 1982. a.
Poliomyelitis. Coverage of children with immunization in 1982

Vanus (aastates) / Age (years)	Laste arv / No of children	Vaktsineeritud / Vaccinated		Revaktsineeritud (I) / Revaccinated (I)		Revaktsineeritud (II) / Revaccinated (II)		Revaktsineeritud (III) / Revaccinated (III)	
		Laste arv / No of children	%	Laste arv / No of children	%	Laste arv / No of children	%	Laste arv / No of children	%
0	21 125	5 262	25						
1	21 728	14 998	69	3 879	18				
2	21 549	17 562	81	11 410	53	4 781	22		
3	21 386	18 783	88	15 605	73	10 703	50		
4	21 122	19 206	91	17 500	83	14 611	69		
5	21 438	19 952	93	19 031	89	16 597	77		
6	21 118	19 980	95	19 424	92	19 246	91		
7	22 102	21 268	96	21 096	95	20 132	91	13 591	61
8	21 144	20 415	97	20 279	96	20 005	95	19 181	91
9	21 371	20 846	98	20 649	97	20 463	96	19 569	92
10	21 809	21 213	97	21 118	97	20 891	96	20 177	92
11	21 798	21 150	97	21 072	97	20 798	95	20 197	93
12-14	61 506	60 103	98	60 001	98	59 866	97	58 416	95
0-14	319 196	280 738	88						
1-14	298 071			251 064	84				
2-14	276 343					228 093	82		
7-14	169 730							151 131	89

Poliomüeliit. Laste hõlmatus kaitsepookimisega 1983. a.
Poliomyelitis. Coverage of children with immunization in 1983

Vanus (aastates) / Age (years)	Laste arv / No of children	Vaktsineeritud / Vaccinated		Revaktsineeritud (I) / Revaccinated (I)		Revaktsineeritud (II) / Revaccinated (II)		Revaktsineeritud (III) / Revaccinated (III)	
		Laste arv / No of children	%	Laste arv / No of children	%	Laste arv / No of children	%	Laste arv / No of children	%
0	21 904	4 646	21						
1	21 603	14 887	69	3 110	14				
2	21 744	18 082	83	10 074	46	3 406	16		
3	21 298	18 991	89	15 110	71	9 110	43		
4	21 076	19 428	92	17 349	82	12 926	61		
5	21 205	19 955	94	18 619	88	15 534	73		
6	21 314	20 411	96	19 577	92	17 003	80		
7	22 558	21 879	97	21 437	95	20 069	89	12 340	55
8	21 543	20 907	97	20 754	96	20 477	95	19 227	89
9	21 592	21 031	97	20 857	97	20 671	96	20 256	94
10	21 234	20 860	98	20 617	97	20 466	96	20 022	94
11	21 715	21 385	98	21 181	97	21 037	97	20 755	96
12-14	62 312	61 362	98	61 165	98	60 700	97	59 894	96
0-14	321 098	283 824	88						
1-14	299 194			249 850	83				
2-14	277 591					221 399	80		
7-14	170 954							152 494	89

Poliomüeliit. Laste hõlmatus kaitsepookimisega 1984. a.
Poliomyelitis. Coverage of children with immunization in 1984

Vanus (aastates) / Age (years)	Laste arv / No of children	Vaktsineeritud / Vaccinated		Revaktsineeritud (I) / Revaccinated (I)		Revaktsineeritud (II) / Revaccinated (II)		Revaktsineeritud (III) / Revaccinated (III)	
		Laste arv / No of children	%	Laste arv / No of children	%	Laste arv / No of children	%	Laste arv / No of children	%
0	21 897	4 516	21						
1	22 107	15 762	71	3 374	15				
2	21 460	17 883	83	10 777	50	3 847	18		
3	21 673	19 260	89	15 595	72	9 654	44		
4	21 298	19 525	92	17 108	80	13 117	62		
5	21 071	19 799	94	18 318	87	15 320	73		
6	21 049	20 109	95	19 062	91	16 825	80		
7	23 586	22 939	97	22 479	95	21 104	89	12 750	54
8	21 870	21 430	98	21 140	97	20 595	94	18 744	86
9	21 580	21 190	98	20 968	97	20 645	96	19 867	92
10	21 506	21 098	98	20 922	97	20 722	96	20 293	94
11	21 421	21 092	98	20 973	98	20 750	97	20 417	95
12-14	64 008	63 178	99	62 974	98	62 599	98	59 131	92
0-14	324 526	287 781	89						
1-14	302 629			253 690	84				
2-14	280 522					225 178	80		
7-14	173 971							151 202	87

Poliomüeliit. Laste hõlmatus kaitsepookimisega 1985. a.
Poliomyelitis. Coverage of children with immunization in 1985

Vanus (aastates) / Age (years)	Laste arv / No of children	Vaktsineeritud / Vaccinated		Revaktsineeritud (I) / Revaccinated (I)		Revaktsineeritud (II) / Revaccinated (II)		Revaktsineeritud (III) / Revaccinated (III)	
		Laste arv / No of children	%	Laste arv / No of children	%	Laste arv / No of children	%	Laste arv / No of children	%
0	21 446	5 206	24						
1	22 377	16 804	75	3 794	17				
2	22 394	18 965	85	11 560	52	3 927	17		
3	21 754	19 690	90	15 925	73	10 165	47		
4	21 910	20 450	93	18 062	82	13 779	63		
5	21 299	20 272	95	18 294	86	15 709	74		
6	21 487	20 689	96	19 661	91	17 099	80		
7	23 399	22 814	97	22 296	95	21 168	90	11 700	50
8	22 346	21 834	98	21 455	96	20 887	93	18 459	83
9	21 989	21 570	98	21 194	96	20 831	95	19 909	90
10	21 663	21 295	98	20 947	97	20 699	96	19 954	92
11	21 517	21 177	98	20 990	98	20 679	96	20 326	94
12-14	64 467	62 616	99	62 129	98	61 812	97	61 045	96
0-14	328 048	293 382	90						
1-14	306 602			256 307	84				
2-14	284 225					226 755	80		
7-14	175 381							151 393	86

Poliomüeliit. Laste hõlmatus kaitsepookimisega 1986. a.
Polomyelitis. Coverage of children with immunization in 1986

Vanus (aastates) / Age (years)	Laste arv / No of children	Vaktsineeritud / Vaccinated		Revaktsineeritud (I) / Revaccinated (I)		Revaktsineeritud (II) / Revaccinated (II)		Revaktsineeritud (III) / Revaccinated (III)	
		Laste arv / No of children	%	Laste arv / No of children	%	Laste arv / No of children	%	Laste arv / No of children	%
0	21 554	5 812	27						
1	22 516	17 817	79	3 539	16				
2	23 091	20 235	88	12 774	55	3 982	17		
3	23 196	21 069	91	17 350	75	11 082	48		
4	22 218	20 957	94	18 635	84	14 628	66		
5	22 045	21 182	96	19 464	88	16 462	75		
6	22 052	21 386	97	20 283	92	17 560	80		
7	22 513	21 984	98	21 415	95	20 301	90	11 096	49
8	22 055	21 566	98	21 166	96	20 662	94	18 574	84
9	22 383	21 869	98	21 438	96	21 023	94	19 836	89
10	21 964	21 564	98	21 234	97	20 913	95	20 065	91
11	21 643	21 263	98	21 164	98	20 765	96	20 169	93
12-14	63 801	62 918	99	62 575	98	62 175	98	58 929	92
0-14	331 031	299 622	90						
1-14	309 477			261 037	84				
2-14	286 961					229 533	80		
7-14	174 359							148 669	85

Poliomüeliit. Laste hõlmatus kaitsepookimisega 1990. a.
Polomyelitis. Coverage of children with immunization in 1990

Vanus (aastates) / Age (years)	Laste arv / No of children	Vaktsineeritud / Vaccinated		Revaktsineeritud (I) / Revaccinated (I)		Revaktsineeritud (II) / Revaccinated (II)		Revaktsineeritud (III) / Revaccinated (III)	
		Laste arv / No of children	%	Laste arv / No of children	%	Laste arv / No of children	%	Laste arv / No of children	%
0			21						
1			68		14				
2			85		51		14		
3			90		73		45		
4			93		83		65		
5			96		89		76		
6			97		92		82		
7			98		94		88		47
8			98		96		92		81
9			98		96		92		89
10			98		97		94		92
11			98		97		94		91
12			98		97		95		92
13			98		97		95		92
14			98		97		95		94
0-14			89						
1-14					83				
2-14							79		
6-14									76

Poliomüeliit. Laste hõlmatus kaitsepookimisega 1991. a.
Poliomyelitis. Coverage of children with immunization in 1991

Vanus (aastates) / Age (years)	Laste arv / No of children	Vaktsineeritud / Vaccinated		Revaktsineeritud (I) / Revaccinated (I)		Revaktsineeritud (II) / Revaccinated (II)		Revaktsineeritud (III) / Revaccinated (III)	
		Laste arv / No of children	%	Laste arv / No of children	%	Laste arv / No of children	%	Laste arv / No of children	%
0	18 190	3 940	22						
1	21 383	15 481	72	3 141	15				
2	23 262	19 616	84	11 602	50		13		
3	24 026	21 933	91	17 323	72		42		
4	23 809	22 401	94	19 477	82		63		
5	22 814	21 820	96	19 929	87		72		
6	22 277	21 582	97	20 318	91		81		
7	24 112	23 467	97	22 713	94		88		45
8	23 806	23 308	98	22 962	96		91		81
9	22 484	22 086	98	21 863	97		93		89
10	22 108	21 724	98	21 375	97		93		90
11	22 276	21 897	98	21 528	97		94		89
12	21 912	21 523	98	21 186	97		94		91
13	21 936	21 598	98	21 327	97		95		90
14	21 856	21 490	98	21 180	97		94		89
0-14	336 251	303 866	90						
1-14	318 061			265 924	84				
2-14	296 678								
6-14	202 767								

Poliomüeliit. Laste hõlmatus kaitsepookimisega 1992. a.
Poliomyelitis. Coverage of children with immunization in 1992

Vanus (aastates) / Age (years)	Laste arv / No of children	Vaktsineeritud / Vaccinated		Revaktsineeritud (I) / Revaccinated (I)		Revaktsineeritud (II) / Revaccinated (II)		Revaktsineeritud (III) / Revaccinated (III)	
		Laste arv / No of children	%	Laste arv / No of children	%	Laste arv / No of children	%	Laste arv / No of children	%
0	16 568	3 047	18						
1	18 141	12 806	71	2 487	14				
2	20 726	17 368	84	11 003	53	2 831	14		
3	22 320	19 856	89	15 508	69	9 355	42		
4	22 744	21 079	93	17 779	78	13 040	57		
5	22 551	21 462	95	19 111	85	15 634	69		
6	21 832	21 083	97	19 331	88	16 493	75		
7	22 167	21 457	97	20 456	92	18 895	85	11 018	50
8	22 145	21 670	98	21 049	95	19 812	89	17 595	79
9	22 383	21 976	98	21 371	95	20 145	90	19 548	87
10	21 298	20 968	98	20 477	96	19 350	91	19 059	89
11	21 593	21 314	99	20 848	96	19 564	91	19 467	90
12	21 356	21 036	99	20 601	96	19 458	91	19 505	91
13	20 840	20 526	99	20 048	96	18 940	91	18 935	91
14	20 700	20 424	99	20 033	97	19 218	93	18 971	92
0-14	317 364	286 072	90						
1-14	300 796			250 102	83				
2-14	282 655					212 735	75		

Poliomüeliit. Laste hõlmatus kaitsepookimisega 1993. a.
Poliomyelitis. Coverage of children with immunization in 1993

Vanus (aastates) / Age (years)	Laste arv / No of children	Vaktsineeritud / Vaccinated		Revaktsineeritud (I) / Revaccinated (I)		Revaktsineeritud (II) / Revaccinated (II)		Revaktsineeritud (III) / Revaccinated (III)	
		Laste arv / No of children	%	Laste arv / No of children	%	Laste arv / No of children	%	Laste arv / No of children	%
0	14 169	2 598	18						
1	16 943	11 300	67	1 898	11				
2	17 959	15 150	84	9 108	51	1 943	11		
3	20 465	18 468	90	14 256	70	7 347	36		
4	22 090	20 455	93	17 488	79	11 586	52		
5	22 704	21 313	94	18 980	84	14 069	62		
6	22 512	21 482	95	19 633	87	16 555	73		
7	21 726	21 032	97	19 929	92	18 125	83	7 133	33
8	21 161	20 760	98	20 009	95	18 635	88	13 427	63
9	21 785	21 347	98	20 797	95	19 681	90	16 754	77
10	22 028	21 725	99	21 207	96	20 100	91	17 794	81
11	21 008	20 726	98	20 314	97	19 267	92	17 296	82
12	20 972	20 717	99	20 296	97	19 181	91	17 146	82
13	20 969	20 683	99	20 256	97	19 336	92	17 355	83
14	20 201	19 944	99	19 479	96	18 776	93	17 086	85
0-14	306 692	277 700	90						
1-14	292 523			243 650	83				
2-14	275 580					204 601	74		
7-14	169 850							123 991	73

Poliomüeliit. Laste hõlmatus kaitsepookimisega 1994. a.
Poliomyelitis. Coverage of children with immunization in 1994

Vanus (aastates) / Age (years)	Laste arv / No of children	Vaktsineeritud / Vaccinated		Revaktsineeritud (I) / Revaccinated (I)		Revaktsineeritud (II) / Revaccinated (II)	
		Laste arv / No of children	%	Laste arv / No of children	%	Laste arv / No of children	%
0	13 183	3 000	23				
1	14 445	11 027	76				
2	16 943	14 651	86	7 550	45		
3	17 886	16 529	92	13 214	74		
4	20 200	19 032	94	16 761	83		
5	21 715	20 751	96	19 010	87		
6	22 135	21 240	96	19 986	90	15 495	70
7	22 501	22 012	98	21 290	95	19 456	86
8	21 011	20 686	98	20 149	96	19 056	91
9	21 148	20 881	99	20 569	97	19 796	94
10	21 772	21 519	99	21 194	97	20 677	95
11	21 780	21 550	99	21 208	97	20 750	95
12	20 879	20 670	99	20 380	98	19 948	95
13	20 979	20 785	99	20 540	98	20 218	96
14	21 181	20 989	99	20 771	98	20 471	97
0-14	297 758	275 322	92				
2-14	270 130			242 622	90		
6-14	193 386					175 867	91

Poliomüeliit. Laste hõlmatus kaitsepookimisega 1995. a.
Poliomyelitis. Coverage of children with immunization in 1995

Vanus (aastates) / Age (years)	Laste arv / No of children	Vaktsineeritud / Vaccinated		Revaktsineeritud (I) / Revaccinated (I)		Revaktsineeritud (II) / Revaccinated (II)	
		Laste arv / No of children	%	Laste arv / No of children	%	Laste arv / No of children	%
0	12 644	2 819	22				
1	13 347	10 722	80				
2	14 630	12 987	89	5 972	41		
3	17 057	15 853	93	12 145	71		
4	17 940	17 024	95	15 065	84		
5	20 286	19 498	96	17 976	89		
6	21 676	20 933	97	20 016	92	14 638	67
7	22 763	22 350	98	21 653	95	19 227	84
8	21 926	21 628	99	21 095	96	19 780	90
9	21 235	21 011	99	20 584	97	19 591	92
10	20 988	20 806	99	20 533	98	19 887	95
11	21 440	21 258	99	20 852	97	20 451	95
12	21 689	21 533	99	21 250	98	20 739	96
13	20 656	20 521	99	20 303	98	19 819	96
14	21 033	20 858	99	20 673	98	20 205	96
0-14	289 310	269 801	93				
2-14	263 319			238 117	90		
6-14	193 406					174 337	90

Poliomüeliit. Laste hõlmatus kaitsepookimisega 1996. a.
Poliomyelitis. Coverage of children with immunization in 1996

Vanus (aastates) / Age (years)	Laste arv / No of children	Vaktsineeritud / Vaccinated		Revaktsineeritud (I) / Revaccinated (I)		Revaktsineeritud (II) / Revaccinated (II)	
		Laste arv / No of children	%	Laste arv / No of children	%	Laste arv / No of children	%
0	12 326	3 631	29				
1	12 855	11 055	86				
2	13 469	12 514	93	6 699	50		
3	14 470	13 737	95	11 335	78		
4	16 895	16 250	96	14 543	86		
5	17 625	17 076	97	16 165	92		
6	19 997	19 533	98	18 543	93	12 189	61
7	21 851	21 512	98	20 878	95	18 387	84
8	22 147	21 906	99	21 537	97	20 010	90
9	21 853	21 652	99	21 208	97	20 165	92
10	21 124	20 947	99	20 640	98	19 990	95
11	20 835	20 684	99	20 499	98	19 942	96
12	21 534	21 392	99	21 226	99	20 740	96
13	21 614	21 449	99	21 300	98	20 897	97
14	21 445	21 289	99	21 081	98	20 434	95
0-14	280 040	264 627	94				
2-14	254 859			235 654	93		
6-14	192 400					172 754	90

Poliomüeliit. Laste hõlmatus kaitsepookimisega 1997. a.
Poliomyelitis. Coverage of children with immunization in 1997

Vanus (aastates) / Age (years)	Laste arv / No of children	Vaktsineeritud / Vaccinated		Revaktsineeritud (I) / Revaccinated (I)		Revaktsineeritud (II) / Revaccinated (II)	
		Laste arv / No of children	%	Laste arv / No of children	%	Laste arv / No of children	%
0	11 703	3 133	27				
1	12 724	10 913	86				
2	12 904	12 139	94	6 532	51		
3	13 537	13 017	96	10 950	81		
4	14 370	13 951	97	12 625	88		
5	16 674	16 315	98	15 254	91		
6	17 641	17 329	98	16 474	93		
7	20 497	20 270	99	19 666	96	15 590	76
8	21 553	21 401	99	21 040	98	19 055	88
9	22 101	21 954	99	21 677	98	20 513	93
10	21 782	21 666	99	21 390	98	20 621	95
11	21 116	21 008	99	20 777	98	20 261	96
12	20 993	20 882	99	20 621	98	20 245	96
13	21 504	21 406	99	21 247	99	20 885	97
14	22 049	21 956	99	21 782	99	21 416	97
0-14	271 148	257 334	95				
2-14	246 721			230 035	93		
7-14	171 595					158 586	92

Poliomüeliit. Laste hõlmatus kaitsepookimisega 1998. a.
Poliomyelitis. Coverage of children with immunization in 1998

Vanus (aastates) / Age (years)	Laste arv / No of children	Vaktsineeritud / Vaccinated		Revaktsineeritud (I) / Revaccinated (I)		Revaktsineeritud (II) / Revaccinated (II)	
		Laste arv / No of children	%	Laste arv / No of children	%	Laste arv / No of children	%
0	11 169	3 359	30				
1	12 144	10 741	88				
2	12 853	12 098	94	7 086	55		
3	13 006	12 513	96	10 545	81		
4	13 440	13 073	97	11 913	89		
5	14 308	13 987	98	13 214	92		
6	16 551	16 262	98	15 555	94		
7	18 117	17 863	99	17 425	96	12 525	69
8	19 980	19 696	99	19 350	97	17 129	86
9	21 484	21 227	99	20 821	97	19 681	92
10	21 831	21 592	99	21 273	97	20 449	94
11	21 621	21 367	99	20 940	97	20 323	94
12	21 066	20 814	99	20 579	98	20 008	95
13	20 816	20 601	99	20 408	98	20 025	96
14	21 818	21 571	99	21 340	98	20 919	96
0-14	260 204	246 764	95				
2-14	236 891			220 449	93		
7-14	166 733					151 059	91

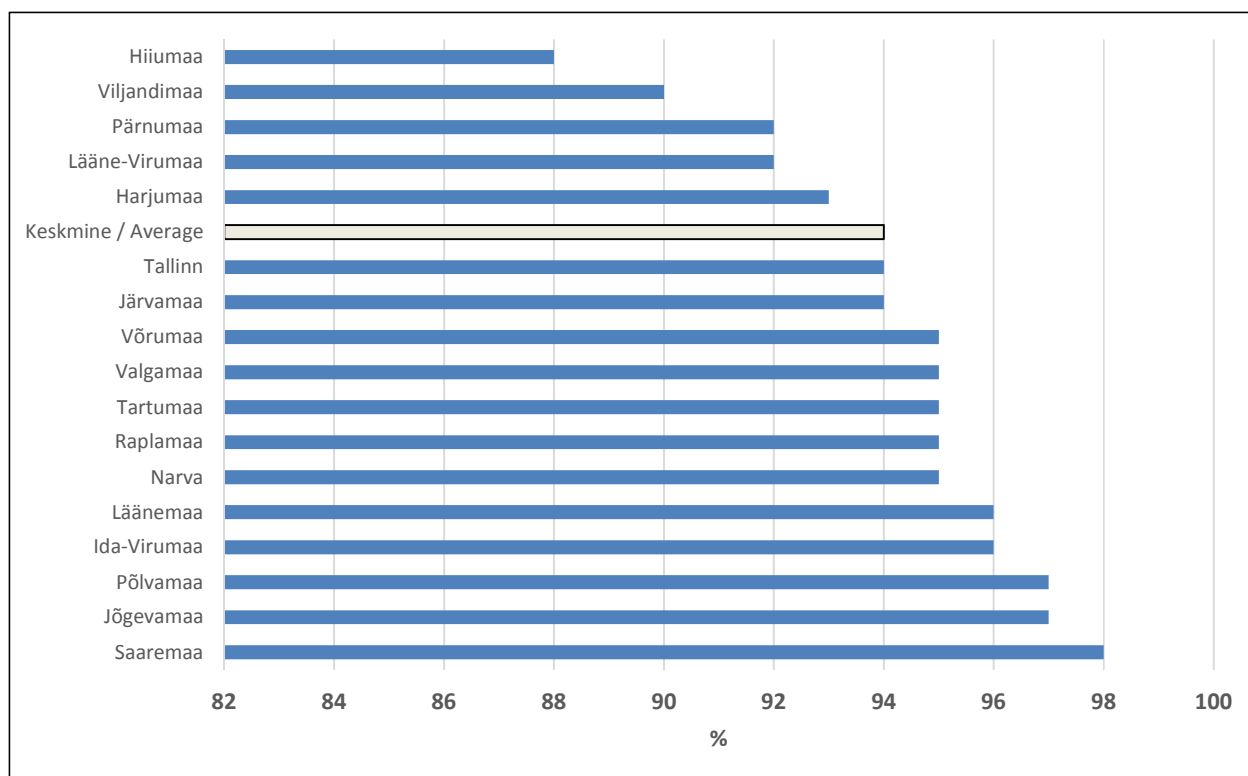
Poliomüeliit. Kaheaastaste laste hõlmatus kaitsepookimisega piirkondade järgi (%)
Poliomyelitis . Coverage of two-year old children with immunization by districts (%)

Piirkond / District	Aasta / Year			
	1995	1996	1997	1998
Tallinn	90	92	93	94
Narva	94	96	96	95
Harjumaa	85	88	91	93
Hiiumaa	87	91	94	88
Ida-Virumaa	91	97	97	96
Jõgevamaa	93	97	97	97
Järvamaa	88	94	92	94
Läänemaa	89	89	95	96
Lääne-Virumaa	84	89	92	92
Põlvamaa	92	89	97	97
Pänumaa	84	92	93	92
Raplamaa	94	95	95	95
Saaremaa	98	99	100	98
Tartumaa	93	93	96	95
Valgamaa	92	93	96	95
Viljandimaa	75	91	91	90
Võrumaa	83	95	93	95

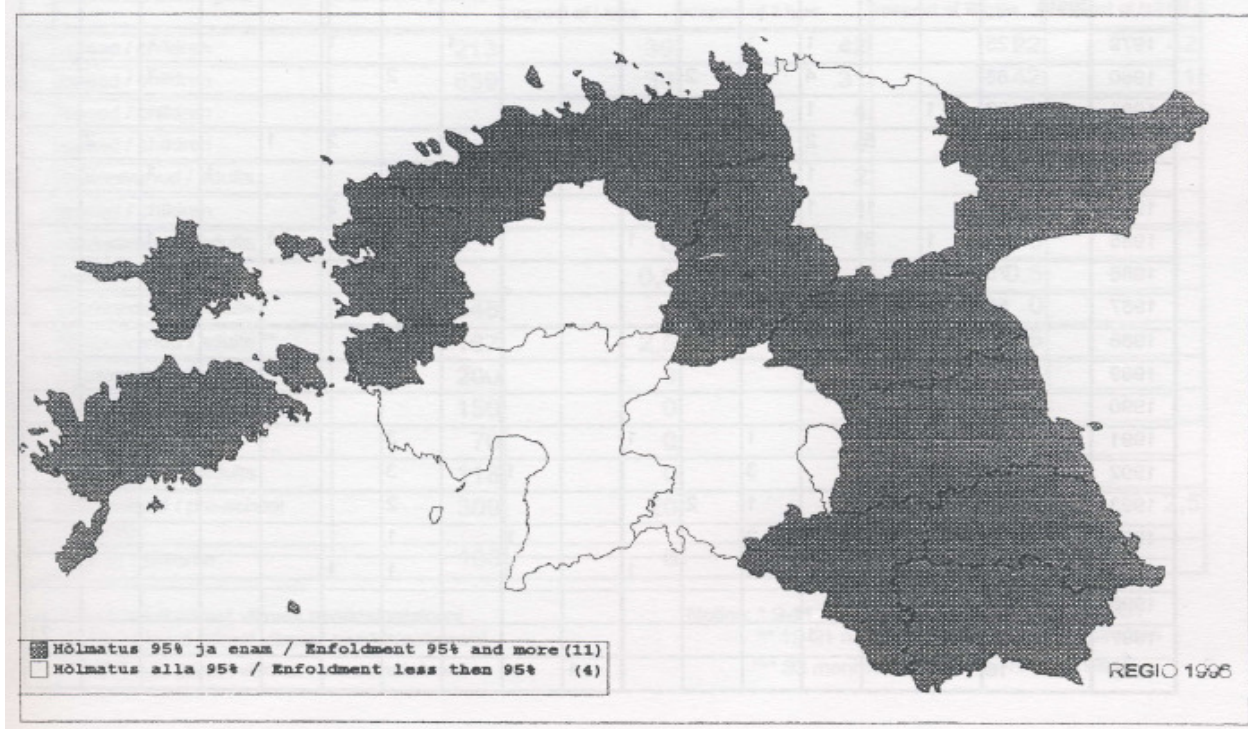
Poliomüeliit. 1-14-aastaste laste hõlmatus kaitsepookimisega piirkondade järgi (%)
Poliomyelitis . Coverage of 1-14 years children with immunization by districts (%)

Piirkond / District	Aasta / Year			
	1995	1996	1997	1998
Tallinn	93	94	94	98
Narva	96	96	96	99
Harjumaa	92	94	95	98
Hiiumaa	91	94	95	96
Ida-Virumaa	95	96	96	99
Jõgevamaa	94	95	96	98
Järvamaa	93	94	95	98
Läänemaa	94	93	95	98
Lääne-Virumaa	91	93	93	96
Põlvamaa	93	95	96	97
Pänumaa	92	93	94	98
Raplamaa	94	94	94	98
Saaremaa	96	96	97	99
Tartumaa	93	95	95	98
Valgamaa	94	95	95	99
Viljandimaa	89	94	94	90
Võrumaa	93	95	95	99

Poliomüeliit. Kaheaastaste laste hõlmatus kaitsepookimisega 1998. a. piirkondade järgi (%)
Poliomyelitis. Coverage of two-year old children with immunization by districts in 1998 (%)



Poliomüeliit. 1-14-aastaste laste hõlmatus kaitsepookimisega 1997. a. piirkondade järgi (%)
Poliomyelitis. Coverage of 1-14 years children with immunization by districts in 1997 (%)



Haigetelt ja tervetelt inimestelt isoleeritud enteroviirused
Enteroviruses isolated from diseased and healthy people

Aasta / Year	Uuritud proovide arv / No. of analysed tests	POLIO			COXSACKIE A				COXSACKIE B					ECHO															
		I	II	III	1	4	6	10	1	3	4	5	6	1	2	3	5	6	7	8	9	11	12	13	18	19	20	24	27
1958	73	30	2							3																			
1959	425	22		2															2				15						
1960	1 087	3	2	4								1				1			2	1		31	2	1			7	1	
1961	1 916								1			37	1				1	1		1	1	2							
1962	3 012	1	4	2					11	3		68									1	6		1					
1963	2 445		1	3						5	1								11			1							
1964	3 043	2	2	9						2	1	1				7	1	1	29	4		59				3	1	2	2
1965																													
1966	70							17																					
1967	861				1	2	20	1		4		61							2										
1968	1 344						1	43		46	1	30		14	6							6		3					
1969																													
1970	31																		7										

Enteroviiruste leiud haigetel
Findings of enteroviruses at patients

Aasta / Year	Uuritud proovide arv / No. of analysed tests	COXSACKIE B						ECHO									
		1	2	3	4	5	6	3	4	5	6	12	13	17	19	25	30
1979	125		1	1	1					1		1					
1980	88			4		2					2				1		
1981	102	1		1													
1982	130		5	2	1	1	3					2	1			2	
1983	105			1			2				2			1	1		
1984	135		1	1			2					2					
1985	102	1	3			1	1						1		1		
1986	75		1		1						1						
1987	55		1														
1988	93										3						
1989	65																
1990	102		1														
1991	97		1		1		1				3						
1992	87	1			3				1		3						
1993	39	1	1		1	2					2						
1994	138		1		2				1		1						
1995	186		2	1	2		1		1		1	1					
1996	42																
1997	354			1													71
1998	16							1									

Poliomüeliit. Andmed lõtvade halvatusete kohta
Poliomyelitis. Data on occurrence of flaccid paralysis

Aasta / Year	Piirkond / District	Haigete arv / No. of patients	Haigete sugu / Cases by gender		Uuritud fekaal-proove / Analysed faecal tests		Haigete vanus / Age of patients											
			Mehed / Males	Naised / Females	I	II	0	1-4	5-9	10-14	15-19	20-29	30-39	40-49	50-59	60-69	≥ 70	
1994	Tallinn	1	1		1													
1995	Tallinn	1	1		1	1			1									
	Lääne-Virumaa	1		1	1													
1996	Tallinn	1		1	1	1		1										
	Tartumaa	1	1		1									1				
	Harjumaa	1		1	1	1					1							
1997	Tallinn	6	4	2	6	4		1	1	1		1		1			1	
	Jõgevamaa	1	1		1	1							1					
	Lääne-Virumaa	1		1	1	1											1	
	Pärnumaa	2	2		2	2										2		
	Valgamaa	1	1		1	1							1					
	Viljandimaa	1		1	1	1										1		
	Võrumaa	1	1		1	1											1	
1998	Tallinn	7	6	1	7	7		2			1	1	1		2			
	Harjumaa	1	1		1	1									1			

Märkus: Uuritud proovidest ei isoleeritud poliovirust
analysed tests

Notice: Poliovirus was not isolated from the

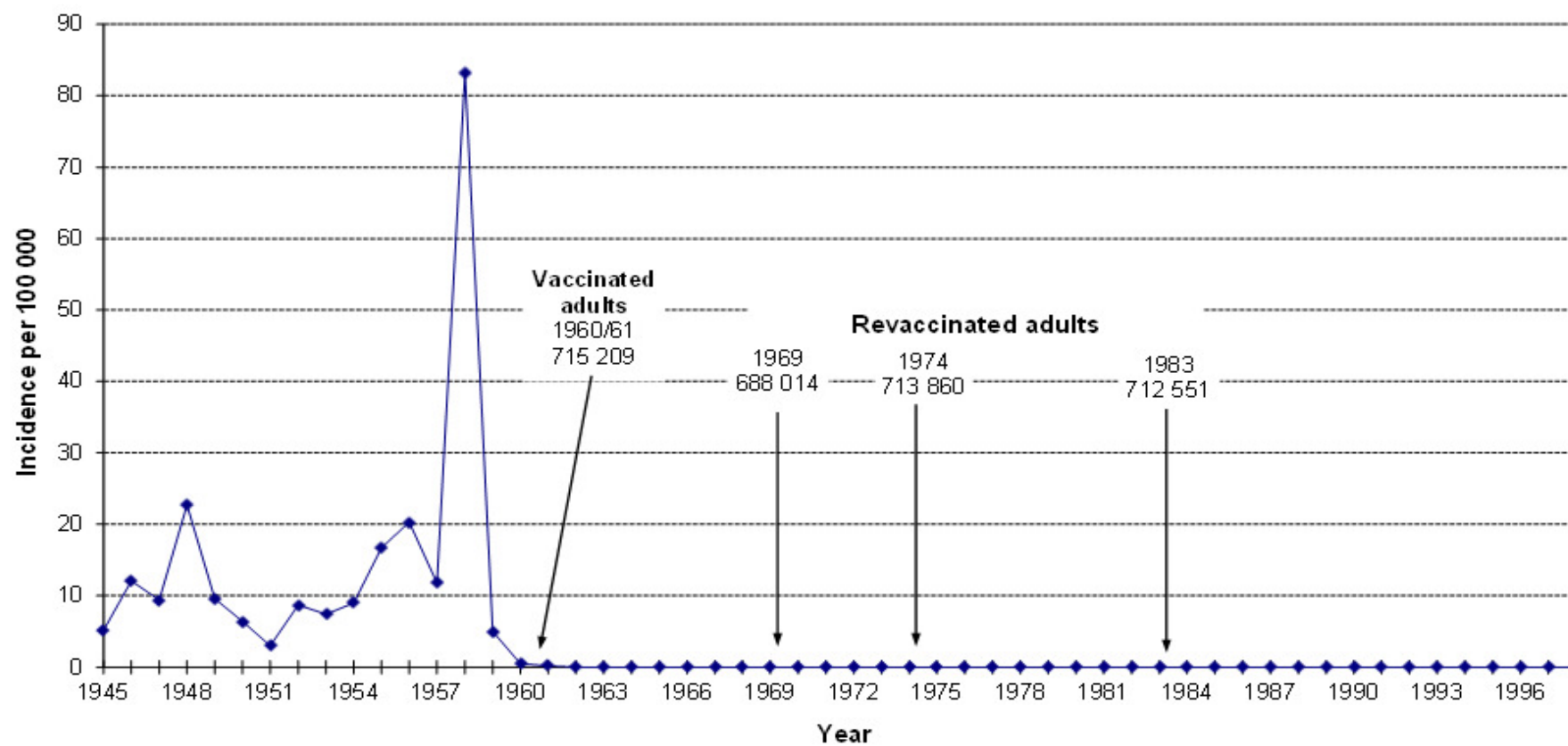
Poliomüeliit. Seroloogilise kontrolli tulemused
Poliomyelitis. Results of serological investigation

Aasta / Year	Uuritud kontingent / Examined contingent	Uuritud inimeste arv / No. of examined people	Inimeste suhtarv (%), kellel seerumiproovides polioantikehi ei sedastatud / Relative No. (%) of people in whose serum samples were not asserted polio antibodies			
			I tüübi suhtes / in respect of I type	II tüübi suhtes / in respect of II type	III tüübi suhtes / in respect of III type	I+II+III suhtes / in respect of I+II+III
1957	lapsed / children	213	39	42	22	42
1959	lapsed / children	859	38	31	42	11
1960	lapsed / children		6	4	9	
	lapsed / children		3	4	8	
1961	täiskasvanud / adults		2	2	4	
	lapsed / children		0	1	0,5	
1962	täiskasvanud / adults		0	0	0	
	lapsed / children		0,5	0	0,5	
1964	täiskasvanud / adults *	348	1	1	0	
1964	täiskasvanud / adults **	167	2,5	1	0,5	
1964	täiskasvanud / adults ***	200	8	6	1	
1969	lapsed / children	150	0	2	14	
1970	lapsed / children	70	0	0	1,5	
	täiskasvanud / adults	118	0	0	2,5	
1979	koolieelikud / pre-school children	309	20	2	42	2,5
1982	lapsed / children	100	6	6	7	

Märkus: * 9-11 kuud pärast viimast revaktsinatsiooni
 ** 19-21 kuud pärast viimast revaktsinatsiooni
 *** 33 kuud pärast viimast revaktsinatsiooni

Notice: * 9-11 months after the last revaccination
 ** 19-21 months after the last revaccination
 *** 33 months after the last revaccination

Poliomyelitis



Leetrid (ICD-10, B05)

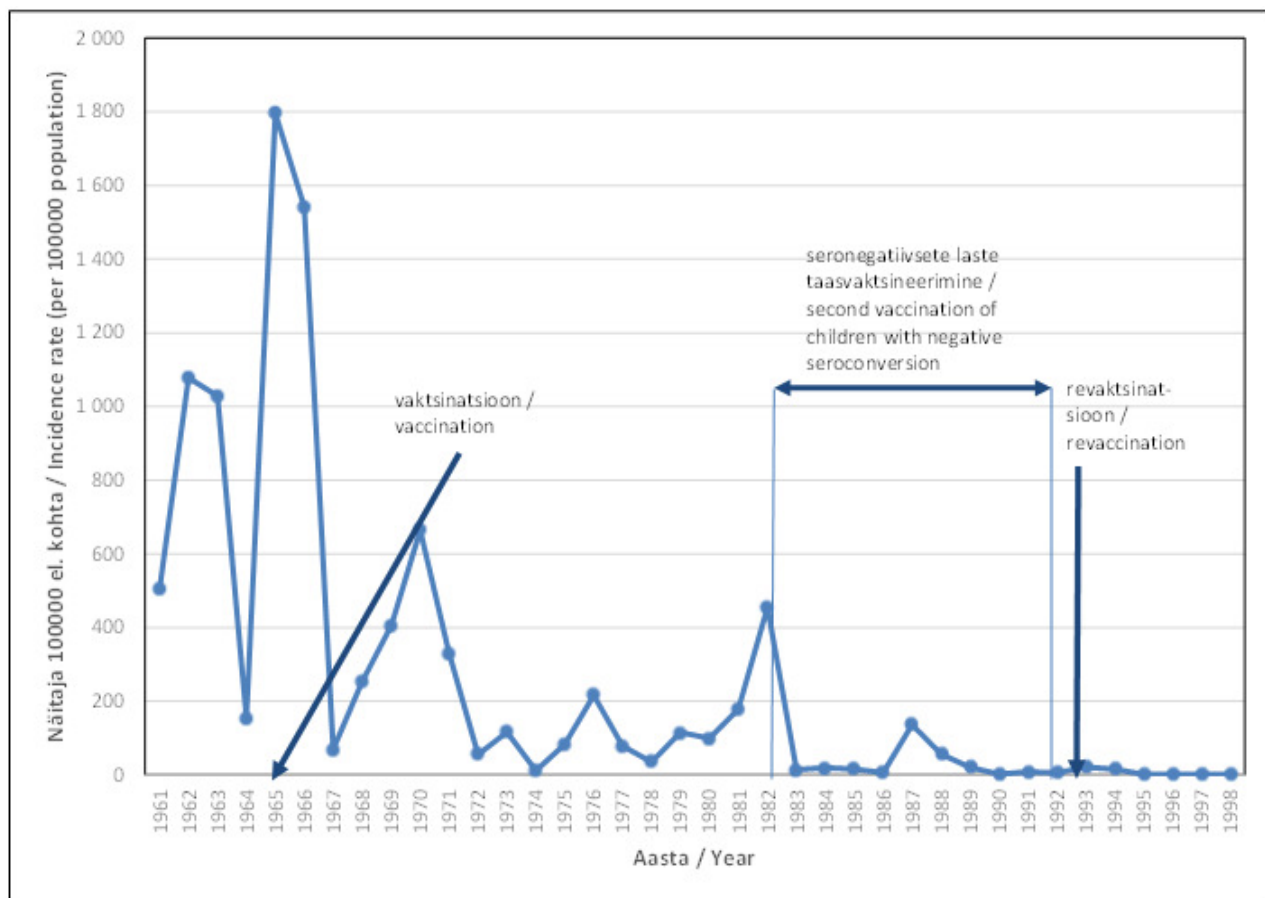
Measles (ICD-10, B05)

Leetrid. Üldandmed haigestumise kohta
Measles. Cases and incidence rate

Aasta Year	Haigete arv Cases No.	Näitaja 100000 el. kohta Incidence rate (per 100000 population)	Haigete sugu Cases by gender				Haigete elukoht Cases by residence			
			Mehed Males	%	Naised Females	%	Linnas Urban	Näitaja 100000 el. kohta Incidence rate (per 100000 population)	Maal Rural	Näitaja 100000 el. kohta Incidence rate (per 100000 population)
1945	5 790	680					3 000	1 210	2 790	462
1946	2 953	307					1 327	535	1 626	269
1947	2 953	289					1 511	609	1 442	239
1948	4 196	391	2 131	51	2 065	49	2 511	909	1 685	222
1949	6 249	577					4 062	1 015	2 187	377
1950	1 675	153	844	50	831	50				
1951	7 396	668	3 721	50	3 675	50	5 207	891	2 189	394
1952	8 444	747	4 016	48	4 428	52				
1953	7 218	632					5 489	916	1 729	319
1954	10 273	893					6 990	1 124	3 283	622
1955	6 973	603								
1956	10 323	888								
1957	4 803	409					3 680	563	1 123	215
1958	18 698	1 578					13 855	2 091	4 843	928
1959	4 877	408					3 838	569	1 039	200
1960	16 498	1 355						1 738		912
1961	6 181	506						520		487
1962	13 411	1 078					10 695	1 406	2 716	538
1963	12 997	1 029					10 348	1 378	2 649	536
1964	1 937	154					1 724	224	213	47
1965	22 850	1 796					15 826	2 007	7 024	1 149
1966	19 815	1 542					15 490	1 925	4 325	899
1967	888	69					620	76	268	56
1968	3 328	253					1 212	144	2 116	448
1969	5 352	405						376		443
1970	9 010	664						529		914
1971	4 561	330						293		40
1972	764	55						29		106
1973	1 637	116						70		205
1974	155	11						13		6
1975	1 194	83						89		69
1976	3 113	216						252		137
1977	1 120	78						104		20
1978	508	35						42		21
1979	1 688	115					1 165	113	523	118
1980	1 467	99	752	51	715	49	1 241	119	226	51
1981	2 654	178	1374	52	1280	48	1 712	162	942	215
1982	6 831	455	3438	50	3393	50	5 550	521	1 281	294
1983	208	14	144	55	94	45	195	18	13	3
1984	288	19	129	45	159	55	261	24	27	6

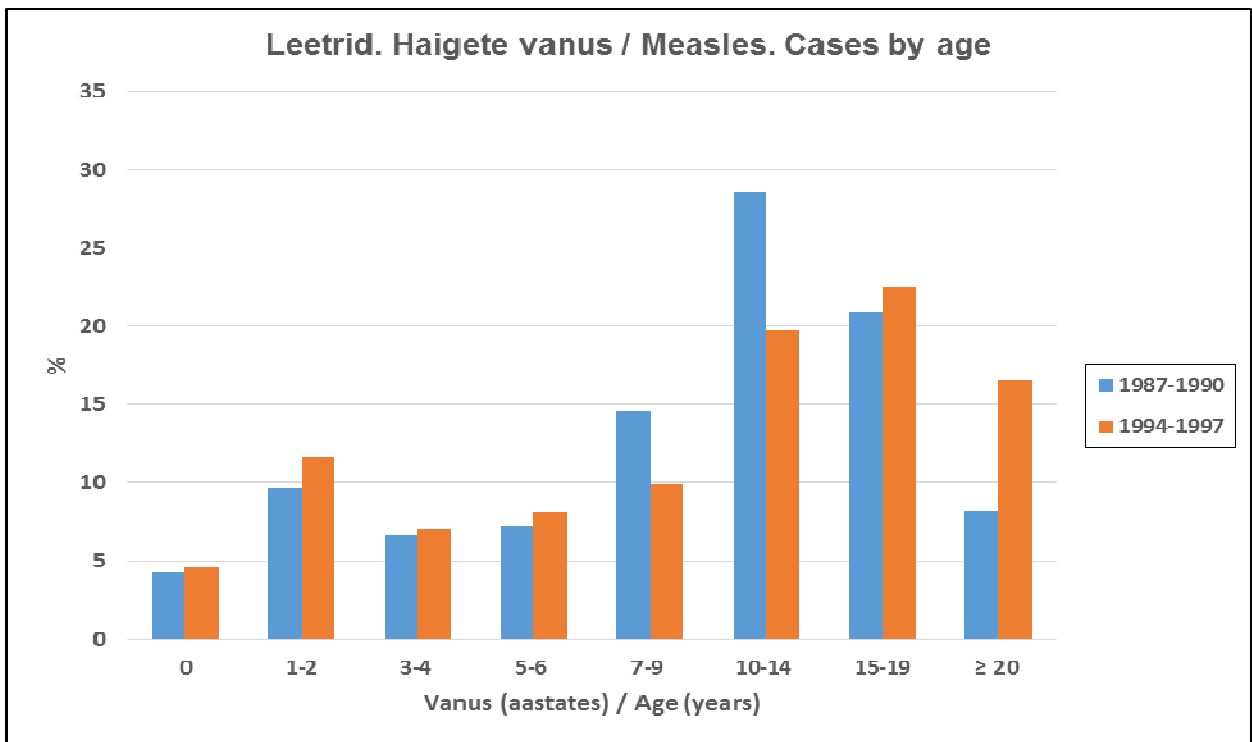
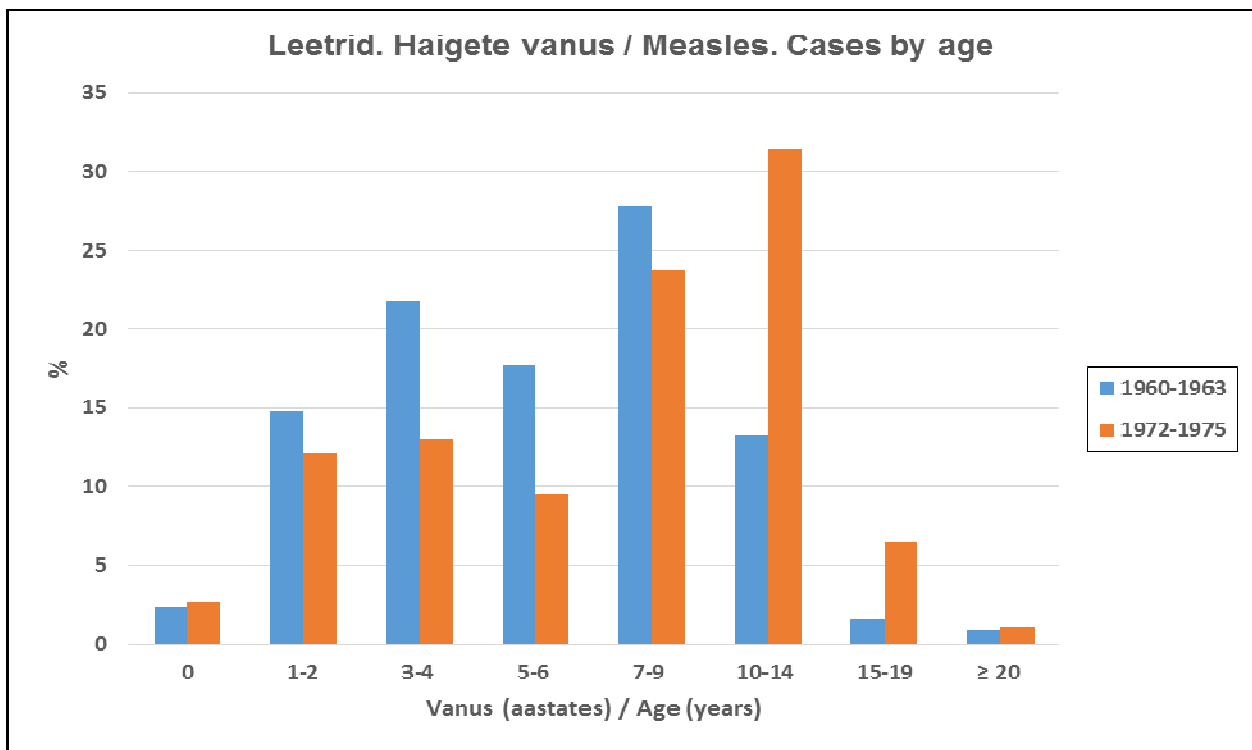
Leetrid. Üldandmed haigestumise kohta
Measles. Cases and incidence rate

Aasta Year	Haigete arv Cases No.	Näitaja 100000 el. kohta Incidence rate (per 100000 population)	Haigete sugu Cases by gender				Haigete elukoht Cases by residence			
			Mehed Males	%	Naised Females	%	Linnas Urban	Näitaja 100000 el. kohta Incidence rate (per 100000 population)	Maal Rural	Näitaja 100000 el. kohta Incidence rate (per 100000 population)
1985	223	15	101	45	122	55	186	17	37	8
1986	91	6	47	52	44	48	83	7	8	2
1987	2 127	136	1 098	52	1 029	48	1 156	103	971	220
1988	884	56	462	52	422	48	642	57	242	55
1989	313	20	182	58	131	42	179	16	134	30
1990	33	2	15	45	18	55	25	2	8	2
1991	129	8	62	48	67	52	58	5	71	16
1992	71	5	35	49	36	51	66	6	5	1
1993	312	21	156	50	156	50	131	13	181	36
1994	230	15	118	51	112	49	159	15	71	16
1995	17	1	6	35	11	65	13	1	4	1
1996	19	1	9	47	10	53	15	1	4	1
1997	18	1	9	50	9	50	13	1	5	1
1998	17	1	10	59	7	41	11	1	6	1



Leetrid. Haigete vanus
Measles. Cases by age

Aasta / Year	Vanus (aastates) / Age (years)							
	0	1-2	3-4	5-6	7-9	10-14	15-19	≥ 20
1947	105	314	327	403	815	682	194	113
1948	109	485	420	437	1 523	884	278	60
1949	241	913	968	679	1 929	1 059	319	141
1950	125	210	314	141	419	353	82	31
1951	223	786	1 588	929	2 154	1 348	256	112
1952	355	932	1 662	1 249	1 815	1 892	375	164
1953	258	1 080	1 440	1 142	1 923	1 089	200	86
1954								
1955								
1956	436	1 506	2 012	1 637	2 952	1 310	323	147
1957	124	620	831	828	1 584	656	114	46
1958	430	2 558	3 638	3 264	5 676	2 489	452	191
1959	140	698	1 133	781	1 457	554	80	34
1960	373	2 393	3 369	2 905	4 642	2 390	280	146
1961	165	680	1 142	1 041	1 970	983	129	71
1962	344	2 269	3 181	2 272	3 582	1 494	167	102
1963	269	1 914	3 007	2 442	3 430	1 626	184	125
1964	91	480	529	363	321	115	24	14
1965	461	3 346	4 882	3 672	6 700	3 291	346	152
1966	432	3 549	4 868	3 803	4 716	2 056	241	150
1967	32	188	222	131	200	94	9	12
1968	104	744	699	547	841	343	33	17
1969	135	920	1 203	786	1 353	851	50	54
1970	167	1 333	1 762	1 491	2 414	1 622	161	60
1971	88	601	735	676	1 188	1 129	109	35
1972	20	97	99	62	187	263	32	4
1973	50	228	247	167	335	514	86	10
1974	3	13	13	15	44	51	10	6
1975	27	114	128	113	324	352	116	20
1976	46	305	332	316	633	1 081	333	67
1977	30	138	135	120	166	336	163	32
1978	9	88	62	63	83	109	83	11
1979	39	216	249	172	404	443	135	30
1980	28	163	110	119	351	418	216	62
1981	64	377	184	179	685	826	339	
1982	180	1 258	695	481	1 556	1 844	817	
1983	5	40	37	35	30	29	32	
1984	11	42	25	30	44	81	55	
1985	11	38	29	24	27	49	45	
1986	1	3	11	10	12	34	20	
1987	87	209	150	156	311	602	460	152
1988	36	79	38	56	141	270	180	84
1989	17	33	30	26	32	83	59	33
1990	3	4	6	3	6	5	2	4
1991	7	15	13	8	8	38	25	15
1992	3	5	8	5	14	13	21	2
1993	5	22	22	36	66	85	61	15
1994	4	27	15	16	26	51	55	36
1995	4	3	1	1	1	1	4	2
1996	3	2	4	1	1	1	1	3
1997	2	1		5		3	4	6
1998	2	2		1		3	2	7



Leetrid. Haigestumus piirkondade järgi
Measles. Incidence rate by districts

Piirkond / District	1965		1966		1967		1968		1969		1970	
	Haigete arv Cases No.	Natitaja 100000 el. kohta Incidence rate (per 100000 population)	Haigete arv Cases No.	Natitaja 100000 el. kohta Incidence rate (per 100000 population)	Haigete arv Cases No.	Natitaja 100000 el. kohta Incidence rate (per 100000 population)	Haigete arv Cases No.	Natitaja 100000 el. kohta Incidence rate (per 100000 population)	Haigete arv Cases No.	Natitaja 100000 el. kohta Incidence rate (per 100000 population)	Haigete arv Cases No.	Natitaja 100000 el. kohta Incidence rate (per 100000 population)
Tallinn	2 099		9 022		181		311		780		849	222
Tartu	3 567		564		27		81		937		357	385
Narva	1 399		669		76		117		62		88	133
Harjumaa	637		1 334		21		85		42		1 192	1 418
Hiiumaa	3		35		22		8		2		102	1 019
Ida-Virumaa	3 858		1 376		79		693		238		151	135
Jõgevamaa	309		483		3		231		415		0	
Järvamaa	295		420		4		34		22		886	2 100
Läänemaa	345		555		1		18		4		271	833
Lääne-Virumaa	1 467		752		214		592		286		1 222	1 556
Põlvamaa	540		48		0		45		650		493	1 319
Pärnumaa	3 107		903		8		10		70		373	392
Raplamaa	61		574		7		24		30		1 064	2 740
Saaremaa	170		957		28		544		4		24	62
Tartumaa	1 674		291		11		65		169		234	447
Valgamaa	1 213		68		113		443		542		47	102
Viljandimaa	733		1 680		0		6		838		509	748
Võrumaa	1 373		84		93		21		261		1 148	2 321
Kokku / Total	22 850		19 815		888		3 328		5 352		9 010	664

Piirkond / District	1971		1972		1973		1974		1975		1976	
	Haigete arv Cases No.	Natitaja 100000 el. kohta Incidence rate (per 100000 population)	Haigete arv Cases No.	Natitaja 100000 el. kohta Incidence rate (per 100000 population)	Haigete arv Cases No.	Natitaja 100000 el. kohta Incidence rate (per 100000 population)	Haigete arv Cases No.	Natitaja 100000 el. kohta Incidence rate (per 100000 population)	Haigete arv Cases No.	Natitaja 100000 el. kohta Incidence rate (per 100000 population)	Haigete arv Cases No.	Natitaja 100000 el. kohta Incidence rate (per 100000 population)
Tallinn	943	247	49	13	70	18	4	1	283	68	1 983	470
Tartu	270	291	91	97	183	191	12	12	64	65	103	104
Narva	143	216	23	34	38	54	57	93	10	14	29	39
Harjumaa	757	901	5	6	1	1	0		6	7	27	30
Hiiumaa	20	200	0		1	10	0		0		0	
Ida-Virumaa	576	517	13	12	38	31	43	38	10	9	49	43
Jõgevamaa	37	87	4	9	129	304	7	17	0		38	91
Järvamaa	86	204	30	71	7	17	2	5	34	81	45	107
Läänemaa	76	234	0		0		1	3	75	225	179	538
Lääne-Virumaa	566	721	48	61	25	32	2	3	7	9	111	141
Põlvamaa	31	83	16	43	2	5	4	11	7	19	73	200
Pärnumaa	149	157	11	12	57	59	15	5	176	182	47	49
Raplamaa	40	103	6	15	0		1	3	192	499	74	182
Saaremaa	14	33	12	31	515	1 332	0		3	8	61	160
Tartumaa	548	1 046	327	523	141	270	7	13	275	530	199	385
Valgamaa	26	57	27	59	354	770	0		0		2	4
Viljandimaa	265	390	2	3	64	94	0		11	16	72	107
Võrumaa	14	28	100	203	12	24	0		41	84	21	43
Kokku / Total	4 561	330	764	55	1 637	116	155	11	1 194	83	3 113	216

Leetrid. Haigestumus piirkondade järgi
Measles. Incidence rate by districts

Piirkond / District	1977		1978		1979		1980		1981		1982	
	Haigete arv Cases No.	Natitaja 100000 el. kohta Incidence rate (per 100000 population)	Haigete arv Cases No.	Natitaja 100000 el. kohta Incidence rate (per 100000 population)	Haigete arv Cases No.	Natitaja 100000 el. kohta Incidence rate (per 100000 population)	Haigete arv Cases No.	Natitaja 100000 el. kohta Incidence rate (per 100000 population)	Haigete arv Cases No.	Natitaja 100000 el. kohta Incidence rate (per 100000 population)	Haigete arv Cases No.	Natitaja 100000 el. kohta Incidence rate (per 100000 population)
Tallinn	622	145	168	38	368	83	709	157	330	72	3 152	677
Tartu	54	53	15	15	56	53	1	1	111	103	100	92
Narva	232	305	5	6	39	50	300	381	92	115	779	957
Harjumaa	36	40	0		9	10	16	18	31	34	228	246
Hiiumaa	0		0		0		2	20	422	4 168	100	983
Ida-Virumaa	108	95	140	124	98	86	39	34	102	89	376	325
Jõgevamaa	0		0		63	150	5	12	494	1 175	179	426
Järvamaa	7	17	21	50	114	271	18	43	38	90	97	229
Läänemaa	9	27	6	18	1	3	1	3	19	58	304	923
Lääne-Virumaa	5	6	28	36	311	398	75	96	14	18	267	345
Põlvamaa	3	8	1	3	23	64	18	50	3	8	32	89
Pärnumaa	4	4	88	90	91	94	208	214	135	138	513	523
Raplamaa	5	13	0		28	73	19	50	15	39	219	572
Saaremaa	2	5	0		16	42	5	13	412	1 069	267	692
Tartumaa	8	16	2	4	10	21	1	2	12	25	102	214
Valgamaa	1	2	0		17	38	18	40	393	888	29	66
Viljandimaa	2	3	2	3	431	645	5	8	21	32	72	109
Võrumaa	22	46	32	67	13	28	27	58	10	21	15	32
Kokku / Total	1 120	78	508	35	1 688	115	1 467	99	2 654	178	6 831	455

Piirkond / District	1983		1984		1985		1986		1987		1988	
	Haigete arv Cases No.	Natitaja 100000 el. kohta Incidence rate (per 100000 population)	Haigete arv Cases No.	Natitaja 100000 el. kohta Incidence rate (per 100000 population)	Haigete arv Cases No.	Natitaja 100000 el. kohta Incidence rate (per 100000 population)	Haigete arv Cases No.	Natitaja 100000 el. kohta Incidence rate (per 100000 population)	Haigete arv Cases No.	Natitaja 100000 el. kohta Incidence rate (per 100000 population)	Haigete arv Cases No.	Natitaja 100000 el. kohta Incidence rate (per 100000 population)
Tallinn	150	31	210	44	116	24	61	12	266	54	192	38
Tartu	9	8			10	9	1	1	254	225	182	160
Narva	2	2	18	22	11	13	4	5	1	1	4	5
Harjumaa	1	1	8	8	9	9	4	4	27	27	15	15
Hiiumaa									4	37	2	18
Ida-Virumaa	13	11	6	5	8	7	15	13	60	51	12	10
Jõgevamaa	1	2	2	5	9	21	1	2	26	61	13	31
Järvamaa	1	2	10	23	2	5	1	2	384	877	4	9
Läänemaa	2	6	9	27	4	12			23	68	22	65
Lääne-Virumaa	5	6	10	13	51	65	1	1	73	93	17	21
Põlvamaa									133	368	9	25
Pärnumaa	18	18	13	13	1	1	2	2	39	39	125	124
Raplamaa							1	3	13	33	16	40
Saaremaa									46	117	22	55
Tartumaa	5	11	1	2					387	813	73	153
Valgamaa									46	107	7	16
Viljandimaa			1	2					291	446	163	250
Võrumaa	1	2			2	4			54	116	6	13
Kokku / Total	208	14	288	19	223	15	91	6	2 127	136	884	56

Leetrid. Haigestumus piirkondade järgi
Measles. Incidence rate by districts

Piirkond / District	1989		1990		1991		1992		1993	
	Haigete arv Cases No.	Näitaja 100000 el. kohta Incidence rate (per 100000 population)	Haigete arv Cases No.	Näitaja 100000 el. kohta Incidence rate (per 100000 population)	Haigete arv Cases No.	Näitaja 100000 el. kohta Incidence rate (per 100000 population)	Haigete arv Cases No.	Näitaja 100000 el. kohta Incidence rate (per 100000 population)	Haigete arv Cases No.	Näitaja 100000 el. kohta Incidence rate (per 100000 population)
Tallinn	63	13	10	2	13	3	50	11	51	11
Tartu	50	44	8	7	1	1	3	3	4	4
Narva	1	1	1	1	0		1	1	6	7
Harjumaa	14	13	2	2	3	3	2	2	2	2
Hiiumaa	0		0		7	60	0		60	500
Ida-Virumaa	9	8	1	1	7	6	2	2	3	2
Jõgevamaa	4	9	0		4	9	2	5	5	12
Järvamaa	6	14	0		3	7	2	5	8	18
Läänemaa	8	24	0		6	18	0		7	21
Lääne-Virumaa	56	70	0		3	4	0		63	83
Põlvamaa	6	17	6	17	0		2	6	23	63
Pärnumaa	20	20	3	3	58	58	1	1	3	3
Raplamaa	26	66	1	3	2	5	0		1	3
Saaremaa	1	3	0		1	3	0		0	
Tartumaa	8	16	1	2	2	4	0		0	
Valgamaa	2	5	0		0		2	5	0	
Viljandimaa	16	24	0		4	6	1	2	27	42
Võrumaa	23	51	0		15	33	3	7	49	109
Kokku / Total	313	20	33	2	129	8	71	5	312	21

Piirkond / District	1994		1995		1996		1997		1998	
	Haigete arv Cases No.	Näitaja 100000 el. kohta Incidence rate (per 100000 population)	Haigete arv Cases No.	Näitaja 100000 el. kohta Incidence rate (per 100000 population)	Haigete arv Cases No.	Näitaja 100000 el. kohta Incidence rate (per 100000 population)	Haigete arv Cases No.	Näitaja 100000 el. kohta Incidence rate (per 100000 population)	Haigete arv Cases No.	Näitaja 100000 el. kohta Incidence rate (per 100000 population)
Tallinn	121	28,0	2	1,0	9	2,0	8	1,9	2	0,3
Tartu	*	*	*	*	*	*	*	*	*	*
Narva	4	4,9	0		1	1,3	0		0	
Harjumaa	16	12,9	0		0		0		0	
Hiiumaa	0		0		0		0		2	17,1
Ida-Virumaa	0		2	1,5	2	1,6	0		0	
Jõgevamaa	2	4,7	2	4,7	0		0		0	
Järvamaa	9	20,6	3	6,9	2	4,8	2	4,7	1	2,4
Läänemaa	1	3,1	0		0		0		0	
Lääne-Virumaa	25	33,0	1	1,3	1	1,3	0		0	
Põlvamaa	0		2	5,5	1	2,8	0		0	
Pärnumaa	2	2,0	0		0		3	3,0	0	
Raplamaa	0		0		0		0		0	
Saaremaa	3	7,4	0		0		0		0	
Tartumaa	20	12,9	3	1,9	0		2	1,3	9	6,2
Valgamaa	10	24,9	0		1	2,6	0		0	
Viljandimaa	7	10,8	1	1,5	1	1,6	0		1	1,6
Võrumaa	10	22,3	1	2,2	1	2,3	3	7,0	2	4,7
Kokku / Total	230	15,3	17	1,1	19	1,3	18	1,2	17	1,2

Märkus: * Tartu linna andmed on esitatud koos Tartumaa andmetega.

Notice: * City of Tartu data are presented together with Tartu county data.

Leetrid. Haigestumise sesoonsus
Measles. Case distribution by months

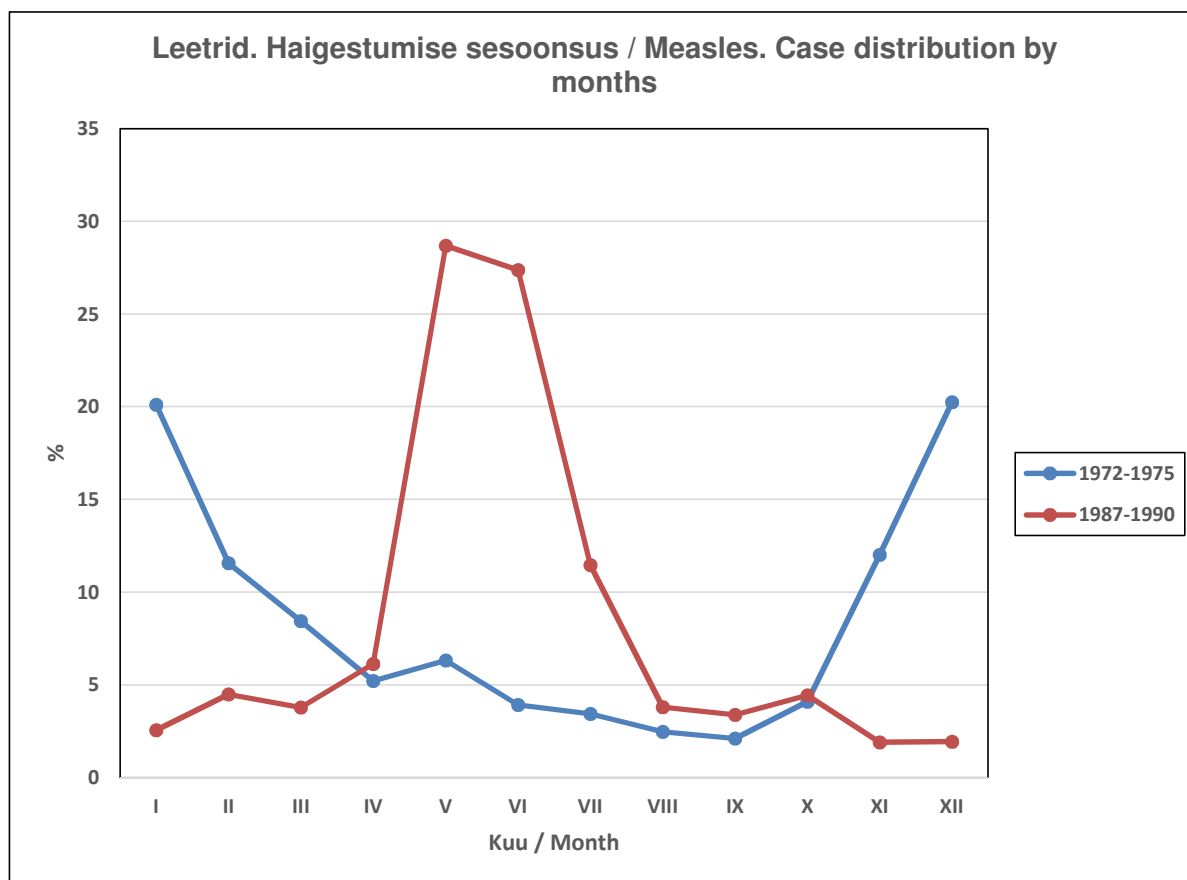
Aasta / Year	Kuu / Month											
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1945	102	272	613	776	1 275	595	202	87	75	638	492	663
1946	503	347	291	210	138	66	50	31	80	256	386	595
1947	490	580	668	505	364	194	15	21	11	16	5	84
1948	64	50	95	70	172	193	58	17	204	674	985	1 614
1949	907	830	755	1 293	1 153	598	141	55	76	97	191	153
1950	111	89	190	120	123	66	29	37	61	190	318	341
1951	506	327	426	571	578	386	410	220	226	956	1 368	1 422
1952	2 037	1 929	1 139	866	662	474	186	69	89	334	336	323
1953	217	385	701	740	842	731	422	280	352	519	819	1 210
1954	2 132	2 230	1 796	1 203	1 023	637	231	109	128	203	264	317
1955	347	247	214	262	408	542	423	333	408	1 032	1 139	1 618
1956	2 150	2 376	2 014	956	766	419	195	99	137	319	569	323
1957	281	238	185	168	204	279	263	186	158	414	662	1 765
1958	1 902	2 497	3 896	3 372	2 841	1 512	712	270	225	483	426	562
1959	548	331	308	256	410	293	88	65	78	329	709	1 462
1960	2 305	2 531	3 275	2 824	1 933	1 320	542	290	282	359	483	354
1961	475	672	840	758	659	698	368	117	195	297	409	693
1962	1 073	820	1 476	1 517	1 142	844	561	294	595	1 320	1 475	2 294
1963	3 649	2 920	2 249	1 739	1 218	511	246	98	78	70	101	118
1964	150	292	321	355	222	203	168	61	35	32	41	57
1965	90	224	642	615	1 116	1 462	1 306	1 074	1 329	3 341	5 061	6 590
1966	6 320	5 270	3 986	1 950	1 226	477	215	80	60	95	98	38
1967	55	38	49	55	70	72	48	40	19	98	115	229
1968	281	221	284	402	551	439	276	156	82	195	206	235
1969	198	364	552	974	1 069	762	381	180	95	56	360	361
1970	607	618	545	749	1 513	1 505	888	395	304	621	706	559
1971	679	578	783	767	692	604	197	65	31	99	51	15
1972	19	22	39	30	36	24	13	18	25	40	125	373
1973	716	393	268	90	66	40	13	11	9	6	0	25
1974	16	17	8	47	39	7	1	2	5	3	2	8
1975	3	2	2	29	96	76	102	62	40	105	324	353
1976	619	505	659	611	456	154	43	9	8	13	7	29
1977	5	21	146	280	352	197	63	19	12	10	4	11
1978	12	28	93	59	73	83	97	20	12	3	5	23
1979	34	51	61	315	394	462	177	104	22	18	33	18
1980	18	113	154	267	308	298	108	37	32	67	44	25
1981	17	88	287	356	397	246	121	103	104	187	404	573
1982	529	647	1 060	1 305	1 314	1 068	340	95	63	92	68	25
1983	25	24	34	40	29	14	6	7	4	5	1	7
1984	5	4	4	15	39	89	75	19	12	10	10	9
1985	17	11	8	10	38	65	31	13	6	10	6	16
1986	7	18	15	8	4	17	11	6	2	0	1	0
1987	1	10	7	70	615	745	329	109	78	92	44	34
1988	46	40	65	107	307	153	47	9	24	50	12	25
1989	29	97	52	24	37	21	9	6	11	7	7	5

Leetrid. Haigestumise sesoonsus
Measles. Case distribution by months

Aasta / Year	Kuu / Month											
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1990	10	4	3	5	4	0	0	4	1		1	1
1991	4	2	19	22	51	23	4	2	3	5	5	2
1992	7	5	18	11	8	3	3	1	6	0	3	6
1993	10	19	35	32	10	32	15	8	13	10	24	128
1994	75	65	42	7	3	5	3	1	2	1		2
1995	1	2	2		1			3	2	3	2	
1996	6	4		1	2		1	1		1	2	2
1997	4			1	1	6	1	1		2	1	
1998			5		3	4		2	1		1	1

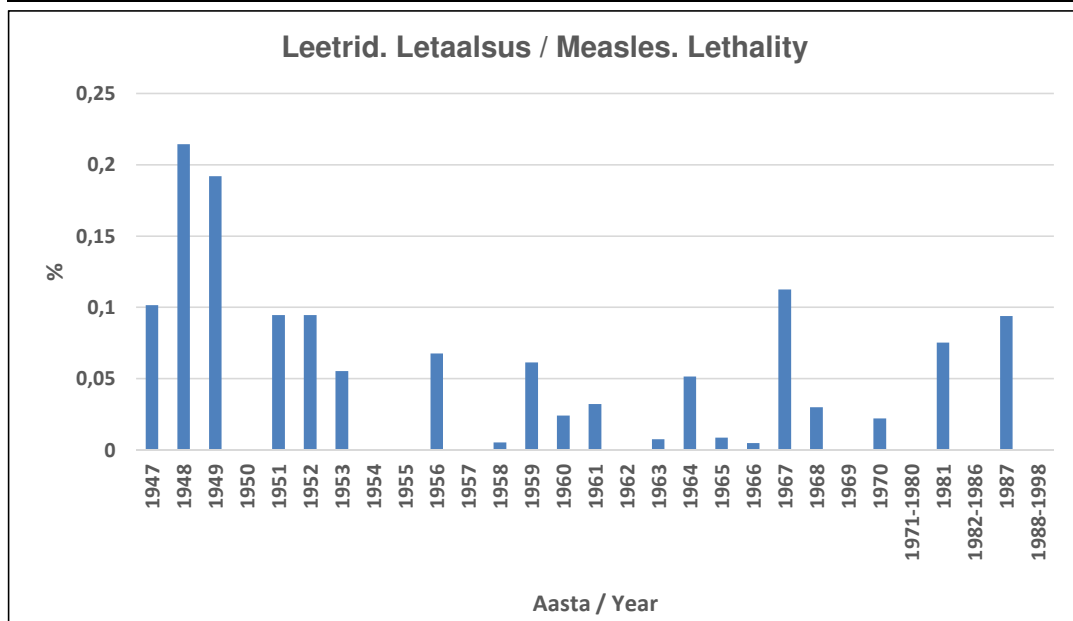
Märkus: haigusjuhud on ajavahemikul 1960-1978. a. rühmitatud registreerimise daatumi järgi ja ajavahemikul 1979-1998. a. haigestumise daatumi järgi.

Notice: Cases are grouped in the period of 1960-1978 according to the date of registration and in the period of 1970-1998 according to the date of falling ill.



Leetrid. Surmajuhud
Measles. Fatal cases

Aasta / Year	Surma- juhtude arv / Fatal cases	Vanus (aastates) / Age (years)								
		0	1-2	3-4	5-6	7-9	10-14	15-19	20-29	≥ 30
1947	3	2	1							
1948	9	1	7							
1949	12	7	4							
1950	0									
1951	7	1	3	1	2					
1952	8	6	2							
1953	4	4								
1954										
1955										
1956	7		1		1	1				
1957	0									
1958	1					1				
1959	3	1	1			1				
1960	4	2	1		1					
1961	2		1			1				
1962	0									
1963	1		1							
1964	1		1							
1965	2		1			1				
1966	1		1							
1967	1		1							
1968	1			1						
1969	0									
1970	2		1					1		
1971- 1980	0									
1981	2							2		
1982- 1986	0									
1987	2		1						1	
1988- 1998	0									

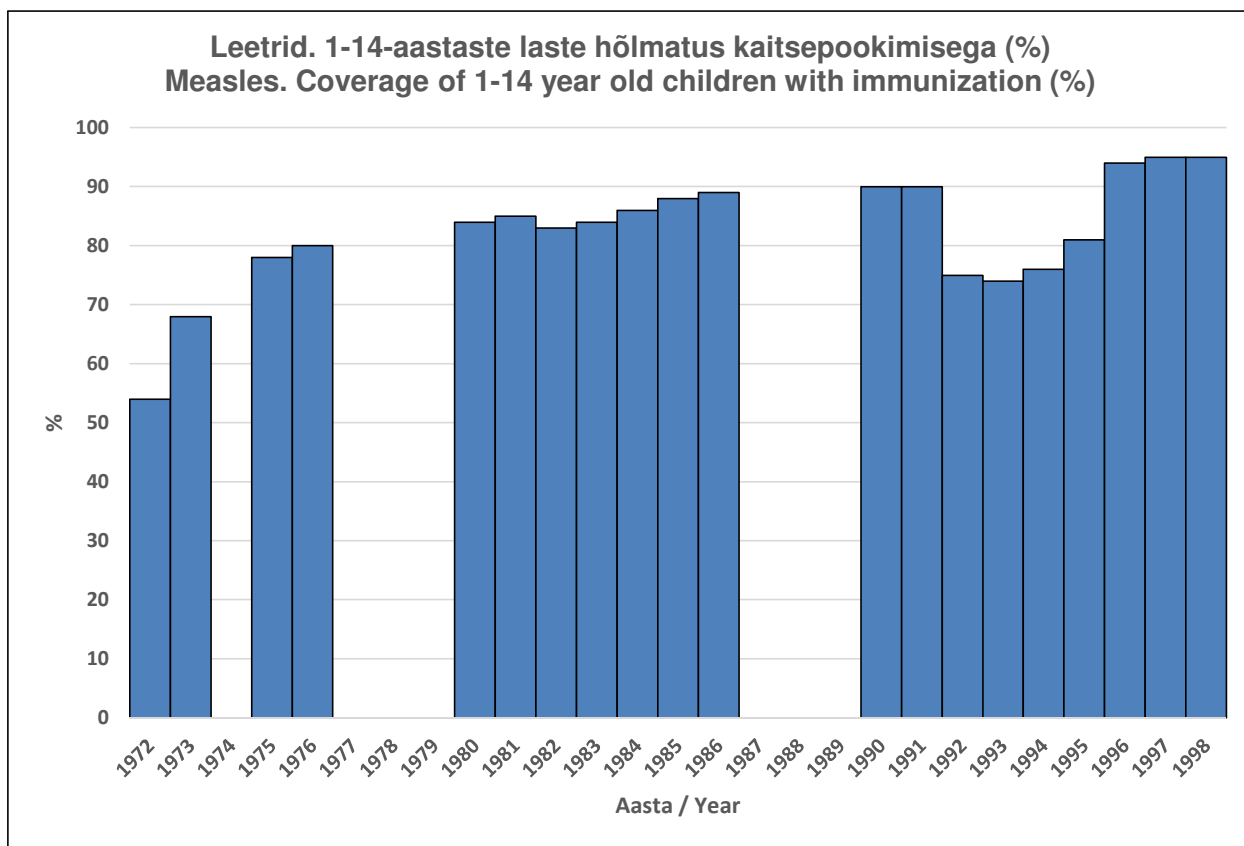
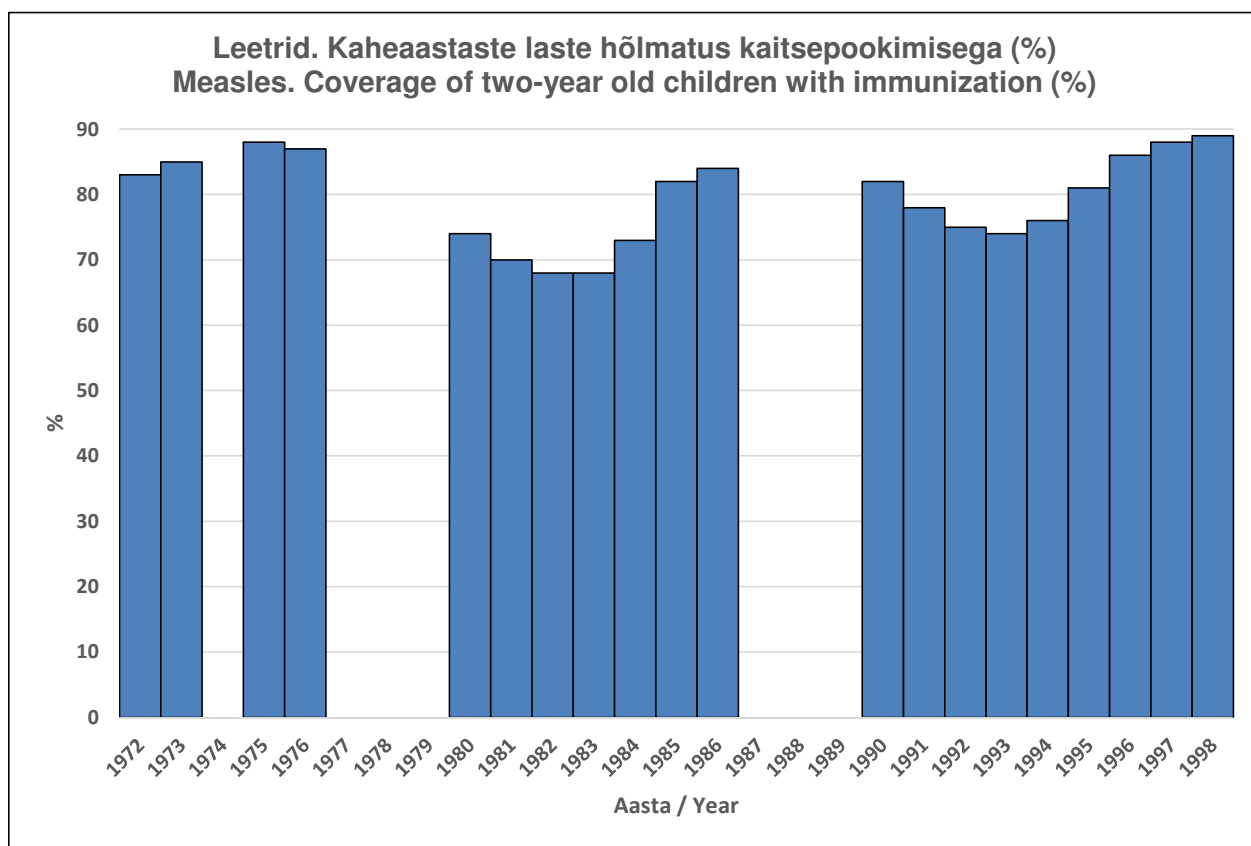


Leetrid. Kaitsepoogitud inimeste arv
Measles. Number of vaccinated persons

Aasta / Year	Vaktsineeritud inimeste arv / No. of vaccinated persons				Revaktsineeritud inimeste arv / No. of revaccinated persons			
	Lapsed / Children 0-14 a / y	Noorukid / Adolescents 15-17 a / y	Täiskasva- nud / Adults	Kokku / Total	Lapsed / Children 0-14 a / y	Noorukid / Adolescents 15-17 a / y	Täiskasva- nud / Adults	Kokku / Total
1964	10 398			10 398				
1965	2 206			2 206				
1967	8 656			8 656				
1968	19 092			19 092				
1969	11 605			11 605				
1970	31 111			31 111				
1971	40 910			40 910				
1972	37 678			37 678				
1973	43 196			43 196				
1974	25 388			25 388				
1975	21 420			21 420				
1976	20 166			20 166				
1977	19 132			19 132				
1978	18 041			18 041				
1979	17 697			17 697				
1980	18 403			18 403				
1981	19 738			19 738				
1982	20 653			20 653	856			856
1983	21 041			21 041	11			11
1984	27 417			27 417	2 859			2 859
1985	28 509			28 509	2 933			2 933
1986	44 335			44 335	17 254			17 254
1987	28 569			28 569	7 482			7 482
1988	25 395			25 395	6 821			6 821
1989	24 571			24 571	6 672			6 672
1990	21 124			21 124	1 825			1 825
1991	21 473			21 473	604			604
1992	15 952			15 952	911			911
1993	15 829			15 829	1 976	24		2 000
1994	17 493	52		17 545	21 259	473		21 732
1995	16 768	26	16	16 810	22 209	1 269		23 478
1996	17 135	74	1	17 210	16 476	6 503	379	23 358
1997	16 463	135	4	16 602	8 731	1 280	168	10 179
1998	14 707	103	9	14 819	20 716	1 909	96	22 721

Leetrid. Laste hõlmatus kaitsepookimisega
Measles. Coverage of children with immunization

Aasta / Year	Laste arv / Number of children			Vaktsineeritud 2-a. lapsed / Vaccinated 2-y old		Vaktsineeritud 1-14-a. lapsed / Vaccinated 1-14 y old		Revaktsineeritud lapsed / Revaccinated children		Leetrid põdenud 0-14 a / Be lying ill 0-14 y		Vastunäidustusi omavad 1-14 a. lapsed / Contraindications	
	0-14 a / y	1-14 a / y	2 a / y	arv / No	%	arv / No	%	arv / No	%	arv / No	%	arv / No	%
1972		268 228	19 763	16 319	83	144 854	54			75 974	28,0	4 263	1,5
1973		284 761	20 891	17 794	85	193 588	68			69 091	24,0	4 051	1,4
...													
1975		281 148	20 393	17 890	88	218 774	78			47 259	16,0	5 977	2,1
1976		280 547	20 593	17 970	87	225 702	80			37 957	14,0	4 282	1,5
...													
1980	310 489	289 854	20 828	15 485	74	243 158	84			13 458	4,0	6 390	2,2
1981	315 255	294 353	21 071	14 806	70	251 047	85			12 076	4,0	7 810	2,6
1982	319 196	298 071	21 549	14 715	68	246 819	83			18 383	6,0	8 251	2,8
1983	321 098	299 194	21 744	14 703	68	251 910	84			13 849	4,0	5 914	2,0
1984	324 526	302 629	21 460	15 585	73	260 068	86			11 792	4,0	1 191	0,4
1985	328 048	306 602	22 394	18 304	82	269 672	88			10 570	3,0	475	0,2
1986	331 031	309 477	23 091	19 415	84	274 243	89			10 898	3,0	382	0,1
...													
1990	332 276	311 780	23 362	19 124	82	281 367	90			5 690	1,7	1 239	0,4
1991	336 251	318 061	23 262	18 243	78	287 165	90			4 809	1,4	1 305	0,4
1992	317 364	300 796	20 726	15 498	75	269 575	75			4 231	1,3	1 115	0,3
1993	306 692	292 523	17 959	13 230	74	262 487	74			3 525	1,1	917	0,3
1994	297 758	284 575	16 943	12 888	76	259 095	76	27 558	44	3 165	1,1	547	0,2
1995	289 310	276 666	14 630	11 855	81	254 694	81	42 206	67	2 356	0,8	491	0,2
1996	280 040	367 714	13 469	11 562	86	250 321	94	42 095	65	1 630	0,6	443	0,2
1997	271 148	259 445	12 904	11 350	88	245 679	95	31 318	72	1 185	0,4	362	0,1
1998	260 204	249 035	12 853	11 448	89	236 728	95	32 395	76	1 007	0,4	293	0,1



Leetrid. Laste hõlmatus kaitsepookimisega 1972. a.
Measles. Coverage of children with immunization in 1972

Vanus (aastates) / Age (years)	Laste arv / No. of children	Vaktsineeritud / Vaccinated		Revaktsineeritud / Revaccinated		Põdenud / Be lying ill	
		Laste arv / No. of children	%	Laste arv / No. of children	%	Laste arv / No. of children	%
1	21 239	12 443	59			135	0,6
2	19 763	16 319	82			520	2,6
3	19 269	15 963	83			1 367	7,1
4	18 546	15 083	81			2 167	11,7
5	17 595	13 942	79			2 428	13,8
6	17 328	13 084	75			3 064	17,7
7	18 922	13 113	69			4 388	23,2
8	19 137	11 280	59			6 139	32,0
9	18 961	8 729	46			7 382	39,0
10	19 734	6 834	35			8 536	43,0
11	20 215	5 507	27			9 716	48,0
12	19 860	5 093	25			9 922	50,0
13	19 483	4 242	22			10 101	51,8
14	18 176	3 222	18			10 109	55,6
1-14	268 228	144 854	54			75 974	28,3

Leetrid. Laste hõlmatus kaitsepookimisega 1973. a.
Measles. Coverage of children with immunization in 1973

Vanus (aastates) / Age (years)	Laste arv / No. of children	Vaktsineeritud / Vaccinated		Revaktsineeritud / Revaccinated		Põdenud / Be lying ill	
		Laste arv / No. of children	%	Laste arv / No. of children	%	Laste arv / No. of children	%
1	23 363	15 113	65			87	0,4
2	20 891	17 794	85			272	1,3
3	20 734	18 939	91			529	2,5
4	19 803	17 804	90			1 186	6,0
5	19 307	16 490	85			2 056	10,6
6	18 134	15 207	84			2 339	12,9
7	19 960	15 867	79			3 268	16,4
8	19 487	14 168	73			4 595	23,6
9	19 896	12 997	65			6 250	31,4
10	19 800	11 480	58			7 600	38,4
11	20 718	10 526	51			8 997	43,4
12	21 703	10 046	46			10 381	47,8
13	21 106	9 360	44			10 692	50,7
14	19 859	7 797	39			10 839	54,6
1-14	284 761	193 588	68			69 091	24,3

Leetrid. Laste hõlmatus kaitsepookimisega 1975. a.
Measles. Coverage of children with immunization in 1975

Vanus (aastates) / Age (years)	Laste arv / No. of children	Vaktsineeritud / Vaccinated		Revaktsineeritud / Revaccinated		Põdenud / Be lying ill	
		Laste arv / No. of children	%	Laste arv / No. of children	%	Laste arv / No. of children	%
1	20 944	14 552	69			57	0,3
2	20 393	17 890	88			76	0,4
3	21 203	19 681	93			204	1,0
4	20 916	19 928	95			278	1,3
5	20 557	19 477	95			565	2,7
6	19 957	18 554	93			986	4,9
7	20 504	17 657	86			2 326	11,3
8	18 838	15 537	82			2 887	15,3
9	18 860	15 012	80			3 470	18,4
10	19 051	14 037	74			4 657	24,4
11	20 324	13 713	67			6 184	30,4
12	19 683	11 661	59			7 483	38,0
13	20 375	10 871	53			9 070	44,5
14	19 543	10 204	52			9 016	46,1
1-14	281 148	218 774	78			47 259	16,8

Leetrid. Laste hõlmatus kaitsepookimisega 1976. a.
Measles. Coverage of children with immunization in 1976

Vanus (aastates) / Age (years)	Laste arv / No. of children	Vaktsineeritud / Vaccinated		Revaktsineeritud / Revaccinated		Põdenud / Be lying ill	
		Laste arv / No. of children	%	Laste arv / No. of children	%	Laste arv / No. of children	%
1	21 315	12 774	60			99	0,5
2	20 593	17 970	87			123	0,4
3	20 569	19 209	93			158	0,8
4	20 962	19 945	95			230	1,0
5	20 810	20 046	96			304	1,5
6	20 228	19 251	95			639	3,1
7	21 090	19 239	91			1 292	6,1
8	19 689	17 125	87			2 077	10,5
9	18 723	15 424	82			2 931	15,6
10	18 811	14 775	78			3 634	19,3
11	19 052	14 258	75			4 511	23,7
12	19 379	12 972	67			6 003	31,0
13	19 593	11 772	60			7 461	38,1
14	19 733	10 942	55			8 495	43,0
1-14	280 547	225 702	80			37 957	13,5

Leetrid. Laste hõlmatus kaitsepookimisega 1980. a.
Measles. Coverage of children with immunization in 1980

Vanus (aastates) / Age (years)	Laste arv / No. of children	Vaktsineeritud / Vaccinated		Revaktsineeritud / Revaccinated		Põdenud / Be lying ill	
		Laste arv / No. of children	%	Laste arv / No. of children	%	Laste arv / No. of children	%
0	20 605	0				6	
1	21 017	7 478	36			73	0,3
2	20 828	15 485	74			221	1,1
3	21 112	17 146	81			331	1,6
4	20 842	18 323	88			327	1,6
5	20 459	18 352	89			357	1,7
6	20 580	18 890	92			365	1,8
7-14	165 016	147 484	89			11 778	7,1
1-14	289 854	243 158	84			13 452	4,6
0-14	310 459	243 158	78			13 458	4,3

Leetrid. Laste hõlmatus kaitsepookimisega 1981. a.
Measles. Coverage of children with immunization in 1981

Vanus (aastates) / Age (years)	Laste arv / No. of children	Vaktsineeritud / Vaccinated		Revaktsineeritud / Revaccinated		Põdenud / Be lying ill	
		Laste arv / No. of children	%	Laste arv / No. of children	%	Laste arv / No. of children	%
0	20 902	0				20	0,1
1	21 123	7 355	35			208	1,0
2	21 071	14 806	70			369	1,8
3	21 006	17 466	83			421	2,0
4	21 388	18 772	88			388	1,8
5	21 236	19 298	91			435	2,0
6	20 687	19 097	92			496	2,4
7-14	167 842	154 253	92			9 759	5,8
1-14	294 353	251 047	85			12 076	4,1
0-14	315 255	251 047	80			12 096	3,8

Leetrid. Laste hõlmatus kaitsepookimisega 1982. a.
Measles. Coverage of children with immunization in 1982

Vanus (aastates) / Age (years)	Laste arv / No. of children	Vaktsineeritud / Vaccinated		Revaktsineeritud / Revaccinated		Põdenud / Be lying ill	
		Laste arv / No. of children	%	Laste arv / No. of children	%	Laste arv / No. of children	%
0	21 125	0				43	0,2
1	21 728	6 814	31			419	2,0
2	21 549	14 715	68			895	4,2
3	21 386	16 976	79			955	4,5
4	21 122	18 024	85			827	3,9
5	21 438	19 143	89			705	3,3
6	21 118	18 883	89			693	3,3
7-14	169 730	152 264	90			13 889	8,2
1-14	298 071	246 819	83			18 383	6,2
0-14	319 196	246 819	83			18 426	5,8

Leetrid. Laste hõlmatus kaitsepookimisega 1983. a.
Measles. Coverage of children with immunization in 1983

Vanus (aastates) / Age (years)	Laste arv / No. of children	Vaktsineeritud / Vaccinated		Revaktsineeritud / Revaccinated		Põdenud / Be lying ill	
		Laste arv / No. of children	%	Laste arv / No. of children	%	Laste arv / No. of children	%
0	21 904	0				0	
1	21 603	6 991	32			55	0,2
2	21 744	14 703	68			422	1,9
3	21 298	17 069	80			831	3,9
4	21 076	18 022	85			851	4,0
5	21 205	18 726	88			731	3,5
6	21 314	19 432	91			627	2,9
7-14	170 954	156 967	92			10 332	6,0
1-14	299 194	251 910	84			13 849	4,6
0-14	321 098	251 910	78			13 849	4,3

Leetrid. Laste hõlmatus kaitsepookimisega 1984. a.
Measles. Coverage of children with immunization in 1984

Vanus (aastates) / Age (years)	Laste arv / No. of children	Vaktsineeritud / Vaccinated		Revaktsineeritud / Revaccinated		Põdenud / Be lying ill	
		Laste arv / No. of children	%	Laste arv / No. of children	%	Laste arv / No. of children	%
0	21 897	0				5	
1	22 107	9 276	42			45	0,2
2	21 460	15 585	73			140	0,7
3	21 673	17 521	81			558	2,6
4	21 298	18 290	86			882	4,1
5	21 071	18 789	89			837	3,9
6	21 049	19 175	91			707	3,4
7-14	173 971	161 432	93			8 623	5,0
1-14	302 629	260 068	86			11 792	4,0
0-14	324 526	260 068	80			11 797	3,6

Leetrid. Laste hõlmatus kaitsepookimisega 1985. a.
Measles. Coverage of children with immunization in 1985

Vanus (aastates) / Age (years)	Laste arv / No. of children	Vaktsineeritud / Vaccinated		Revaktsineeritud / Revaccinated		Põdenud / Be lying ill	
		Laste arv / No. of children	%	Laste arv / No. of children	%	Laste arv / No. of children	%
0	21 446	0				0	
1	22 377	10 242	46			45	0,2
2	22 394	18 304	82			76	0,3
3	21 754	19 219	88			138	0,6
4	21 910	19 713	90			504	2,3
5	21 299	19 281	90			866	4,1
6	21 487	19 663	91			909	4,2
7-14	175 381	163 450	94			8 032	4,6
1-14	306 602	269 872	88			10 570	3,5
0-14	328 048	269 872	82			10 570	3,2

Leetrid. Laste hõlmatus kaitsepookimisega 1986. a.
Measles. Coverage of children with immunization in 1986

Vanus (aastates) / Age (years)	Laste arv / No. of children	Vaktsineeritud / Vaccinated		Revaktsineeritud / Revaccinated		Põdenud / Be lying ill	
		Laste arv / No. of children	%	Laste arv / No. of children	%	Laste arv / No. of children	%
0	21 554	0				0	
1	22 516	10 751	48			11	
2	23 091	19 415	84			80	0,3
3	23 196	20 789	90			87	0,4
4	22 218	20 654	93			247	1,1
5	22 045	20 489	93			588	2,7
6	22 052	20 103	91			911	4,1
7-14	174 359	162 042	93			8 974	5,2
1-14	309 477	274 243	87			10 898	3,5
0-14	331 031	274 243	83			10 898	3,5

Leetrid. Laste hõlmatus kaitsepookimisega 1990. a.
Measles. Coverage of children with immunization in 1990

Vanus (aastates) / Age (years)	Laste arv / No. of children	Vaktsineeritud / Vaccinated		Revaktsineeritud / Revaccinated		Põdenud / Be lying ill	
		Laste arv / No. of children	%	Laste arv / No. of children	%	Laste arv / No. of children	%
0	20 496	0				0	
1	22 633	11 774	52			18	0,1
2	23 362	19 124	82			48	0,2
3	23 411	20 840	89			112	0,5
4	22 234	20 732	93			176	0,8
5	22 105	21 080	95			116	0,5
6	22 475	21 596	96			177	0,8
7	23 331	22 437	96			160	0,7
8	22 081	21 207	96			256	1,1
9	22 175	20 872	94			710	3,2
10	21 405	20 128	94			789	3,7
11	21 784	20 462	94			862	4,0
12	21 880	20 709	95			730	3,3
13	21 912	20 595	94			794	3,6
14	20 992	19 811	94			742	3,5
1-14	311 780	281 367	90			5 690	1,8
0-14	332 276	281 367	85			5 690	1,7

Leetrid. Laste hõlmatus kaitsepookimisega 1991. a.
Measles. Coverage of children with immunization in 1991

Vanus (aastates) / Age (years)	Laste arv / No. of children	Vaktsineeritud / Vaccinated		Revaktsineeritud / Revaccinated		Põdenud / Be lying ill	
		Laste arv / No. of children	%	Laste arv / No. of children	%	Laste arv / No. of children	%
0	18 190	0				1	
1	21 383	11 147	52			10	
2	23 262	18 243	78			28	0,1
3	24 026	21 169	88			57	0,2
4	23 809	21 871	92			115	0,5
5	22 814	21 628	95			148	0,6
6	22 277	21 383	96			95	0,4
7	24 112	23 133	96			151	0,6
8	23 806	23 035	97			137	0,6
9	22 484	21 711	96			253	1,1
10	22 108	20 877	94			712	3,2
11	22 276	21 005	94			756	3,4
12	21 912	20 587	94			836	3,8
13	21 936	20 733	94			734	3,3
14	21 856	20 643	94			776	3,5
1-14	318 061	287 165	90			4 808	1,5
0-14	336 251	287 165	85			4 809	1,4

Leetrid. Laste hõlmatus kaitsepookimisega 1992. a.
Measles. Coverage of children with immunization in 1992

Vanus (aastates) / Age (years)	Laste arv / No. of children	Vaktsineeritud / Vaccinated		Revaktsineeritud / Revaccinated		Põdenud / Be lying ill	
		Laste arv / No. of children	%	Laste arv / No. of children	%	Laste arv / No. of children	%
0	16 568	0				1	
1	18 141	8 621	48			6	
2	20 726	15 498	75			14	0,1
3	22 320	18 792	84			34	0,2
4	22 744	20 541	90			65	0,3
5	22 551	20 772	92			112	0,5
6	21 832	20 466	94			144	0,7
7	22 167	21 203	96			162	0,7
8	22 145	21 371	97			186	0,8
9	22 383	21 753	97			155	0,7
10	21 298	20 708	97			246	1,2
11	21 593	20 541	95			683	3,2
12	21 356	20 159	94			825	3,9
13	20 840	19 543	94			863	4,2
14	20 700	19 607	95			735	3,6
1-14	300 796	269 575	90			4 230	1,4
0-14	317 364	269 575	85			4 231	1,3

Leetrid. Laste hõlmatus kaitsepookimisega 1993. a.
Measles. Coverage of children with immunization in 1993

Vanus (aastates) / Age (years)	Laste arv / No. of children	Vaktsineeritud / Vaccinated		Revaktsineeritud / Revaccinated		Põdenud / Be lying ill	
		Laste arv / No. of children	%	Laste arv / No. of children	%	Laste arv / No. of children	%
0	14 169	0				3	
1	16 943	7 674	45			8	
2	17 959	13 320	74			23	0,1
3	20 465	17 212	84			38	0,2
4	22 090	19 641	89			37	0,2
5	22 704	20 965	92			68	0,3
6	22 512	21 087	94			119	0,5
7	21 726	20 602	95			206	0,9
8	21 161	20 387	96			155	0,7
9	21 785	21 090	97			179	0,8
10	22 028	21 399	97			151	0,7
11	21 008	20 272	96			272	1,3
12	20 972	19 981	95			649	3,1
13	20 969	19 805	94			825	3,9
14	20 201	19 052	94			792	3,9
1-14	292 523	262 487	90			3 522	1,1
0-14	306 692	262 487	86			3 525	1,1

Leetrid. Laste hõlmatus kaitsepookimisega 1994. a.
Measles. Coverage of children with immunization in 1994

Vanus (aastates) / Age (years)	Laste arv / No. of children	Vaktsineeritud / Vaccinated		Revaktsineeritud / Revaccinated		Põdenud / Be lying ill	
		Laste arv / No. of children	%	Laste arv / No. of children	%	Laste arv / No. of children	%
0	13 183	0				0	
1	14 445	7 236	50			19	0,1
2	16 943	12 888	76			36	0,2
3	17 886	15 089	84			31	0,2
4	20 200	17 994	89			50	0,2
5	21 715	19 905	92			53	0,2
6	22 135	20 907	95			77	0,3
7	22 501	21 567	96			171	0,8
8	21 011	20 347	97			215	1,0
9	21 148	20 531	97			186	0,9
10	21 772	21 183	97			200	0,9
11	21 780	21 246	97			192	0,9
12	20 879	20 174	97	8 781	42	318	1,5
13	20 979	20 033	96	10 176	49	724	3,5
14	21 181	19 995	94	8 601	41	893	4,2
1-14	284 575	259 095	91			3 165	1,1
0-14	297 758	259 095	87			3 165	1,1
12-14	63 039			27 558	44		

Leetrid. Laste hõlmatus kaitsepookimisega 1995. a.
Measles. Coverage of children with immunization in 1995

Vanus (aastates) / Age (years)	Laste arv / No. of children	Vaktsineeritud / Vaccinated		Revaktsineeritud / Revaccinated		Põdenud / Be lying ill	
		Laste arv / No. of children	%	Laste arv / No. of children	%	Laste arv / No. of children	%
0	12 644	0				3	
1	13 347	6 370	48			16	0,1
2	14 630	11 855	81			34	0,2
3	17 057	14 776	87			40	0,2
4	17 940	16 294	91			39	0,2
5	20 286	18 747	92			53	0,3
6	21 676	20 435	94	20		53	0,2
7	22 763	21 795	96	5		120	0,5
8	21 926	21 163	96	52		175	0,8
9	21 235	20 583	97	175		232	1,1
10	20 988	20 409	97	216	1	194	0,9
11	21 440	20 906	97	638	3	194	0,9
12	21 689	21 184	98	12689	59	218	1,0
13	20 656	20 076	97	14 777	71	309	1,5
14	21 033	20 101	96	14 740	70	676	3,2
1-14	276 666	254 694	92			2 353	0,9
0-14	289 310	254 694	88			2 356	0,8
12-14	63 378			42 206	67		

Leetrid. Laste hõlmatus kaitsepookimisega 1996. a.
Measles. Coverage of children with immunization in 1996

Vanus (aastates) / Age (years)	Laste arv / No. of children	Vaktsineeritud / Vaccinated		Revaktsineeritud / Revaccinated		Põdenud / Be lying ill	
		Laste arv / No. of children	%	Laste arv / No. of children	%	Laste arv / No. of children	%
0	12 326					1	
1	12 855	7 266	56			4	
2	13 469	11 562	86			9	
3	14 470	13 071	90			25	0,2
4	16 895	15 632	93			30	0,2
5	17 625	16 573	94			34	0,2
6	19 997	19 064	95			42	0,2
7	21 851	21 061	96			63	0,3
8	22 147	21 401	97			102	0,5
9	21 853	21 120	97			156	0,7
10	21 124	20 499	97	3		228	1,1
11	20 835	20 291	97	1		191	0,9
12	21 534	20 977	97	8 531	40	193	0,9
13	21 614	21 076	97	16 472	76	216	1,0
14	21 445	20 728	97	17 092	80	336	1,6
1-14	267 714	250 321	89			1 629	0,6
0-14	280 040	250 321	93			1 630	0,6
12-14	64 593			42 095	65		

Leetrid. Laste hõlmatus kaitsepookimisega 1997. a.
Measles. Coverage of children with immunization in 1997

Vanus (aastates) / Age (years)	Laste arv / No. of children	Vaktsineeritud / Vaccinated		Revaktsineeritud / Revaccinated		Põdenud / Be lying ill	
		Laste arv / No. of children	%	Laste arv / No. of children	%	Laste arv / No. of children	%
0	11 703					1	
1	12 724	8 287	65			1	
2	12 904	11 350	88			3	
3	13 537	12 483	92			10	0,1
4	14 370	13 536	94			19	0,1
5	16 674	15 834	95			25	0,1
6	17 641	16 894	96			31	0,2
7	20 497	19 807	97			51	0,2
8	21 553	20 899	97			68	0,3
9	22 101	21 510	97			102	0,5
10	21 782	21 265	98			135	0,6
11	21 116	20 663	98			222	1,0
12	20 993	20 602	98			146	0,7
13	21 504	21 124	98	13 981	65	172	0,8
14	22 049	21 625	98	17 337	79	199	0,9
1-14	259 445	245 879	95				
0-14	271 148	245 879	90			1 185	0,4
13-14	43 553			31 318	72		

Leetrid. Laste hõlmatus kaitsepookimisega 1998. a.
Measles. Coverage of children with immunization in 1998

Vanus (aastates) / Age (years)	Laste arv / No. of children	Vaktsineeritud / Vaccinated		Revaktsineeritud / Revaccinated		Põdenud / Be lying ill	
		Laste arv / No. of children	%	Laste arv / No. of children	%	Laste arv / No. of children	%
0	11 169	0	0			0	0,0
1	12 144	8 773	72			4	0,0
2	12 853	11 448	89			4	0,0
3	13 006	12 148	93			4	0,0
4	13 440	12 756	95			16	0,1
5	14 308	13 706	96			19	0,1
6	16 551	15 970	97			28	0,2
7	18 117	17 474	97			41	0,2
8	19 980	19 238	96			54	0,3
9	21 484	20 908	97			68	0,3
10	21 831	21 302	98			90	0,4
11	21 621	21 050	97			143	0,7
12	21 066	20 478	97			218	1,0
13	20 816	20 264	97	14 912	72	151	0,7
14	21 818	21 213	97	17 483	80	167	0,8
1-14	249 035	236 728	95			1 007	0,4
0-14	260 204	236 728	95			1 007	0,4
13-14	42 634			32 395	76	318	0,7

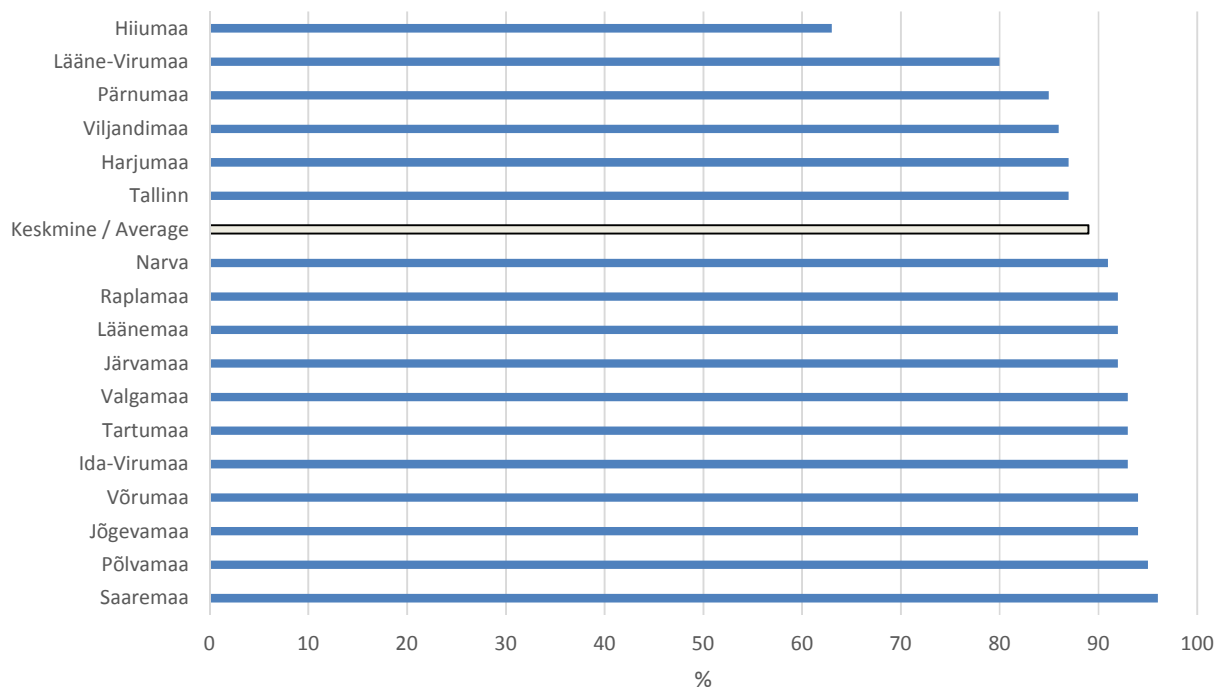
Leetrid. Kaheaastaste laste hõlmatus kaitsepookimisega piirkondade järgi (%)
Measles. Coverage of two-year old children with immunization by districts (%)

Piirkond / District	Aastad / Year			
	1995	1996	1997	1998
Tallinn	80	85	85	87
Narva	92	93	95	91
Harjumaa	73	80	87	87
Hiiumaa	60	79	72	63
Ida-Virumaa	86	90	91	93
Jõgevamaa	91	95	94	94
Järvamaa	83	87	88	92
Läänemaa	70	72	93	92
Lääne-Virumaa	74	79	83	80
Põlvamaa	88	94	95	95
Pärnumaa	83	85	85	85
Raplamaa	88	94	93	92
Saaremaa	96	97	96	96
Tartumaa	85	86	92	93
Valgamaa	90	94	92	93
Viljandimaa	71	79	82	86
Võrumaa	72	83	81	94

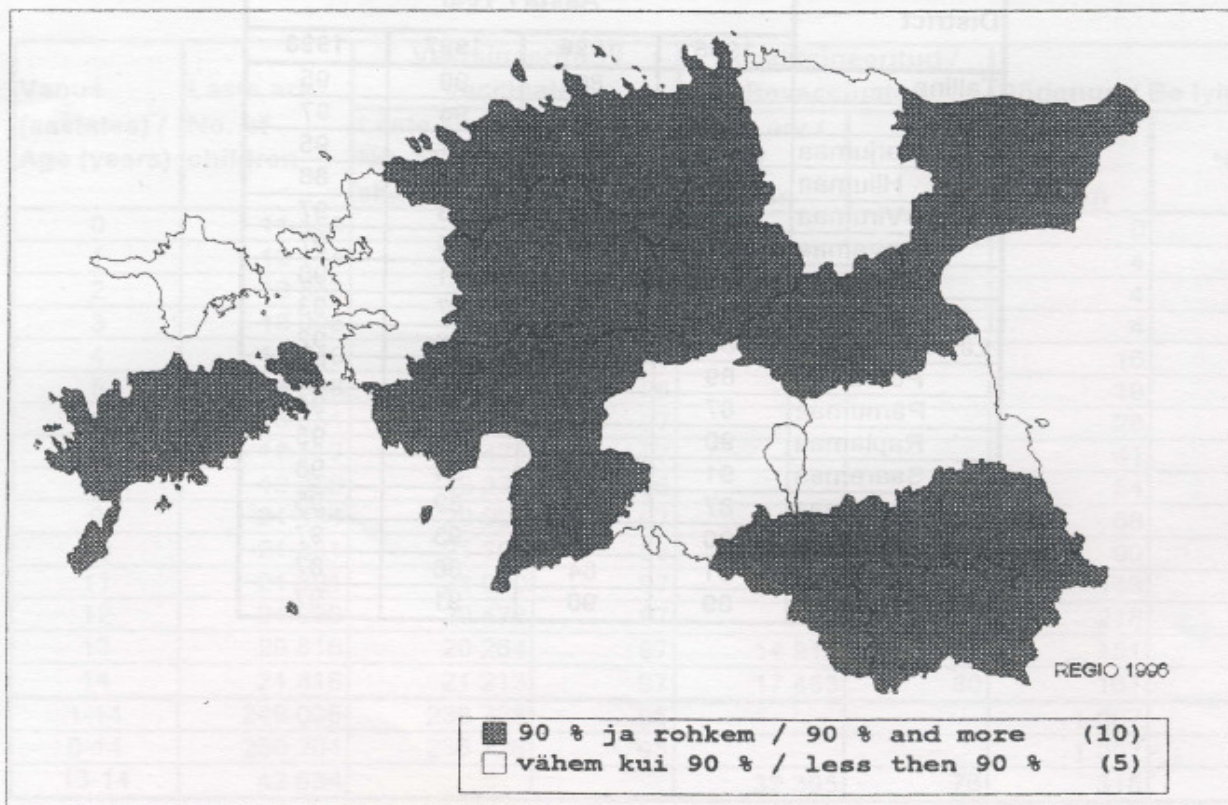
Leetrid. 1-14-aastaste laste hõlmatus kaitsepookimisega piirkondade järgi (%)
Measles. Coverage of 1-14 years old children with immunization by districts (%)

Piirkond / District	Aastad / Year			
	1995	1996	1997	1998
Tallinn	88	89	90	95
Narva	93	93	94	97
Harjumaa	88	89	91	95
Hiiumaa	78	85	87	88
Ida-Virumaa	92	93	93	97
Jõgevamaa	91	92	94	97
Järvamaa	87	89	91	96
Läänemaa	87	86	87	93
Lääne-Virumaa	84	87	88	92
Põlvamaa	89	91	93	96
Pärnumaa	87	88	90	94
Raplamaa	90	91	92	95
Saaremaa	91	93	94	98
Tartumaa	87	88	89	95
Valgamaa	90	92	93	97
Viljandimaa	81	84	86	87
Võrumaa	89	90	91	97

Leetrid. Kaheaastaste laste hõlmatus kaitsepookimisega 1998.a. (%)
Measles. Coverage of two-year old children with immunization in 1998 (%)



Leetrid. 1-14-aastaste laste hõlmatus kaitsepookimisega 1997. a. (%)
Measles. Coverage of 1-14 years children with immunization in 1997 (%)



Leetrid. Kaitsepoogitud inimeste haigestumine sõltuvalt vaktsineerimise aastast
Measles. Morbidity of immunized people depending on the year of vaccination

Aasta / Year	Kaitsepoogitud haigete arv / No. of immunized patients	Vaktsineerimise aasta / Vaccinations (years)																																			
		1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998				
1967	2	2																																			
1968	43		43																																		
1969	204	79	100	25																																	
1970	136	26	40	10	60																																
1971	691	295	160	70	33	133																															
1972	130	14	13	22	32	11	38																														
1973	490	8	8	23	18	130	117	186																													
1974	110	3	4	40	7	14	12	10	20																												
1975	644	59	32	35	106	179	103	65	44	21																											
1976	1 674	349	200	100	168	224	207	167	120	98	41																										
1977	609	59	43	69	48	67	92	70	46	54	40	21																									
1978	260	16	11	11	15	18	33	37	31	28	17	22	14																								
1979	790	13	12	28	112	97	132	123	80	54	34	37	24	14																							
1980	760	17	33	35	52	123	125	156	73	44	38	21	14	12	13																						
1981	1 579	5	11	20	187	225	240	275	198	138	70	54	40	40	36	40																					
1982	3 614	25	52	82	189	336	474	623	449	488	197	154	117	109	122	121	76																				
1983	130		1		4	10	5	5	6	9	11	8	9	11	11	19	18	3																			
1984	136			1	5	4	12	21	15	15	8	10	8	7	3	7	4	9	7																		
1985	118		1		4	5	7	9	11	5	5	4	4	6	10	5	16	6	9	11																	
1986	62				2	4	3	7	3	3	5	3	3	6	2	4	8	5	1	3	0																
1987	1 174	1		3	15	51	86	119	119	119	62	50	52	51	77	51	51	47	59	71	55	35															
1988	441		3	2	2	12	28	31	34	28	29	23	28	25	24	20	21	35	37	17	21	9	12														
1989	157	1				6	5	13	12	4	7	8	15	9	10	8	9	5	5	13	10	4	9	4													
1990	17												1	1	1	2	2	1	0	1	2	4	2	0	0												
1991	68					2	2	3	1	5	3	2	3	10	5	3	3	1	4	2	4	8	3	3	0	1											
1992	41					2		1		1		3				4	2	1	2	3	6	5	2	5	3	1	0										
1993	202								1	1	2	5	6	5	18	10	20	7	16	19	18	19	15	15	7	5	6	1									
1994	78										1	1	1	3	5	8	1	5	7	9	10	4	2	3	4	5	4	4	1								
1995	6												1								1		1		1				1	1							
1996	8																					1	1					1	1	2	2						
1997	7																	1					2	1			2			1							
1998	6																1					1		1	1					1			1				

Leetrid. Vaktsineeritud laste seroloogiline uurimine ja korduv kaitsepookimine
Measles. Serological testing of immunized children and repeated vaccination

Aasta / Year	Piirkond / District	Kontingent / Contingent	Uuritud laste arv / No. of tested children	Nendest oli seronegatiivseid / Seronegative out of the No.		Teistkordselt vaktsineeritud laste arv / No. of repeatedly vaccinated children
				arv / No.	%	
1982	Narva	Lasteaia lapsed ja 1-7. kl. õpilased / Kindergarten children and 1-7 form pupils	5 444	1 079	20	856
1983	Narva	1-7. kl. õpilased / 1-7 form pupils	861	92	11	11
1984	Narva	1-7. kl. õpilased / 1-7 form pupils	704	55	8	159
	Tallinn, Kohtla- Järve, Tartu, Pärnu	1-6. kl. õpilased / 1-6 form pupils	23 752	3 119	13	2 700
1985	Tallinn, Pärnu, Narva	1-6. kl. õpilased / 1-6 form pupils	9 385	946		2 111
	Tartu	10-11 kuu vanuses vaktsineeritud lapsed / Children vaccinated at the age of 10-11 months				822
1986	Kohtla-Järve, Pärnu, Tartu, Rapla	3-14 a. lapsed / 3-14 years old children	1 732	219	13	
	Teised linnad ja rajoonid / Another cities and counties	10-11 kuu vanuses vaktsineeritud lapsed / Children vaccinated at the age of 10-11 months				17 254
1987	Kohtla-Järve, Pärnu, Tartu, Rapla	Lapsed kuni 14. eluaastani / Children age to 14 years	2 648	451	17	
	Teised linnad ja rajoonid / Another cities and counties	10-11 kuu vanuses vaktsineeritud lapsed / Children vaccinated at the age of 10-11 months				7 482
1988	Tallinn, Kohtla- Järve, Tartu, Pärnu, Narva, Rapla, Võru	Lapsed kuni 14. eluaastani / Children age to 14 years	10 527	1 131	11	865
	Rajoonid / Counties	1. klassi minevad lapsed / Children going to the 1-st form				5 956
1989	Narva	1.-3. kl. õpilased / 1-3 form pupils	4 850	1 092	22	
	Tallinn, Pärnu, Kohtla-Järve	6-aastased lapsed / 6-years old children	5 584	647	11	
	Rajoonid / Counties	1. klassi minevad lapsed / Children going to the 1-st form				6 672

Märkus: linnades vaktsineeriti teistkordselt seronegatiivseid lapsi, rajoonides aga kõiki kooliminejaid ilma seroloogilise uurimiseta

Note: urban seronegative children were vaccinated repeatedly, and in counties all schoolgoing children without serological testing

Leetrid. Laste seroloogilise uuringu tulemused Põlvas ja Võrus, 1985
Measles. Results of serological investigation of children in Põlva and Võru, 1985

Vanus (aastates) / Age (years)	Uuritud laste arv / No. of tested children	Antikehade tiitrid / Antibody titres							
		< 1:4	1:4	1:8	1:16	1:32	1:64	1:128	1:256
1	1				1				
2	3	1	1		1				
3	82	18	12	24	21	4	2	1	
4	120	28	23	25	34	8	1	1	
5	131	39	20	35	22	12	2	1	
6	124	40	30	24	18	7	4	1	
7	138	55	35	27	14	4	3		
8	123	46	31	25	13	5	3		
9	120	46	35	22	9	6	2		
10	122	59	23	23	12	2	2		1
11	41	16	12	6	5	1	1		
12	3	1		1	1				
Kokku / Total	1008	349	222	212	151	49	20	4	1
%	100	34,5	22,0	21,0	15,0	5,0	2,0	0,4	0,1

Leetrid. Seroloogilise uuringu tulemused Tartus, 1986
Measles. Results of serological investigation in Tartu, 1986

Vanus (aastates) / Age (years)	Uuritud inimeste arv / No. of tested persons	Antikehade tiitrid / Antibody titres							
		< 1:10	1:10	1:20	1:40	1:80	1:160	1:320	
0	150	64	44	9	13	12	4	4	
1	50	31	6	3	3	3	1	3	
2	53	27	4	7	3	5	3	4	
3	35	12	2	7	4	8	1	1	
4	29	4	9	8	2	4	1	1	
5	27	7	4	3	6	4	3		
6	31	5	3	7	8	4	3	1	
7	23	7	1	5	3	6	1		
8	100	4	61	16	13	2	2	2	
9	106	4			≥1:10	102			
10	103	4			≥1:10	99			
11	103	5			≥1:10	98			
12	101	3			≥1:10	98			
13	100	2			≥1:10	98			
14	100		27	22	31	3	4	13	
15	102	13	24	11	22	16	6	10	
16	62	4	12	12	16	7	6	5	
17	20		4	6	3	3	1	3	
18-27	102	4	7	11	18	32	17	13	
28-37	108	3	1	13	24	14	27	26	
38-47	100		7	15	16	15	21	26	
48-57	104	2	6	16	16	21	15	28	
>57	111		9	11	17	19	11	44	
Kokku / Total	1 820	205	231	182	218	178	127	184	

Leetrid. Seroloogilise uuringu tulemused Kohtla-Järvel, 1986/1987
Measles. Results of serological investigation in Kohtla-Järve, 1986/1987

Vanus (aastates) / Age (years)	Uuritud inimeste arv / No. of tested persons	Antikehade tiitrid / Antibody titres						
		< 1:10	1:10	1:20	1:40	1:80	1:160	1:320
0	91	47	13	11	7	4	4	5
1	60	31	2	5	2	6	6	8
2	55	9	3	5	6	3	13	16
3	32	6		1	2	6	3	14
4	29	3	2	3	2	5	1	13
5	33	5	2	4	3	5	3	11
6	108	9	7	15	13	18	13	33
7	210	27	17	16	31	29	34	56
8	71	7	8	6	11	12	9	18
9	45	1	4	6	6	10	8	10
10	41	3	2	9	5	7	4	11
11	52	6		8	3	13	4	18
12	31	3	3	4	2	5	7	7
13	34	7	3	5	4	7	4	2
14	30	4	2	4	3	4	6	7
15	36	3	2	5	3	8	3	12
16	102	3	13	5	21	21	12	27
17	66	1	5	10	13	11	15	11
18-27	100	4	6	11	10	11	17	41
28-37	117	2	3	6	16	7	13	70
38-47	101	5	3	6	14	18	17	38
48-57	103	3	4	10	10	11	14	50
>57	100	6	6	5	12	8	9	54
Kokku / Total	1 647	195	110	160	199	229	219	532
%		12	7	10	12	14	13	32

Leetrid. Seroloogilise uuringu tulemused Pärnus, 1986/1987
Measles. Results of serological investigation in Pärnu, 1986/1987

Vanus (aastates) / Age (years)	Uuritud inimeste arv / No. of tested persons	Antikehade tiitrid / Antibody titres								
		< 1:10	1:10	1:20	1:40	1:80	1:160	1:320	1:640	1:1280
1										
2	150	17	36	35	36	17	7	2		
3	100	11	16	27	22	17	4	2	1	
4	100	15	30	23	13	11	5	3		
5	100	15	29	18	14	15	6	2	1	
6	102	9	29	19	19	17	5	3	1	
7	98	11	28	24	19	12	2	2		
8	100	20	30	20	18	9	1	2		
9	100	21	33	25	14	4	1	1	1	
10	100	26	32	21	10	9	2			
11	100	20	34	23	15	6	1	1		
12	100	28	30	17	15	6	3	1		
13	100	23	36	25	12	4				
14	100	29	25	23	11	4	7	1		
15	105	19	31	24	14	9	5	3		
16	103	18	15	23	19	20	6	2		
17	105	11	32	18	23	13	7	1		
18-27	110	14	17	27	24	14	10	2	1	1
28-37	110	17	34	18	14	11	10	4	1	1
38-47	102	16	19	20	23	5	10	4	3	2
48-57	102	15	25	16	18	16	11		1	
≥ 58	100	6	21	15	25	19	6	7	1	
Kokku / Total	2 187	361	582	461	378	238	109	43	11	4
%		16	27	21	17	11	5	2	0,5	0,2

Leetrid. Seroloogilise uuringu tulemused (Kohtla-Järve, Tartu, Raplamaa, Võrumaa, 1988)
Measles. Results of serological investigation (Kohtla-Järve, Tartu, Raplamaa, Võrumaa, 1988)

Vanus (aastates) / Age (years)	Uuritud inimeste arv / No. of tested persons	Antikehade tiitrid / Antibody titres						
		< 1:10	1:10	1:20	1:40	1:80	1:160	1:320
0	12	11	1					
1	20	7	4	1	3	1	2	2
2	23	3	4	5	3	2	4	2
3	25	7	3	4	4	3	3	1
4	27	8	3	1	6	2	5	2
5	32	5	9	3	5	7	1	2
6	4	1	1			1	1	
7	4		1		1		1	1
8	15	4	3	2	3	3		
9	29	9	5	3	4	5	3	
10	19		6	6	5	1		1
11	19	3	5	3	3	3	1	1
12	36	6	5	14	5	2	2	2
13	15	3	5		1	3	2	1
14	20	2	8	3	1	3	2	1
15	66	20	8	11	9	8	6	4
16	6	1	2	2			1	
17	28	1	6	2	3	6	3	7
> 17	45	8	5	13	7	4	4	4
Kokku / Total	445	99	84	73	63	54	41	31
%		22	19	16	14	12	9	7

Leetrid. Seroloogilise uuringu tulemused Narvas, 1988
Measles. Results of serological investigation of children in Narva, 1988

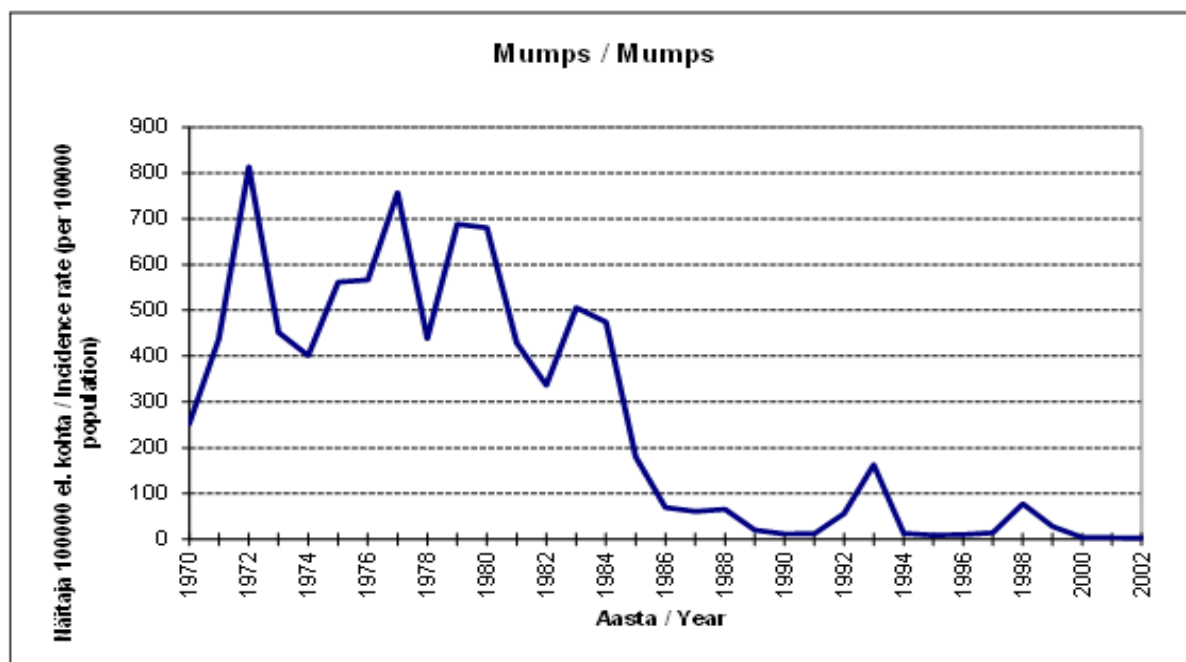
Vanus (aastates) / Age (years)	Uuritud laste arv / No. of tested children	Antikehade tiitrid / Antibody titres							Positiivne vastus seerumilahjenduses 1:4 / Positive response in serum dilution 1:4
		< 1:4	1:4	1:8	1:16	1:32	1:64	1:128	
1									
2									
3									
4									
5									
6									
7	129	15	8	6	1				99
8	634	188	34	67	25	9	3		308
9	761	245	45	64	26	15	1		365
10	705	227	64	54	19	4	3	1	333
11	145	43	12	11	3	2	2		72
12	5	1	2						2
13	4	1	1						2
Kokku / Total	2 383	720	166	202	74	30	9	1	1 181

Mumps (ICD-10, B26)

Mumps (ICD-10, B26)

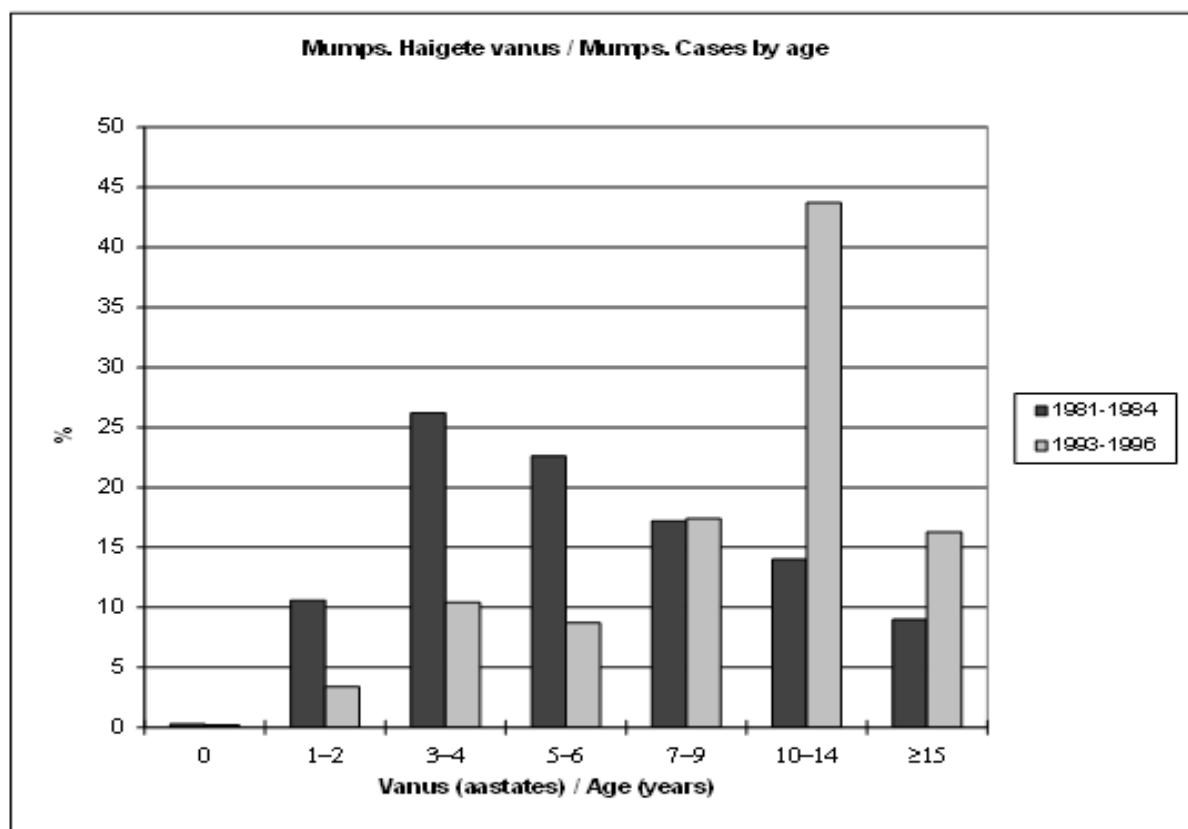
Mumps. Üldandmed haigestumise kohta
Mumps. Cases and incidence rate

Aasta Year	Haigete arv Cases No.	Näitaja 100000 el. kohta Incidence rate (per 100000 population)	Haigete sugu Cases by gender				Haigete elukoht Cases by residence			
			Mehed Males	%	Naised Females	%	Linnas Urban	Näitaja 100000 el. kohta Incidence rate (per 100000 population)	Maal Rural	Näitaja 100000 el. kohta Incidence rate (per 100000 population)
1980	10 058	680	5 305	53	4 753	47	7 227	695	2 831	644
1981	6 396	429	3 426	54	2 970	46	5 014	479	1 382	315
1982	5 054	336	2 703	53	2 351	47	4 142	388	912	209
1983	7 648	505	4 036	53	3 612	47	5 478	508	2 170	498
1984	7 228	474	3 724	52	3 504	48	4 539	417	2 689	616
1985	2 754	180	1 437	52	1 317	48	1 982	180	772	176
1986	1 075	69	553	51	522	49	835	75	240	55
1987	955	61	512	54	443	46	870	77	85	19
1988	1 028	65	553	54	475	46	699	62	329	74
1989	521	33	280	54	241	46	358	32	163	36
1990	187	12	102	54	85	46	159	14	28	6
1991	186	12	102	55	84	45	164	15	22	5
1992	857	56	472	55	385	45	745	68	112	26
1993	2 470	163	1 304	53	1 166	47	2 204	208	266	59
1994	195	13	114	59	81	41	156	15	39	9
1995	132	9	75	57	57	43	112	11	20	4
1996	140	10	80	57	60	43	113	11	27	6
1997	213	14	104	49	109	51	192	19	22	5
1998	1 127	78	639	57	488	43	797	78	330	76



Mumps. Haigete vanus
Mumps. Cases by age

Aasta / Year	Vanus (aastates) / Age (years)						
	0	1-2	3-4	5-6	7-9	10-14	≥15
1980	33	116	2 733	2 094	1 711	1 446	925
1981	20	771	1 926	1 407	941	768	563
1982	26	569	1 418	1 047	858	690	436
1983	22	826	1 977	1 849	1 297	1 007	668
1984	23	613	1 580	1 640	1 443	1 222	707
1985	8	298	618	634	500	388	308
1986	4	128	243	275	166	119	140
1987	5	115	170	169	211	196	89
1988	1	91	175	147	205	270	139
1989	2	54	105	89	118	93	60
1990	1	24	36	46	39	26	15
1991	1	23	29	23	26	49	35
1992	3	40	63	64	207	403	77
1993	4	50	196	186	429	1 191	414
1994	1	28	50	30	28	35	23
1995	0	15	35	23	24	27	8
1996	0	6	24	16	30	31	33
1997	0	5	13	17	30	88	60
1998	0	45	44	38	223	433	344



Mumps. Haigestumus piirkondade järgi
Mumps. Incidence rate by districts

Piirkond / District	1980		1981		1982		1983		1984		1985	
	Haigete arv Cases No.	Haigete 100000 el. kohta Incidence rate per 100000 population	Haigete arv Cases No.	Haigete 100000 el. kohta Incidence rate per 100000 population	Haigete arv Cases No.	Haigete 100000 el. kohta Incidence rate per 100000 population	Haigete arv Cases No.	Haigete 100000 el. kohta Incidence rate per 100000 population	Haigete arv Cases No.	Haigete 100000 el. kohta Incidence rate per 100000 population	Haigete arv Cases No.	Haigete 100000 el. kohta Incidence rate per 100000 population
Taifinn	2 579	569	2 127	462	1 580	339	2 667	566	1 992	418	316	65
Narva	457	581	454	566	413	507	164	199	189	227	389	462
Tartu	1 105	1 040	352	328	69	63	98	89	406	369	170	153
Ida-Vilumaa	1 263	1 109	456	397	513	444	1 098	944	204	175	599	512
Pänumaa	548	563	183	187	772	787	853	866	333	336	100	100
Läänemaa	203	618	21	64	17	52	364	1 103	357	1 078	64	192
Harjumaa	237	264	144	158	338	365	479	507	408	424	81	83
Hilumaa	196	1 942	148	1 462	3	29	20	195	95	914	11	105
Jõgevamaa	225	536	99	235	179	425	12	28	114	270	93	220
Saaremaa	67	174	16	41	119	308	88	227	185	474	100	255
Järvamaa	497	1 181	28	66	20	47	457	1 069	420	979	54	125
Põlvamaa	436	1 218	496	1 388	88	246	29	81	165	515	308	857
Lääne-Vilumaa	710	912	650	838	398	514	219	282	342	438	59	75
Raplamaa	49	128	58	151	22	57	262	683	535	1 387	124	318
Tartumaa	534	1 106	328	682	87	182	108	227	449	947	166	350
Valgamaa	78	175	226	510	150	340	24	55	32	74	12	28
Viljandimaa	789	1 184	182	274	31	47	697	1 060	172	37	17	26
Võrumaa	85	181	428	918	255	549	9	19	809	1 232	91	195
Kokku / Total	10 058	749	6 396	485	5 054	295	7 648	456	7 207	572	2 754	229

Piirkond / District	1986		1987		1988		1989		1990		1991	
	Haigete arv Cases No.	Haigete 100000 el. kohta Incidence rate per 100000 population	Haigete arv Cases No.	Haigete 100000 el. kohta Incidence rate per 100000 population	Haigete arv Cases No.	Haigete 100000 el. kohta Incidence rate per 100000 population	Haigete arv Cases No.	Haigete 100000 el. kohta Incidence rate per 100000 population	Haigete arv Cases No.	Haigete 100000 el. kohta Incidence rate per 100000 population	Haigete arv Cases No.	Haigete 100000 el. kohta Incidence rate per 100000 population
Taifinn	438	89	508	102	182	36	135	27	78	15	103	21
Narva	219	258	56	65	23	26	29	33	10	11	11	13
Tartu	37	33	41	36	46	40	26	23	9	8	18	16
Ida-Vilumaa	47	40	66	56	46	39	28	24	38	33	20	19
Pänumaa	23	23	21	21	75	74	14	14	10	10	3	3
Läänemaa	9	27	1	3	4	12	27	79	0	0	3	9
Harjumaa	17	17	31	31	12	12	76	71	5	5	0	0
Hilumaa	0	0	0	0	0	0	0	0	0	0	0	0
Jõgevamaa	135	319	14	33	17	40	5	12	0	0	7	16
Saaremaa	2	5	6	15	5	12	4	10	3	7	2	5
Järvamaa	6	14	9	21	68	154	40	92	2	5	0	0
Põlvamaa	8	22	5	14	14	39	4	11	3	8	4	11
Lääne-Vilumaa	31	40	18	23	11	14	6	7	13	16	3	4
Raplamaa	5	13	4	10	12	30	3	7	2	5	4	10
Tartumaa	53	111	11	23	11	23	10	20	3	6	2	4
Valgamaa	13	30	140	324	410	948	0	0	1	2		
Viljandimaa	8	12	14	21	62	95	99	150	5	8	4	6
Võrumaa	24	51	10	21	30	64	15	33	5	11	2	4
Kokku / Total	1 075	61	955	46	1 028	92	521	34	187	8	186	8

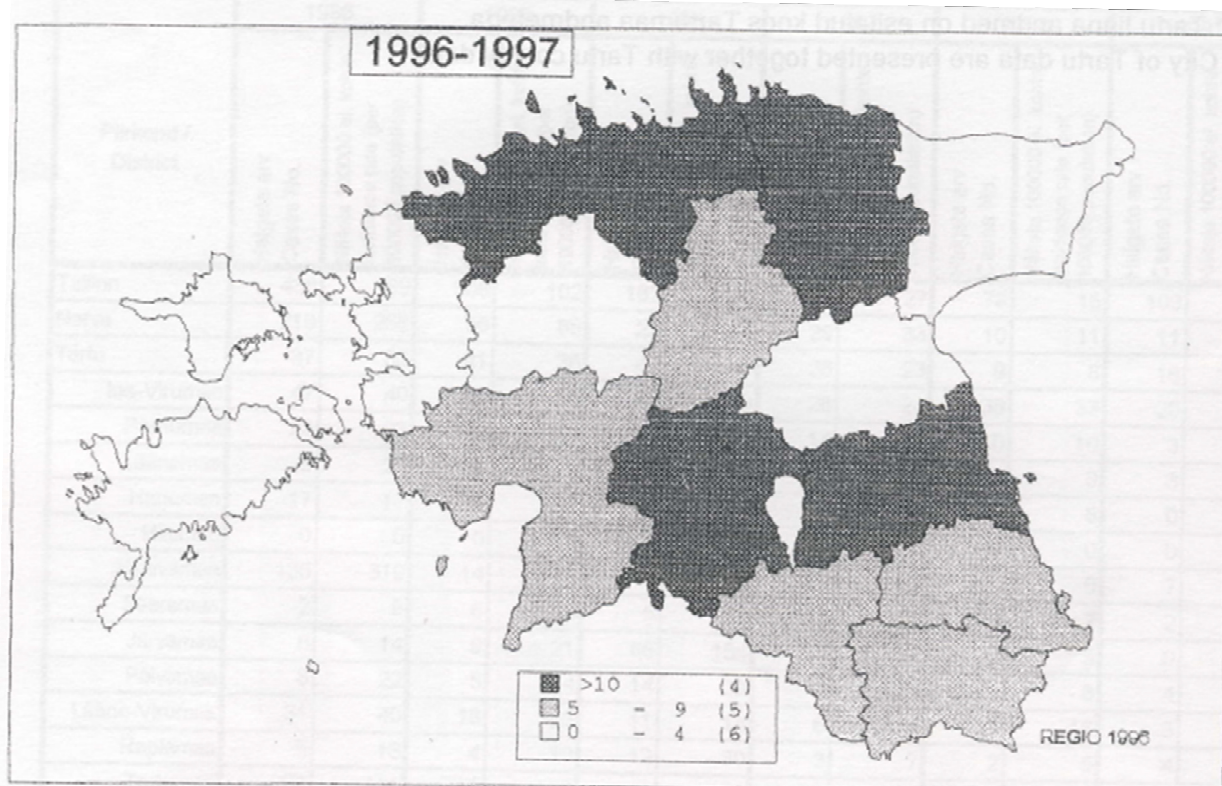
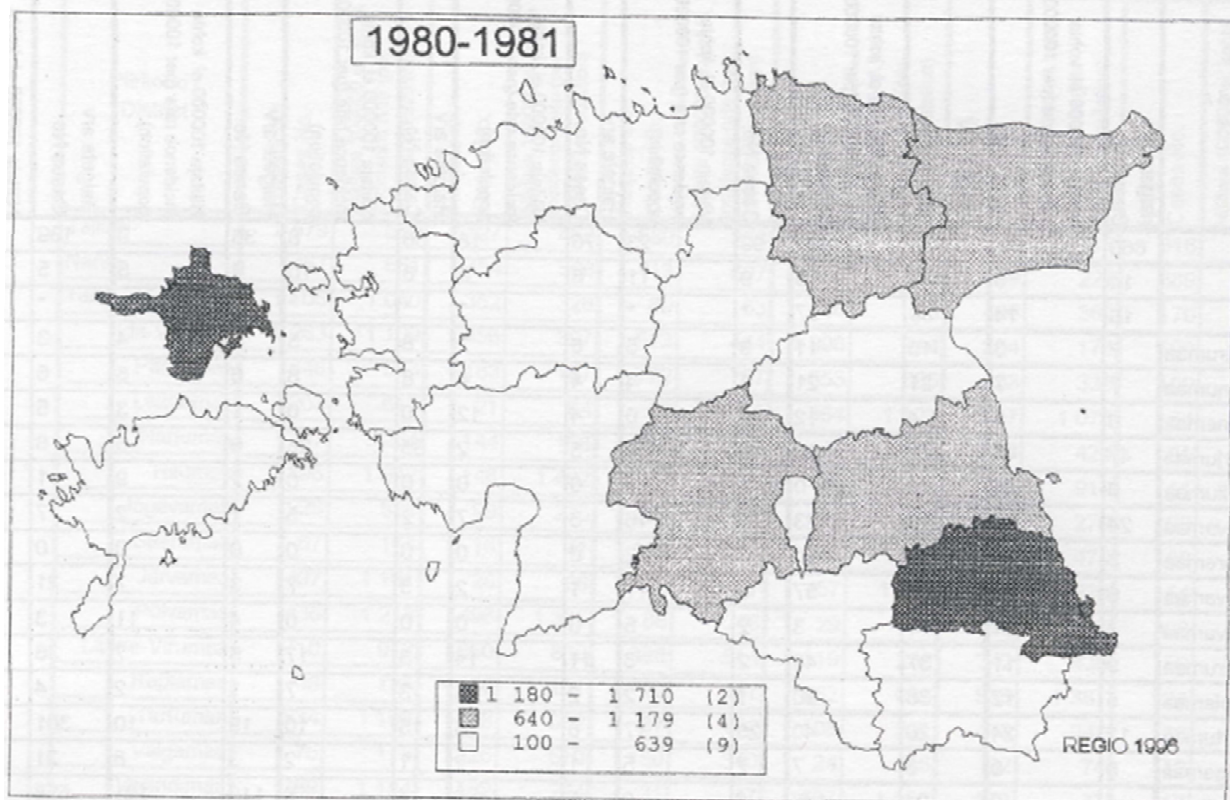
Mumps. Haigestumus piirkondade järgi
Mumps . Incidence rate by districts

Piirkond / District	1992		1993		1994		1995		1996		1997		1998	
	Haigete arv Cases No.	Näitaja 100000 el. kohta Incidence rate (per 100000 population)	Haigete arv Cases No.	Näitaja 100000 el. kohta Incidence rate (per 100000 population)	Haigete arv Cases No.	Näitaja 100000 el. kohta Incidence rate (per 100000 population)	Haigete arv Cases No.	Näitaja 100000 el. kohta Incidence rate (per 100000 population)	Haigete arv Cases No.	Näitaja 100000 el. kohta Incidence rate (per 100000 population)	Haigete arv Cases No.	Näitaja 100000 el. kohta Incidence rate (per 100000 population)	Haigete arv Cases No.	Näitaja 100000 el. kohta Incidence rate (per 100000 population)
Tallinn	660	134	1 973	426	99	23	76	18	36	8	36	9	139	32
Narva	14	6	7	8	9	11	6	8	8	10	4	5	5	6
Tartu	16	14	39	37	*	*	*	*	*	*	*	*	*	*
Ida-Virumaa	7	3	15	11	9	5	6	2	8	5	5	4	3	3
Pärnumaa	7	7	21	21	4	4	4	4	8	8	6	6	6	6
Läänemaa	0	0	4	12	0	0	4	12	0	0	1	3	5	16
Harjumaa	47	44	171	16	10	8	3	2	35	28	6	5	8	7
Hiiumaa	0	0	0	0	1	8	0	0	0	0	2	9	1	0
Jõgevamaa	24	56	10	23	7	16	3	7	2	5	1	2	7	17
Saaremaa	3	7	4	10	1	2	0	0	0	0	0	0	0	0
Järvamaa	6	14	25	57	5	11	1	2	3	7	3	7	21	51
Põlvamaa	4	11	1	3	2	5	0	0	0	0	4	11	3	9
Lääne-Virumaa	9	11	37	49	2	3	11	14	13	17	5	7	36	49
Raplamaa	5	12	36	90	1	2	2	5	3	7	1	2	4	10
Tartumaa	12	24	20	40	26	17	8	5	15	10	15	10	301	207
Valgamaa	0	0	3	7	2	5	1	2	1	2	3	8	21	54
Viljandimaa	6	9	94	145	6	9	6	9	4	6	119	191	558	87
Võrumaa	37	81	10	22	11	24	1	2	4	9	2	5	9	21
Kokku / Total	857	24	2 470	54	195	9	132	5	140	7	213	16	1 127	78

Märkus: * Tartu linna andmed on esitatud koos Tartumaa andmetega.

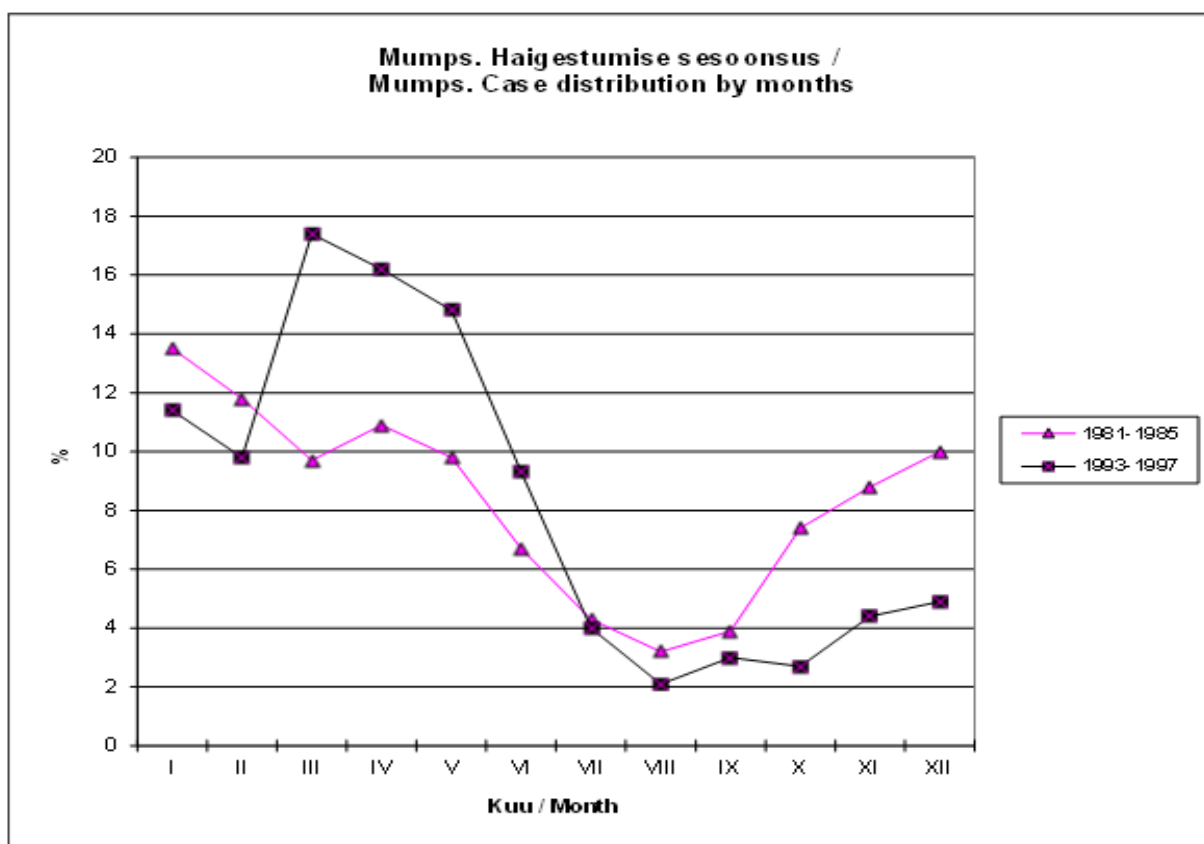
Notice: * City of Tartu data are presented together with Tartu county data.

Mumps. Keskmine haigestumus 100 000 el. kohta maakondades
Mumps. Average morbidity per 100 000 of population in counties



Mumps. Haigestumise sesoonsus (haigestumise daatumi järgi)
Mumps. Case distribution by months (according to the date of falling ill)

Aasta / Year	Kuu / Month											
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1980	1 010	1 169	1 144	1 232	1 010	682	420	328	478	714	897	915
1981	806	785	97	821	615	420	231	156	230	446	396	569
1982	566	665	688	547	436	271	202	144	182	340	495	484
1983	574	603	707	643	669	525	379	305	361	643	1 019	1 219
1984	1 347	1 019	905	809	750	473	291	189	212	447	375	389
1985	511	265	266	263	288	186	120	108	115	218	197	158
1986	154	101	146	136	158	74	45	22	52	77	60	34
1987	59	76	122	131	125	91	41	53	53	64	56	103
1988	168	187	144	102	80	48	26	30	48	52	66	65
1989	88	43	80	74	52	41	23	18	23	22	23	29
1990	23	18	28	20	23	10	8	9	10	10	18	8
1991	15	12	13	16	13	8	11	9	19	25	24	22
1992	19	28	65	90	189	87	38	23	22	41	89	232
1993	292	133	469	450	394	230	82	29	29	24	31	43
1994	20	24	22	16	12	8	11	14	17	15	16	14
1995	15	22	6	3	11	8	13	8	16	14	10	6
1996	4	6	15	11	17	22	10	7	16	10	14	10
1997	9	7	6	5	7	9	4	4	11	17	60	72
1998	132	118	178	127	199	138	53	28	45	45	24	61



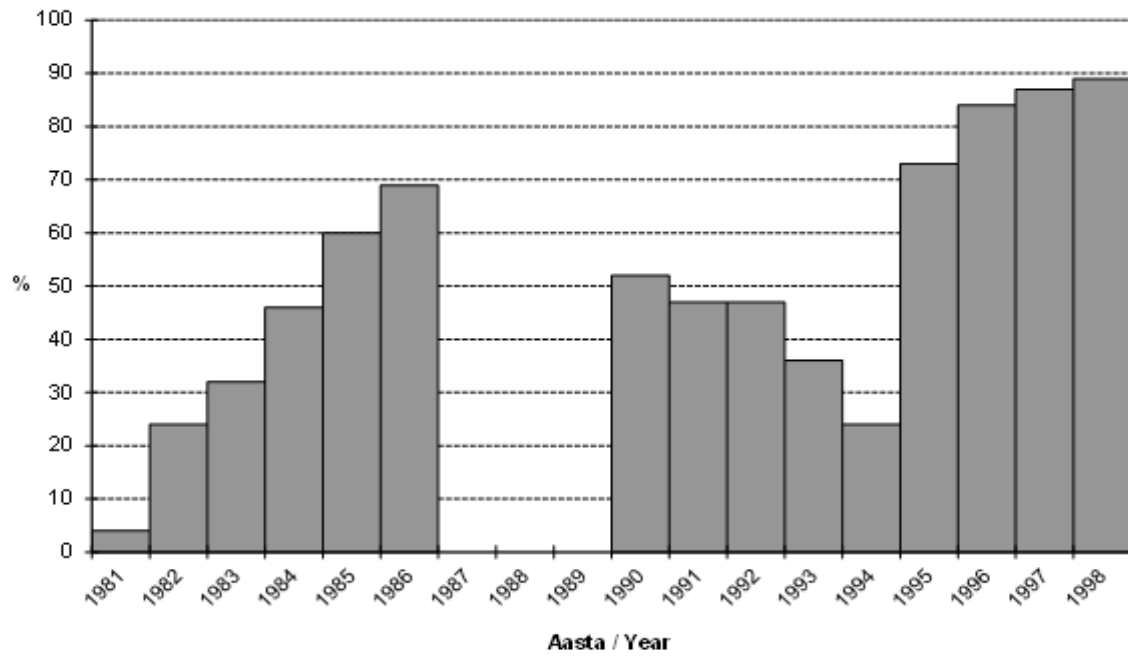
Mumps. Kaitsepoogitud inimeste arv
Mumps. Number of vaccinated persons

Aasta / Year	Vaktsineeritud inimeste arv / No. of vaccinated persons				Revaktsineeritud inimeste arv / No. of revaccinated persons			
	Lapsed / Children 0-14 a / y	Noorukid / Adolescents 15-17 a / y	Täiskasva- nud / Adults	Kokku / Total	Lapsed / Children 0-14 a / y	Noorukid / Adolescents 15-17 a / y	Täiskasva- nud / Adults	Kokku / Total
1981	3 708			3 708				
1982	12 949			12 949				
1983	15 583			15 583				
1984	19 618			19 618				
1985	25 893			25 893				
1986	28 815			28 815				
1987	24 309			24 309				
1988	21 187			21 187				
1989	18 364			18 364				
1990	16 107			16 107				
1991	18 473			18 473				
1992	16 293			16 293				
1993	11 109			11 109				
1994	8 013			8 013				
1995	34 126	3	16	34 145				
1996	21 960	401	1	22 362	59	0	152	211
1997	17 937	478	9	18 424	8 422	1 005	74	9 501
1998	15 685	338	503	16 526	19 659	1 752	503	21 914

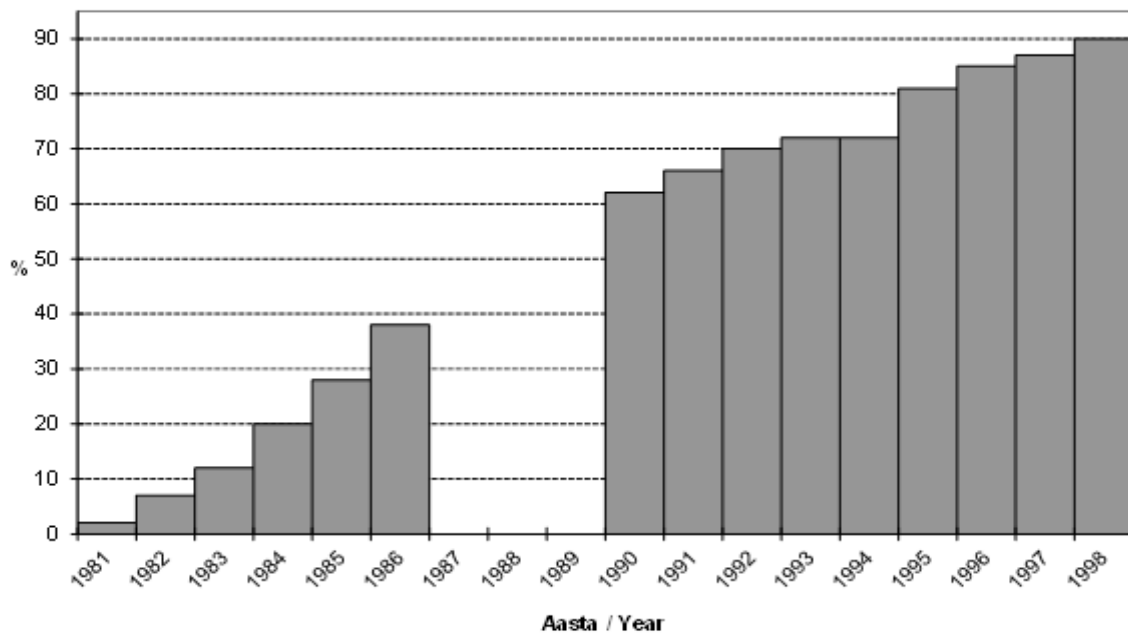
Mumps. Laste hõlmatus kaitsepookimisega
Mumps. Coverage of children with immunization

Aasta / Year	Laste arv / Number of children			Vastunäidustusi omavad / Contraindications		Vaktsineeritud 2-a. lapsi / Vaccinated 2-y old		Vaktsineeritud 1-14-a. lapsi / Vaccinated 1-14 y old		Revaktsineeritud 13-14-a. lapsi / Revaccinated 13-14 y old		Mumpsi põdenud 0-14-a. / Be lying ill 0-14 y		Immuunseid 0-14-a. lapsi kokku / Coverage 0-14 y	
	0-14 a / y	1-14 a / y	2 a / y	arv / No	%	arv / No	%	arv / No	%	arv / No	%	arv / No	%	arv / No	%
1981	315 255	294 353	21 071	7 223	2,5	905	4	7 307	2	0	0	41 329	13,1	48 636	15
1982	319 196	298 071	21 549	8 316	2,8	5 129	24	20 958	7	0	0	43 119	13,5	64 077	20
1983	321 098	299 194	21 744	5 952	2	7 027	32	36 210	12	0	0	42 966	13,4	79 176	25
1984	324 526	302 629	21 460	3 290	1	9 824	46	60 276	20	0	0	38 422	11,8	98 698	30
1985	328 048	306 602	22 394	2 752	0,9	13 480	60	86 826	28	0	0	35 967	11	122 803	37
1986	331 031	309 477	23 091	1 321	0,4	16 003	69	117 281	38	0	0	29 212	8,8	146 493	44
...															
1990	332 276	311 780	23 362	1 850	0,6	12 114	52	193 801	62	0	0	17 357	5,2	211 158	63
1991	336 251	318 061	23 262	1 822	0,6	10 929	47	210 027	66	0	0	13 668	4,1	223 695	66
1992	317 364	300 796	20 726	1 476	0,5	9 654	47	210 642	70	0	0	10 430	3,3	221 072	70
1993	306 692	292 523	17 959	1 211	0,4	6 564	36	210 573	72	0	0	9 387	3	219 960	72
1994	297 758	284 575	16 943	617	0,2	4 024	24	205 626	72	0	0	6 899	2,3	212 525	71
1995	289 310	276 666	14 630	478	0,2	10 669	73	224 060	81	0	0	4 657	1,6	228 717	79
1996	280 040	267 714	13 469	453	0,2	11 375	84	228 564	85	62	0,1	3 026	1,1	231 590	83
1997	271 148	259 445	12 904	356	0,1	11 206	87	225 951	87	7 816	18	2 306	0,8	228 257	84
1998	260 204	249 035	12 853	277	0,1	11 421	89	224 022	90	24 153	57	2 410	0,9	226 432	87

**Mumps. Kaheaastaste laste hõlmatus kaitsepookimisega (%) /
Mumps. Coverage of two-year old children with immunization (%)**



**Mumps. 1-14-a. laste hõlmatus kaitsepookimisega (%) /
Mumps. Coverage of 1-14 years children with immunization (%)**



Mumps. Laste hõlmatus kaitsesookimisega 1981. a.
Mumps. Coverage of children with immunization in 1981

Vanus (aastates) / Age (years)	Laste arv / No. of children	Vaktsineeritud / Vaccinated		Revaktsineeritud / Revaccinated		Põdenud / Be lying ill	
		Laste arv / No. of children	%	Laste arv / No. of children	%	Laste arv / No. of children	%
0	20 902	0				10	
1	21 123	1 264	6			107	0,5
2	21 071	905	4			706	3,4
3	21 006	498	2			1 527	7,3
4	21 388	362	2			2 643	12,4
5	21 236	400	2			3 222	15,2
6	20 687	343	2			4 048	19,6
7-14	167 842	3 535	2			29 066	17,3
0-14	315 255	7 307	2			41 329	13,0
1-14	294 353	7 307	2			41 319	14,0

Mumps. Laste hõlmatus kaitsesookimisega 1982. a.
Mumps. Coverage of children with immunization in 1982

Vanus (aastates) / Age (years)	Laste arv / No. of children	Vaktsineeritud / Vaccinated		Revaktsineeritud / Revaccinated		Põdenud / Be lying ill	
		Laste arv / No. of children	%	Laste arv / No. of children	%	Laste arv / No. of children	%
0	21 125	0				11	
1	21 728	3 166	15			170	0,8
2	21 549	5 129	24			406	2,0
3	21 386	2 854	13			1 039	5,0
4	21 122	2 059	10			1 919	9,0
5	21 438	2 109	10			2 645	12,4
6	21 118	1 683	8			3 236	15,3
7-14	169 730	3 958	2			33 693	20,0
0-14	319 196	20 958	6			43 130	13,5
1-14	298 071	20 958	7			43 119	14,5

Mumps. Laste hõlmatus kaits epookimisega 1983. a.
Mumps. Coverage of children with immunization in 1983

Vanus (aastates) / Age (years)	Laste arv / No. of children	Vaktsineeritud / Vaccinated		Revaktsineeritud / Revaccinated		Põdenud / Be lying ill	
		Laste arv / No. of children	%	Laste arv / No. of children	%	Laste arv / No. of children	%
0	21 904	0				8	
1	21 603	3 567	16			115	0,5
2	21 744	7 027	32			566	2,6
3	21 298	6 383	30			1 157	5,4
4	21 076	4 768	23			1 943	9,2
5	21 205	3 720	18			3 170	14,9
6	21 314	3 312	15			3 360	15,8
7-14	170 954	7 433	4			32 647	19,1
0-14	321 098	36 210	11			42 966	13,4
1-14	299 194	36 210	12			42 958	14,4

Mumps. Laste hõlmatus kaitsepookimisega 1984. a.
Mumps. Coverage of children with immunization in 1984

Vanus (aastates) / Age (years)	Laste arv / No. of children	Vaktsineeritud / Vaccinated		Revaktsineeritud / Revaccinated		Põdenud / Be lying ill	
		Laste arv / No. of children	%	Laste arv / No. of children	%	Laste arv / No. of children	%
0	21 897	0				2	
1	22 107	6 087	27			103	0,5
2	21 460	9 824	46			472	2,2
3	21 673	9 728	45			1 018	4,7
4	21 298	8 862	42			1 788	8,4
5	21 071	6 841	32			2 564	12,2
6	21 049	5 420	26			3 350	16,0
7-14	173 971	13 514	8			29 125	16,7
0-14	324 526	60 276	19			38 422	11,8
1-14	302 629	60 276	20			38 420	12,8

Mumps. Laste hõlmatus kaitsespookimisega 1986. a.
Mumps. Coverage of children with immunisation in 1986

Vanus (aastates) / Age (years)	Laste arv / No. of children	Vaktsineeritud / Vaccinated		Revaktsineeritud / Revaccinated		Põdenud / Be lying ill	
		Laste arv / No. of children	%	Laste arv / No. of children	%	Laste arv / No. of children	%
0	21 554	0				0	
1	22 516	8 933	40			12	
2	23 091	16 003	69			80	0,4
3	23 196	16 564	71			291	1,3
4	22 218	15 616	70			622	2,8
5	22 045	14 444	65			1 176	5,3
6	22 052	13 409	61			1 885	8,5
7-14	174 359	32 312	18			25 146	14,4
0-14	331 031	117 281	35			29 212	8,8
1-14	309 477	117 281	38			29 212	9,4

Mumps. Laste hõlmatus kaitsespookimisega 1990. a.
Mumps. Coverage of children with immunization in 1990

Vanus (aastates) / Age (years)	Laste arv / No. of children	Vaktsineeritud / Vaccinated		Revaktsineeritud / Revaccinated		Põdenud / Be lying ill	
		Laste arv / No. of children	%	Laste arv / No. of children	%	Laste arv / No. of children	%
0	20 496	0					
1	22 633	3 048	13			9	
2	23 362	12 144	52			24	0,1
3	23 411	16 207	69			71	0,3
4	22 234	17 454	78			120	0,5
5	22 105	18 882	85			151	0,7
6	22 475	19 760	88			223	1,0
7	23 331	19 598	84			523	2,2
8	22 081	18 373	83			921	4,2
9	22 175	16 624	75			1 540	7,0
10	21 405	14 101	66			1 986	9,3
11	21 784	11 777	54			2 678	12,3
12	21 880	10 097	46			2 896	13,2
13	21 912	8 476	39			3 145	14,3
14	20 992	7 260	35			3 070	14,6
0-14	332 276	193 801	58			17 357	5,2
1-14	311 780	193 801	62			17 357	5,6

Mumps. Laste hõlmatus kaitsepookimisega 1991. a.
Mumps. Coverage of children with immunization in 1991

Vanus (aastates) / Age (years)	Laste arv / No. of children	Vaktsineeritud / Vaccinated		Revaktsineeritud / Revaccinated		Pödenud / Be lying ill	
		Laste arv / No. of children	%	Laste arv / No. of children	%	Laste arv / No. of children	%
0	18 190	0					
1	21 383	2 596	12			3	
2	23 262	10 929	47			26	0,1
3	24 026	16 106	67			42	0,2
4	23 809	18 592	78			72	0,3
5	22 814	19 424	85			107	0,5
6	22 277	20 105	90			114	0,5
7	24 112	20 878	96			208	0,9
8	23 806	20 249	85			505	2,1
9	22 484	18 754	83			836	3,7
10	22 108	16 762	76			1 393	6,3
11	22 276	14 917	67			1 949	8,8
12	21 912	11 965	55			2 551	11,6
13	21 936	9 995	45			2 808	12,8
14	21 856	8 755	40			3 054	14,0
0-14	336 251	210 027	62			13 668	4,1
1-14	318 061	210 027	66			13 668	4,3

Mumps. Laste hõlmatus kaitsepookimisega 1992. a.
Mumps. Coverage of children with immunization in 1992

Vanus (aastates) / Age (years)	Laste arv / No. of children	Vaktsineeritud / Vaccinated		Revaktsineeritud / Revaccinated		Pödenud / Be lying ill	
		Laste arv / No. of children	%	Laste arv / No. of children	%	Laste arv / No. of children	%
0	16 568	0				3	
1	18 141	1 975	11			5	
2	20 726	9 654	47			29	0,1
3	22 320	14 272	64			57	0,3
4	22 744	17 359	76			73	0,3
5	22 551	18 805	83			80	0,4
6	21 832	18 564	85			124	0,6
7	22 167	18 656	84			204	0,9
8	22 145	19 606	88			293	1,3
9	22 383	19 794	88			494	2,2
10	21 298	18 072	85			737	3,5
11	21 593	16 990	79			1 355	6,3
12	21 356	14 985	70			1 883	8,8
13	20 840	11 799	57			2 443	11,7
14	20 700	10 111	49			2 650	12,8
0-14	317 364	210 642	66			10 430	3,3
1-14	300 796	210 642	70			10 427	3,5

Mumps. Laste hõlmatus kaitsepookimisega 1993. a.
Mumps. Coverage of children with immunization in 1993

Vanus (aastates) / Age (years)	Laste arv / No. of children	Vaktsineeritud / Vaccinated		Revaktsineeritud / Revaccinated		Pödenud / Be lying ill	
		Laste arv / No. of children	%	Laste arv / No. of children	%	Laste arv / No. of children	%
0	14 169	0				1	
1	16 943	1 400	8			14	0,1
2	17 959	6 564	36			38	0,2
3	20 465	12 415	61			121	0,6
4	22 090	15 650	71			142	0,6
5	22 704	18 141	80			157	0,7
6	22 512	18 969	84			168	0,7
7	21 726	18 470	85			247	1,1
8	21 161	18 749	89			340	1,6
9	21 785	19 615	90			411	1,9
10	22 028	19 383	88			623	2,8
11	21 008	17 884	85			898	4,3
12	20 972	16 580	79			1 522	7,3
13	20 969	14 725	70			2 041	9,7
14	20 201	12 028	60			2 664	13,2
0-14	306 692	210 573	69			9 387	3,1
1-14	292 523	210 573	72			9 386	3,2

Mumps. Laste hõlmatus kaitsepookimisega 1994. a.
Mumps. Coverage of children with immunization in 1994

Vanus (aastates) / Age (years)	Laste arv / No. of children	Vaktsineeritud / Vaccinated		Revaktsineeritud / Revaccinated		Pödenud / Be lying ill	
		Laste arv / No. of children	%	Laste arv / No. of children	%	Laste arv / No. of children	%
0	13 183	0				0	
1	14 445	2 535	17			7	
2	16 943	4 024	24			33	0,2
3	17 886	7 816	44			64	0,4
4	20 200	12 683	63			126	0,6
5	21 715	15 732	72			148	0,7
6	22 135	17 894	81			163	0,7
7	22 501	19 040	85			307	1,4
8	21 011	18 601	88			296	1,4
9	21 148	18 729	89			339	1,6
10	21 772	19 744	91			471	2,2
11	21 780	19 117	88			622	2,9
12	20 879	17 833	85			941	4,5
13	20 979	16 819	80			1 451	6,9
14	21 181	15 059	71			1 931	9,1
0-14	297 758	205 626	69			6 899	2,3
1-14	284 575	205 626	72			6 899	2,4

Mumps. Laste hõlmatus kaitsespookimisega 1995. a.
Mumps . Coverage of children with immunization in 1995

Vanus (aastates) / Age (years)	Laste arv / No. of children	Vaktsineeritud / Vaccinated		Revaktsineeritud / Revaccinated		Põdenud / Be lying ill	
		Laste arv / No. of children	%	Laste arv / No. of children	%	Laste arv / No. of children	%
0	12 644	0				1	
1	13 347	5 946	44			11	0,1
2	14 630	10 669	73			24	0,2
3	17 057	11 700	69			39	0,2
4	17 940	13 267	74			66	0,4
5	20 286	16 043	79			109	0,5
6	21 676	17 557	81			132	0,6
7	22 763	19 528	86			173	0,8
8	21 926	18 912	86			255	1,2
9	21 235	18 796	88			280	1,3
10	20 988	18 835	90			308	1,5
11	21 440	19 317	90			405	1,9
12	21 689	19 105	88			621	2,9
13	20 656	17 627	85			825	4,0
14	21 033	16 758	80			1 408	6,7
0-14	289 310	224 060	77			4 657	1,6
1-14	276 666	224 060	81			4 656	1,7

Mumps. Laste hõlmatus kaitsespookimisega 1996. a.
Mumps . Coverage of children with immunization in 1996

Vanus (aastates) / Age (years)	Laste arv / No. of children	Vaktsineeritud / Vaccinated		Revaktsineeritud / Revaccinated		Põdenud / Be lying ill	
		Laste arv / No. of children	%	Laste arv / No. of children	%	Laste arv / No. of children	%
0	12 326						
1	12 855	7 216	56			3	0,02
2	13 469	11 375	84			7	0,05
3	14 470	12 478	86			17	0,10
4	16 895	14 053	83			36	0,20
5	17 625	14 744	84			56	0,30
6	19 997	17 247	86			96	0,50
7	21 851	19 140	87			159	0,70
8	22 147	19 265	87			216	1,00
9	21 853	19 107	87			263	1,20
10	21 124	18 695	88			253	1,20
11	20 835	18 676	90	5		310	1,50
12	21 534	19 520	91	53		332	1,50
13	21 614	19 014	88	3		556	2,60
14	21 445	18 034	84	1		722	3,40
0-14	280 040	228 564	82			3 026	1,00
1-14	267 714	228 564	85	62		3 026	1,10
13-14	43 059			4		1 278	3,00

Mumps. Laste hõlmatus kaits epookimisega 1997. a.
Mumps. Coverage of children with immunization in 1997

Vanus (aastates) / Age (years)	Laste arv / No. of children	Vaktsineeritud / Vaccinated		Revaktsineeritud / Revaccinated		Põdenud / Be lying ill	
		Laste arv / No. of children	%	Laste arv / No. of children	%	Laste arv / No. of children	%
0	11 703						
1	12 724	8 236	65			7	0,05
2	12 904	11 206	87			6	0,05
3	13 537	12 249	90			6	0,04
4	14 370	12 810	89			18	0,10
5	16 674	14 500	87			40	0,20
6	17 641	15 149	86			57	0,30
7	20 497	18 154	88			122	0,60
8	21 553	18 970	88			173	0,80
9	22 101	19 387	88			206	0,90
10	21 782	19 088	88			215	1,00
11	21 116	18 672	88			245	1,20
12	20 993	18 714	89			268	1,30
13	21 504	19 639	91	5 281	24	377	1,70
14	22 049	19 157	87	2 535	11	566	2,60
0-14	271 148	225 931	83			2 306	1,00
1-14	259 445	225 931	87			2 306	1,00
13-14	43 553			7 816	18	943	2,00

Mumps. Laste hõlmatus kaits epookimisega 1998. a.
Mumps. Coverage of children with immunization in 1998

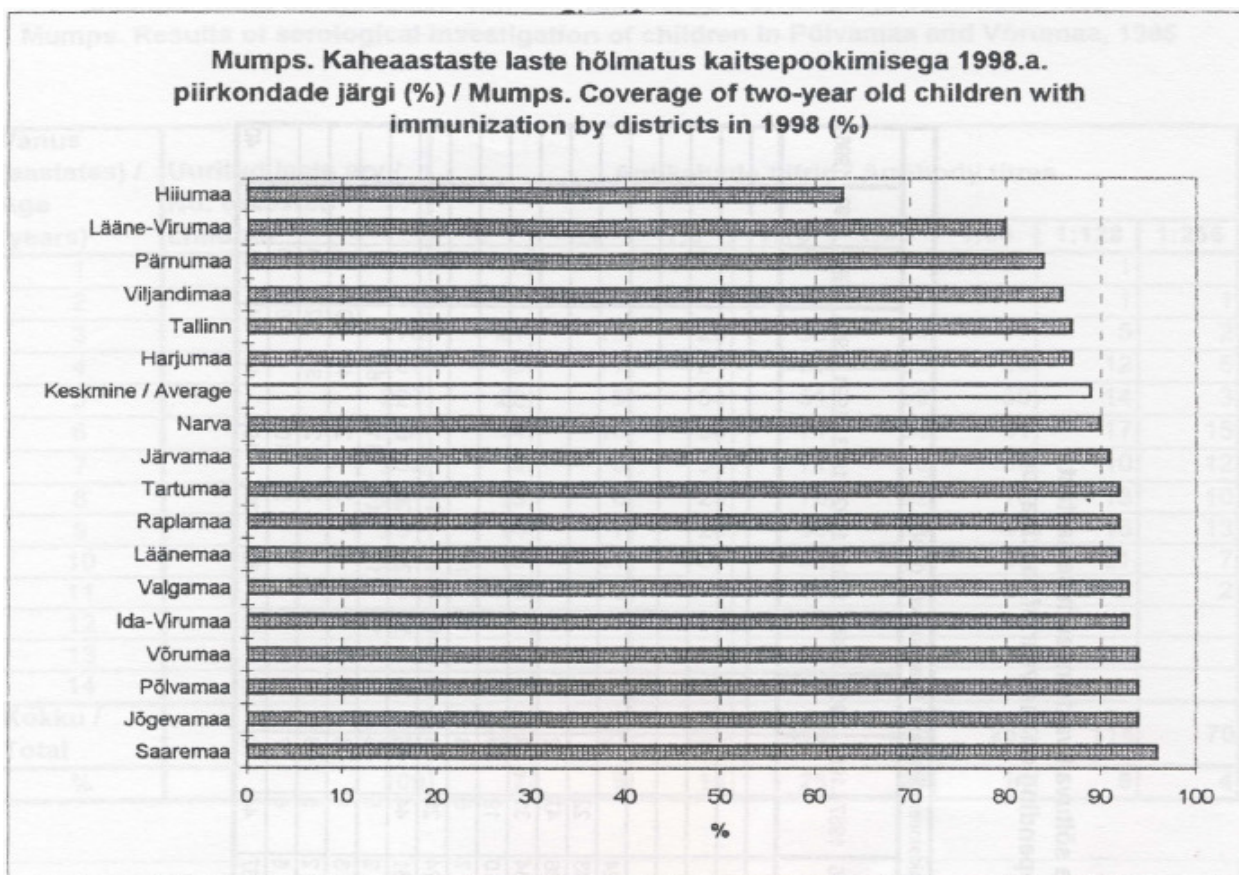
Vanus (aastates) / Age (years)	Laste arv / No. of children	Vaktsineeritud / Vaccinated		Revaktsineeritud / Revaccinated		Põdenud / Be lying ill	
		Laste arv / No. of children	%	Laste arv / No. of children	%	Laste arv / No. of children	%
0	11 169					1	0,0
1	12 144	8 761	72			1	0,0
2	12 853	11 421	89			9	0,1
3	13 006	12 030	93			13	0,1
4	13 440	12 670	94			15	0,1
5	14 308	13 321	93			61	0,4
6	16 551	14 985	91			43	0,3
7	18 117	16 161	89			142	0,8
8	19 980	17 989	90			192	1,0
9	21 484	19 302	90			260	1,2
10	21 831	19 572	90			275	1,3
11	21 621	19 225	89			291	1,3
12	21 066	18 867	90			325	1,5
13	20 816	19 382	93	12 674	61	342	1,6
14	21 818	20 336	93	11 479	53	440	2,0
0-14	260 204	224 022	86			2 410	0,9
1-14	249 035	224 022	90			2 409	1,0
13-14	42 634			24 153	57	782	1,8

Mumps. Kaheaastaste laste hõlmatus kaitsepookimisega piirkondade järgi (%)
Mumps. Coverage of two-year old children with immunization by districts (%)

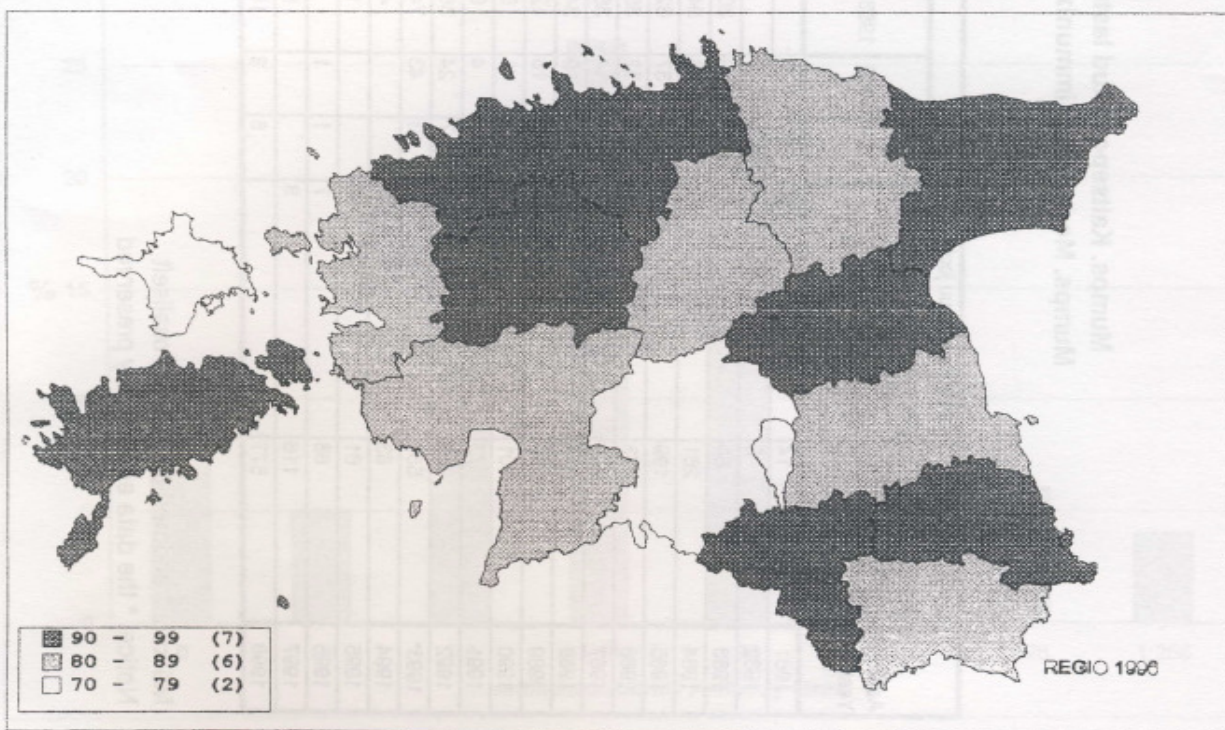
Piirkond / District	Aasta / Year			
	1995	1996	1997	1998
Tallinn	73	83	83	87
Narva	73	89	92	90
Harjumaa	62	78	86	87
Hiiumaa	44	79	69	63
Ida-Virumaa	75	88	91	93
Jõgevamaa	84	95	94	94
Järvamaa	77	87	88	91
Läänemaa	65	72	93	92
Lääne-Virumaa	66	79	82	80
Põlvamaa	82	94	95	94
Pärnumaa	67	83	80	84
Raplamaa	83	92	93	92
Saaremaa	93	97	96	96
Tartumaa	81	85	92	92
Valgamaa	85	94	92	93
Viljandimaa	62	78	82	86
Võrumaa	61	80	81	94

Mumps. 1-14-aastaste laste hõlmatus kaitsepookimisega piirkondade järgi (%)
Mumps. Coverage of 1-14 years children with immunization by districts (%)

Piirkond / District	Aasta / Year			
	1995	1996	1997	1998
Tallinn	77	80	82	87
Narva	82	86	86	93
Harjumaa	83	87	92	91
Hiiumaa	65	70	72	71
Ida-Virumaa	88	92	92	94
Jõgevamaa	86	93	95	96
Järvamaa	78	84	87	93
Läänemaa	83	83	84	86
Lääne-Virumaa	78	86	88	87
Põlvamaa	88	92	94	93
Pärnumaa	76	83	85	90
Raplamaa	90	93	94	95
Saaremaa	90	94	97	97
Tartumaa	83	87	89	91
Valgamaa	84	90	91	91
Viljandimaa	74	77	75	81
Võrumaa	86	90	89	95



Mumps. 1-14-aastaste laste hõlmatus kaitsepookimisega 1997. a. piirkondade järgi (%)
Mumps. Coverage of 1-14 years children with immunization by districts in 1997 (%)



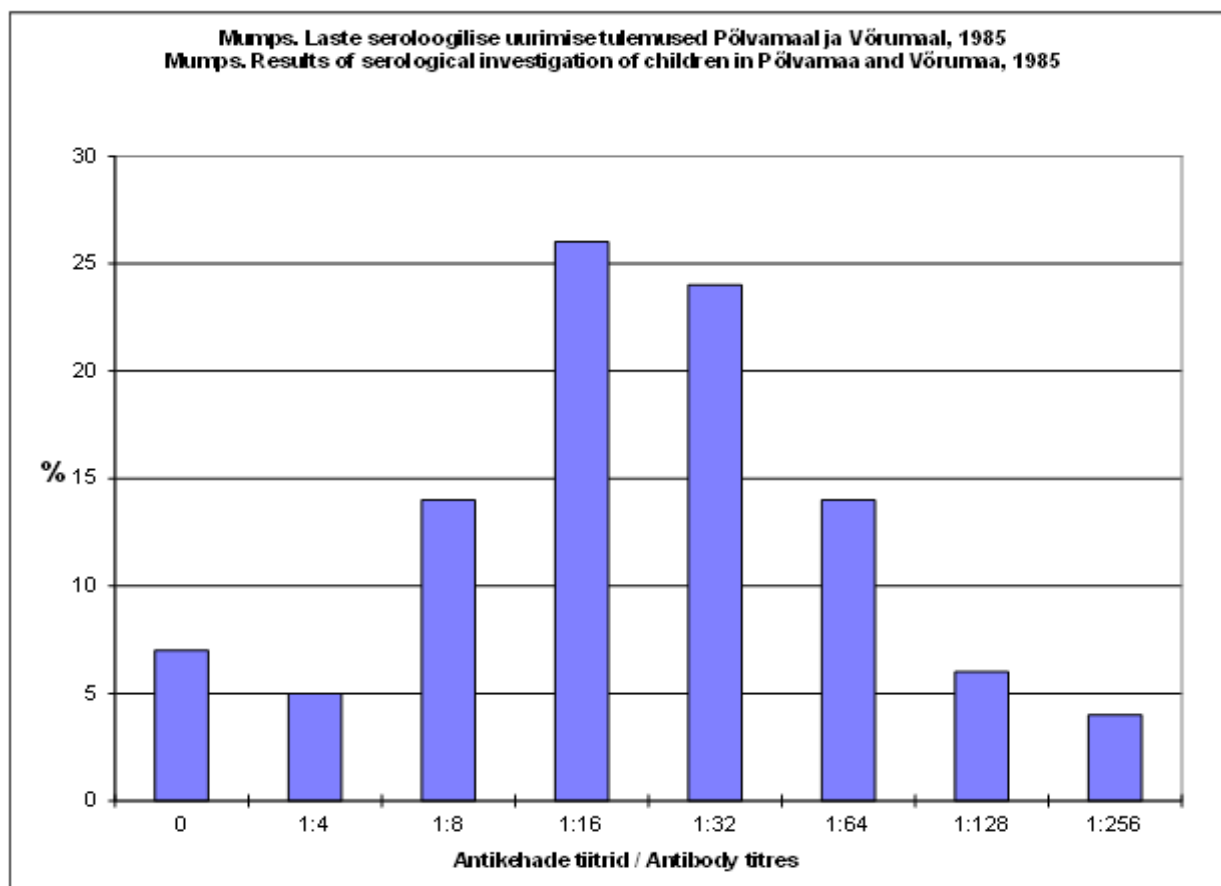
Mumps. Kaitsupoogitud laste haigestumine sõltuvalt vaktsineerimise aastast
Mumps. Morbidity of immunized children depending on the year of vaccination

Aasta / Year	Kaitsupoogitud haigete arv / No cases	Sealhulgas 1 kuu jooksul pärast kaitsepookimist haigestunute arv / No. of diseased after first month after vaccination	Vaktsineerimise aasta / Vaccinations (years)																	
			1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
1981	14	14	14																	
1982	9	3	3	6																
1983	88	9	9	49	30															
1984	261	29	12	88	94	67														
1985	199	15	5	37	62	67	28													
1986	178	10	4	32	35	37	46	24												
1987	208	9	3	14	35	48	43	43	22											
1988	310	6	5	19	34	64	52	66	47	22										
1989	180	3	3	10	12	21	37	34	31	24	8									
1990	101	3	1	1	8	12	12	10	19	19	11	8								
1991	73	9		4	6	10	7	7	5	8	7	6	13							
1992	264	3	7	24	36	33	37	24	26	23	20	13	10	11						
1993*	537	0	13	43	74	66	77	61	44	38	24	16	26	20	5					
1994	83	6			4	4	4	2	5	5	8	11	12	11	11	6				
1995	61	15			1		5	3	1	4	3	1	5	3	2	14	19			
1996	68	7	1	1		8	2	2	5	8	1	2	4	3	2	3	12	10		
1997	116	8			8	7	8	6	8	7	8	7	8	5	10		6	6	15	
1998	577		6	8	18	42	56	37	44	50	27	31	32	35	19	14	34	31	53	40

Märkus: * andmed on säilinud osaliselt
 Notice: * the data are partially preserved

Mumps. Laste seroloogilise uurimise tulemused Põlvamaal ja Võrumaal, 1985
Mumps. Results of serological investigation of children in Põlvamaa and Võrumaa, 1985

Vanus (aastates) / Age (years)	Uuritud laste arv / No. of tested children	Antikehade tiitrid / Antibody titres							
		0	1:4	1:8	1:16	1:32	1:64	1:128	1:256
1	1							1	
2	4		1			1		1	1
3	178	21	15	29	55	34	17	5	2
4	207	16	17	21	53	59	24	12	5
5	227	22	5	34	51	59	39	14	3
6	254	14	16	36	71	54	31	17	15
7	252	9	8	34	71	70	38	10	12
8	221	13	6	29	70	62	18	13	10
9	231	14	7	26	55	53	47	16	13
10	217	16	11	37	52	43	30	21	7
11	61	8	5	9	13	9	11	4	2
12	4			1	2	1			
13									
14									
Kokku / Total	1 857	133	91	256	493	445	255	114	70
%	100	7	5	14	26	24	14	6	4

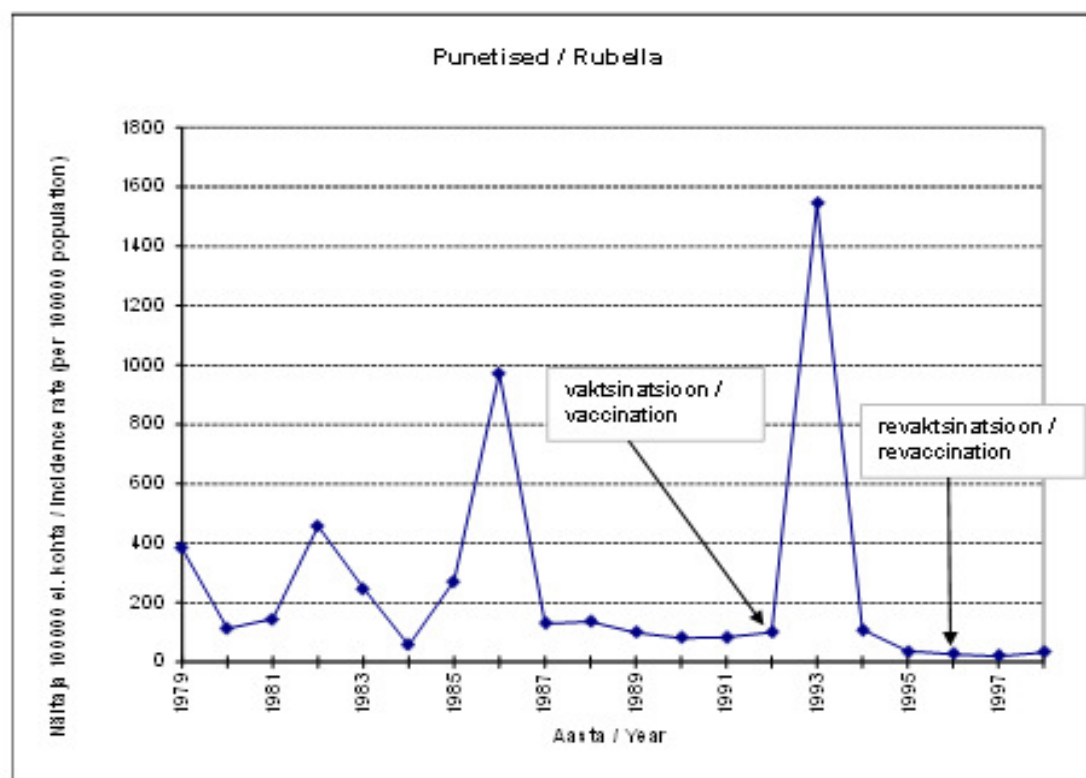


Punetised (ICD-10, B06)

Rubella (ICD-10, B06)

Punetised. Üldandmed haigestumise kohta
Rubella. Cases and incidence rate

Aasta Year	Haigete arv Cases No.	Näitaja 100000 el. kohta Incidence rate (per 100000 population)	Haigete sugu Cases by gender				Haigete elukoht Cases by residence			
			Mehed Males	%	Naised Females	%	Linnas Urban	Näitaja 100000 el. kohta Incidence rate (per 100000 population)	Maal Rural	Näitaja 100000 el. kohta Incidence rate (per 100000 population)
1986	15 067	973	7 512		7 555		11 189	1 008	3 878	884
1987	2 015	129	998	49,0	1 019	51,0	1 611	144	404	92
1988	2 132	135	1 093	51,0	1 039	49,0	1 602	141	530	120
1989	1 562	99	799	51,0	763	49,0	1 356	120	208	46
1990	1 271	80	632	50,0	639	50,0	1 089	96	182	40
1991	1 291	83	631	48,9	660	51,1	1 111	100	180	40
1992	1 523	100	777	51,0	746	49,0	1 374	126	149	35
1993	23 446	1 547	11 007	46,9	12 439	53,1	16 764	1 583	6 682	1 492
1994	1 641	109	818	49,8	823	50,2	1 295	123	346	77
1995	541	36	309	57,1	232	42,9	442	43	99	22
1996	379	26	206	54,4	173	45,6	286	28	93	21
1997	277	19	142	51,3	135	48,7	210	21	67	15
1998	458	32	238	52,0	220	48,0	286	28	172	40



**Punetised. Haigestumus piirkondade järgi
Rubella. Incidence rate by districts**

Piirkond / District	1986		1987		1988		1989		1990	
	Haigeid arv Cases No.	Milliaja 100000 el. kohta Incidence rate per 100000 population	Haigeid arv Cases No.	Milliaja 100000 el. kohta Incidence rate per 100000 population	Haigeid arv Cases No.	Milliaja 100000 el. kohta Incidence rate per 100000 population	Haigeid arv Cases No.	Milliaja 100000 el. kohta Incidence rate per 100000 population	Haigeid arv Cases No.	Milliaja 100000 el. kohta Incidence rate per 100000 population
Tallinn	5 688	1 160	543	109	949	189	827	164	582	115
Tartu	1 379	1 233	381	337	109	95	83	72	116	101
Narva	312	368	220	257	149	172	178	206	28	32
Harjumaa	677	682	70	69	105	103	44	41	70	65
Hiiumaa	150	1 424	32	299	42	383	7	63	4	35
Ida-Virumaa	1 264	1 074	61	52	44	37	113	98	216	189
Jõgevamaa	380	898	68	180	95	223	58	136	16	37
Järvamaa	125	288	30	69	16	36	22	50	10	23
Läänemaa	461	1 372	27	80	18	53	6	18	14	41
Lääne-Virumaa	773	987	193	245	149	188	68	85	82	102
Põlvamaa	249	673	44	122	19	52	19	53	3	8
Pärnumaa	984	987	137	137	240	238	45	45	39	39
Raplamaa	471	1 198	52	131	26	66	4	10	8	20
	942	2 398	13	33	17	42	29	73	19	47
Tartumaa	358	753	42	88	28	59	11	23	26	53
Valgamaa	301	697	6	14	12	28	7	16	12	28
Viljandimaa	365	559	69	106	97	149	5	8	13	20
Võrumaa	190	407	27	58	17	36	36	79	13	29
Kokku / Total	15 067	973	2 015	129	2 132	135	1 562	99	1 271	80

Piirkond / District	1991		1992		1993		1994		1995	
	Haigeid arv Cases No.	Milliaja 100000 el. kohta Incidence rate per 100000 population	Haigeid arv Cases No.	Milliaja 100000 el. kohta Incidence rate per 100000 population	Haigeid arv Cases No.	Milliaja 100000 el. kohta Incidence rate per 100000 population	Haigeid arv Cases No.	Milliaja 100000 el. kohta Incidence rate per 100000 population	Haigeid arv Cases No.	Milliaja 100000 el. kohta Incidence rate per 100000 population
Tallinn	557	112	1 111	233	8 333	1 800	326	74	164	38
Tartu	49	43	37	33	2 513	2 368	*	*	*	*
Narva	47	54	16	18	42	51	184	224	14	18
Harjumaa	44	41	52	49	1 628	1 560	43	35	10	8
Hiiumaa	5	43	0	0	295	2 458	7	58	5	42
Ida-Virumaa	246	185	15	11	258	194	268	201	10	7
Jõgevamaa	12	28	19	45	775	1 828	18	42	15	36
Järvamaa	40	91	26	59	1 275	2 931	82	188	36	82
Läänemaa	25	74	24	71	809	2 466	28	86	13	40
Lääne-Virumaa	29	37	83	105	1 152	1 518	28	37	23	30
Põlvamaa	7	19	9	25	449	1 230	53	145	7	19
Pärnumaa	86	86	51	50	1 874	1 880	162	163	92	92
Raplamaa	11	28	22	55	884	2 204	32	80	21	52
Saaremaa	37	91	6	15	722	1 774	18	44	8	20
Tartumaa	23	47	13	27	843	1 693	215	139	70	45
Valgamaa	20	49	0	0	284	703	53	132	14	35
Viljandimaa	40	62	21	31	763	1 177	91	141	10	15
Võrumaa	13	29	18	40	547	1 218	33	74	29	65
Kokku / Total	1 291	83	1 523	100	23 446	1 547	1 641	109	541	36

Punetised. Haigestumus piirkondade järgi
Rubella. Incidence rate by districts

Piirkond / District	1996		1997		1998	
	Haigete arv Cases No.	Haigete 100000 el. kohta Incidence rate per 100000 population	Haigete arv Cases No.	Haigete 100000 el. kohta Incidence rate per 100000 population	Haigete arv Cases No.	Haigete 100000 el. kohta Incidence rate per 100000 population
Tallinn	132	31	73	17	68	15,8
Tartu	*	*	*	*	*	*
Narva	10	12	10	13	5	6,4
Harjumaa	12	10	6	5	34	27,6
Hiiumaa	1	8	1	9	9	1,1
Ida-Virumaa	16	15	5	4	9	7,6
Jõgevamaa	6	14	5	12	9	21,9
Järvamaa	23	53	22	51	27	65,1
Läänemaa	3	9	5	19	5	16
Lääne-Virumaa	6	8	6	8	23	31
Põlvamaa	6	17	4	11	2	5,8
Pärnumaa	50	50	48	48	51	53,9
Raplamaa	13	32	11	27	123	307,5
Saaremaa	7	17	10	25	6	14,9
Tartumaa	65	43	46	31	43	29,5
Valgamaa	0	0	0	0	1	2,6
Viljandimaa	6	9	4	6	16	2,3
Võrumaa	23	52	21	48	27	63,2
Kokku / Total	379	26	277	19	458	31,5

Märkus: * Tartu linna andmed on esitatud koos Tartumaa andmetega

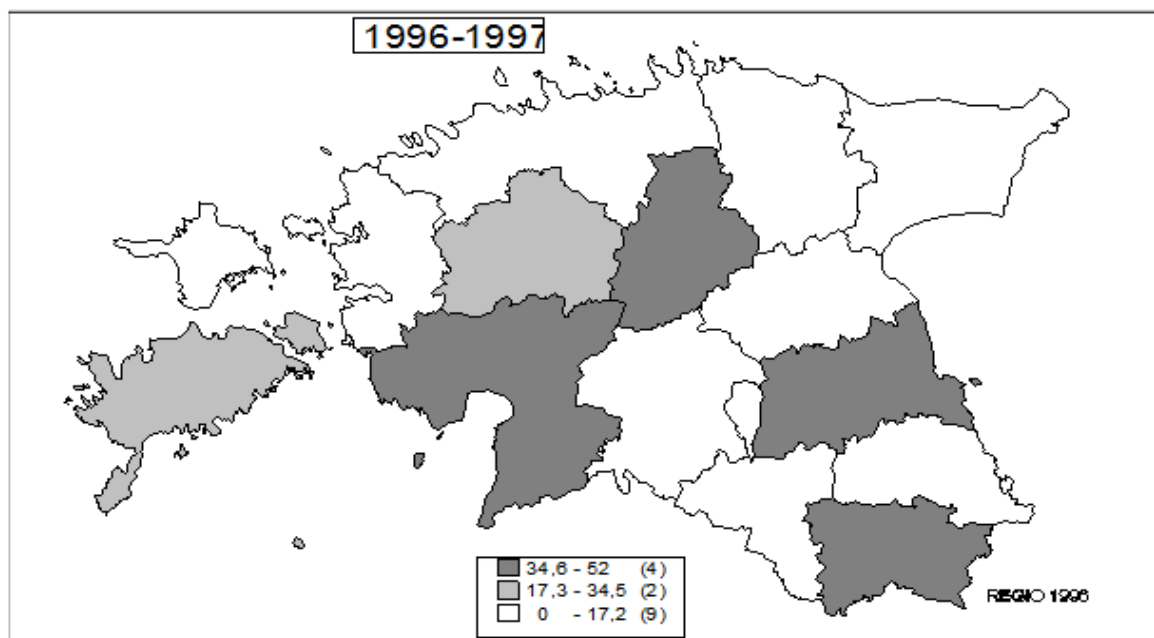
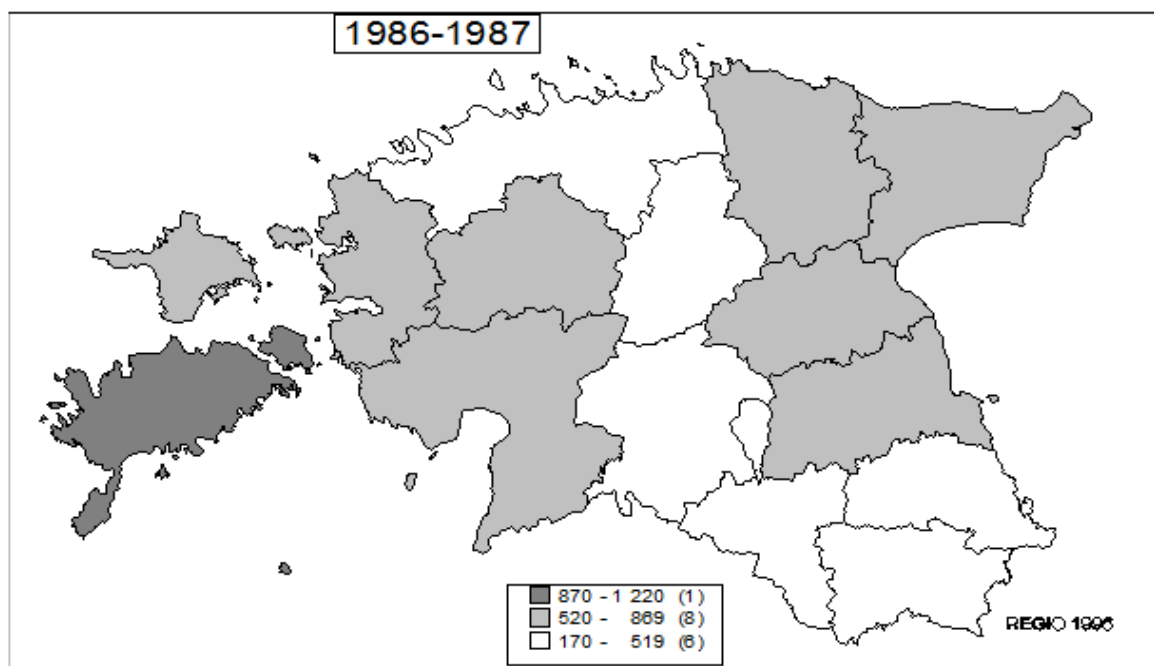
Notice: * City of Tartu data are presented together with Tartu county data

Punetised. Haigete vanus
Rubella. Cases by age

Aasta /	Vanus (aastates) / Age (years)										
Year	0	1-3	4-5	6-9	10-14	15-19	20-29	30-39	40-49	50-59	>60
1986	269	4 920	3 558	3 310	1 808	603	441	135	16	6	1
1987	158	736	375	376	171	90	74	28	1	5	1
1988	151	709	459	467	191	54	62	33	3	2	1
1989	140	711	346	197	78	33	40	15	2	0	0
1990	126	413	358	234	72	22	30	13	1	2	0

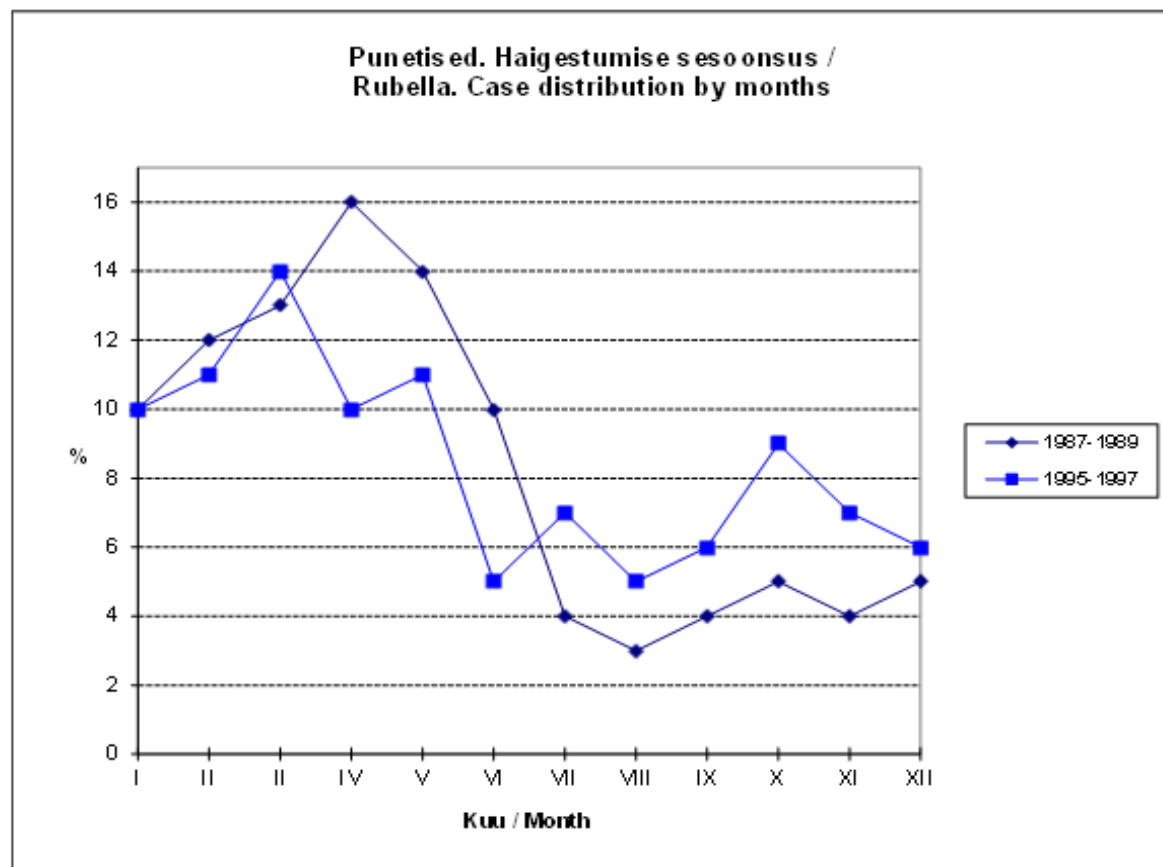
Aasta /	Vanus (aastates) / Age (years)				
Year	0	1-4	5-9	10-14	>14
1992	113	400	667	256	87
1993		6 333	10 676	4 509	1 928
1994	166	659	550	168	98
1995	131	200	155	30	25
1996	110	127	99	26	17
1997	99	82	66	17	13
1998	64	116	179	76	23

Punetised. Keskmine haigestumus 100 000 el. kohta maakondades
 Rubella. Average morbidity per 100 000 of population in counties



Punetised. Haigestumise sempoosus (haigestumise daatum järgi)
Rubella. Case distribution by months (according to the date of falling ill)

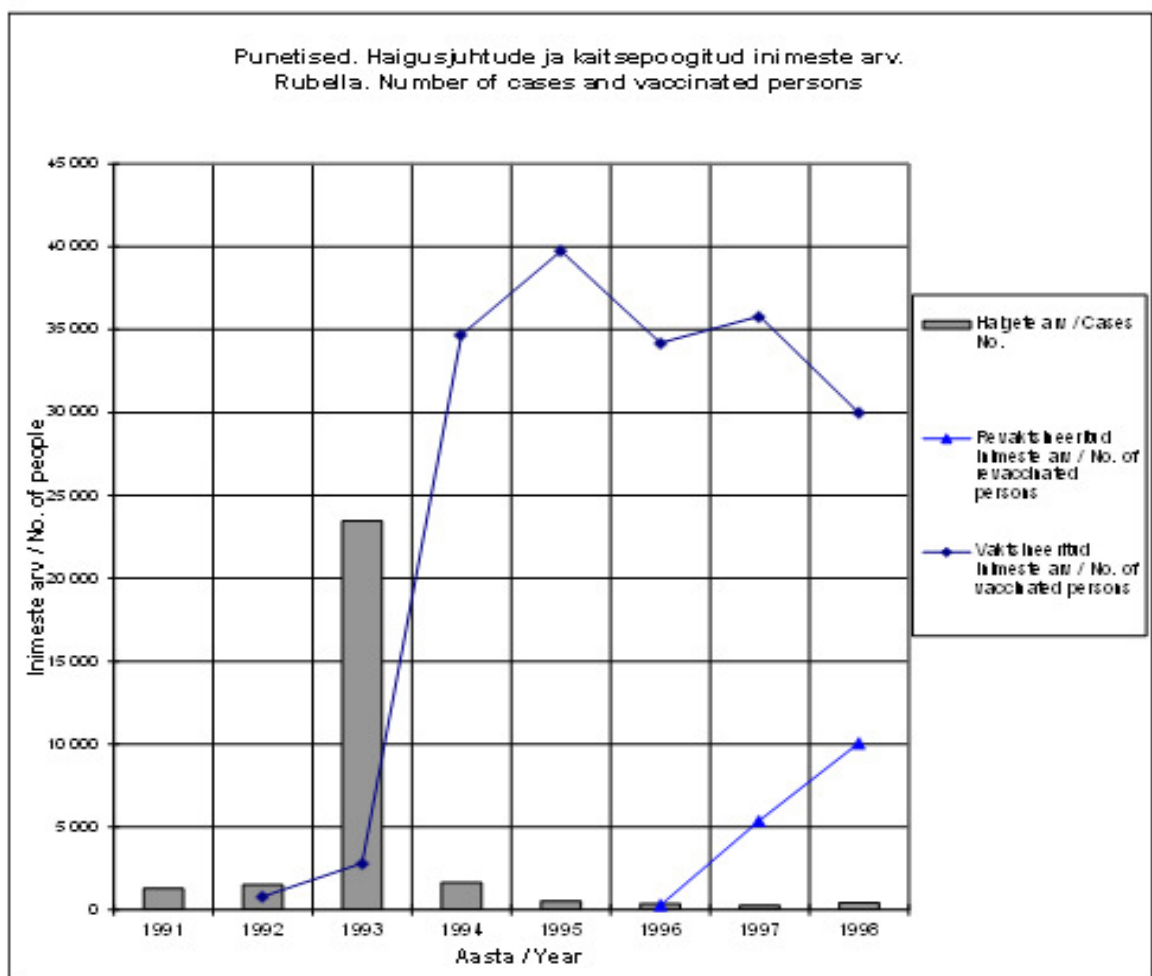
Aasta Year	Kuu / Month											
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1986	1 877	2 573	3 461	3 129	1 982	917	217	127	117	182	132	203
1987	198	211	247	275	254	229	107	63	104	134	86	101
1988	253	299	286	378	297	149	49	63	78	83	94	111
1989	145	180	222	243	246	170	77	45	61	55	49	51
1990	75	104	146	224	161	148	88	46	46	74	82	60
1991	137	193	172	253	193	106	46	27	33	43	49	36
1992	85	67	87	108	173	79	47	32	46	57	181	586
1993	1 704	3 291	5 623	6 167	4 103	1 480	421	175	84	139	105	140
1994	147	191	321	281	178	123	84	55	75	57	64	56
1995	57	53	72	54	51	36	40	32	29	46	41	32
1996	45	62	51	29	43	11	22	24	25	28	15	20
1997	19	22	41	31	38	14	21	8	15	28	24	14
1998	110	70	57	45	46	29	22	14	19	18	16	16



Punetised. Aasta jooksul kaitsepoogitud inimeste arv
Rubella. Number of vaccinated persons

Aasta / Year	Vaktsineeritud inimeste arv / No. of vaccinated persons				Revaktsineeritud inimeste arv / No. of revaccinated persons			
	Lapsed / Children 0-14 a / y	Noorukid / Adolescents 15-17 a / y	Täiskasva- nud / Adults	Kokku / Total	Lapsed / Children 0-14 a / y	Noorukid / Adolescents 15-17 a / y	Täiskasva- nud / Adults	Kokku / Total
1991								
1992	823			823				
1993	2 805	24		2 829				
1994	32 806	1 698	184	34 688				
1995	38 926	790	18	39 734				
1996	33 045	1 138	6	34 189	116		153	269
1997	32 824	2 795	173	35 792	4 301	1 099	3	5 403
1998	27 665	2 220	63	29 948	8 834	1 176	86	10 096

Punetised. Haigusjuhtude ja kaitsepoogitud inimeste arv.
Rubella. Number of cases and vaccinated persons



Punetised. Laste hõlmatus kaitsepookimisega
Rubella. Coverage of children with immunization

Aasta / Year	Laste arv / Number of children			Vastunäidustusi omavad / Contraindications		Vaktsineeritud 2-a. lapsi / Vaccinated 2-y old		Vaktsineeritud 1-14-a. lapsi / Vaccinated 1-14 y old		Revaktsineeritud 13-14 a. lapsi / Revaccinated 13-14 y old		Punetisi põdenud 0-14 a / Be lying ill 0-14 y		Immuunseid 0-14 a. lapsi kokku / Coverage 0-14 y	
	0-14 a / y	1-14 a / y	2 a / y	arv / No	%	arv / No	%	arv / No	%	arv / No	%	arv / No	%	arv / No	%
1992	317 364	300 796	20 726					823	0,3						
1993	306 692	292 523	17 959					2 805	1						
1994	297 758	284 575	16 943	470	0,2	5 031	30	35 005	12			37 991	13	72 996	24
1995	289 310	276 666	14 630	428	0,1	9 761	67	72 779	26			35 981	12	108 760	38
1996	280 040	267 714	13 469	445	0,2	11 096	82	103 905	39	98	0,2	31 003	11	134 908	48
1997	271 148	259 445	12 904	345	0,1	11 210	87	135 811	52	3 426	8	24 532	9	160 343	59
1998	260 204	249 035	12 853	281	0,1	11 409	89	158 701	64	7 649	18	20 076	8	178 777	69

Punetised. Laste hõlmatus kaitsepoolimisega 1994. a.
Rubella. Coverage of children with immunization in 1994

Vanus (aastates) / Age (years)	Laste arv / No. of children	Vaktsineeritud / Vaccinated		Revaktsineeritud / Revaccinated		Põdenud / Be lying ill	
		Laste arv / No. of children	%	Laste arv / No. of children	%	Laste arv / No. of children	%
0	13 183	0				92	0,7
1	14 445	4 478	31			438	3,0
2	16 943	5 031	30			889	5,2
3	17 886	3 415	19			1 331	7,4
4	20 200	3 135	15			2 020	10,0
5	21 715	2 631	12			2 554	11,8
6	22 135	2 299	10			2 782	12,6
7	22 501	1 296	6			3 206	14,2
8	21 011	532	3			3 132	15,0
9	21 148	424	2			3 218	15,2
10	21 772	408	2			3 423	15,7
11	21 780	492	2			3 516	16,1
12	20 879	2 967	14			3 935	18,8
13	20 979	3 959	19			3 737	17,8
14	21 181	3 942	19			3 720	17,6
0-14	297 758	35 005	12			37 991	12,8
1-14	284 575	35 005	12			37 899	13,3

Punetised. Laste hõlmatus kaitsepoolimisega 1995. a.
Rubella. Coverage of children with immunization in 1995

Vanus (aastates) / Age (years)	Laste arv / No. of children	Vaktsineeritud / Vaccinated		Revaktsineeritud / Revaccinated		Põdenud / Be lying ill	
		Laste arv / No. of children	%	Laste arv / No. of children	%	Laste arv / No. of children	%
0	12 644	6				36	0,3
1	13 347	5 888				244	2,0
2	14 630	9 761				531	3,6
3	17 057	8 842				994	5,8
4	17 940	7 336				1 401	7,8
5	20 286	7 183				2 137	10,5
6	21 676	6 445				2 824	13,0
7	22 763	5 597				3 325	14,6
8	21 926	2 994				2 898	13,2
9	21 235	1 333				3 048	14,4
10	20 988	1 105				3 183	15,2
11	21 440	1 193				3 407	15,9
12	21 689	3 647				3 760	17,3
13	20 656	5 344				4 223	20,4
14	21 033	6 105				3 970	18,9
0-14	289 310	72 779	25			35 981	12,4
1-14	276 666	72 773	26	0		35 945	13,0

Punetised. Laste hõlmatus kaitsepookimisega 1996. a.
Rubella. Coverage of children with immunization in 1996

Vanus (aastates) / Age (years)	Laste arv / No. of children	Vaktsineeritud / Vaccinated		Revaktsineeritud / Revaccinated		Põdenud / Be lying ill	
		Laste arv / No. of children	%	Laste arv / No. of children	%	Laste arv / No. of children	%
0	12 328					35	0,3
1	12 855	7 069	55			118	0,9
2	13 469	11 096	82			248	1,8
3	14 470	11 553	80			445	3,1
4	16 895	11 237	67			884	5,3
5	17 625	10 125	57			1 337	7,6
6	19 997	10 428	52			2 104	10,5
7	21 851	8 772	40			2 901	13,3
8	22 147	6 813	31			3 018	13,6
9	21 853	3 482	16			2 876	13,2
10	21 124	2 440	11			2 906	13,8
11	20 835	2 285	11			3 020	14,5
12	21 534	4 203	19	25	0,1	3 320	15,4
13	21 614	6 650	31	27	0,1	3 613	16,7
14	21 445	7 252	34	46	0,2	4 178	19,5
0-14	280 040	103 405				31 003	11,0
1-14	267 714	103 405	39	98	0,2	30 968	11,0
13-14	43 059			73		7 791	

Punetised. Laste hõlmatus kaitsepookimisega 1997. a.
Rubella. Coverage of children with immunization in 1997

Vanus (aastates) / Age (years)	Laste arv / No. of children	Vaktsineeritud / Vaccinated		Revaktsineeritud / Revaccinated		Põdenud / Be lying ill	
		Laste arv / No. of children	%	Laste arv / No. of children	%	Laste arv / No. of children	%
0	11 703					37	0,3
1	12 724	8 197	64			77	0,6
2	12 904	11 210	87			148	1,1
3	13 537	12 191	90			257	1,9
4	14 370	12 409	86			443	3,1
5	16 674	12 771	77			823	5
6	17 641	11 891	67			1 158	6,6
7	20 497	12 457	61			1 745	8,5
8	21 553	10 500	49			2 364	11
9	22 101	8 593	39			2 899	13
10	21 782	5 821	27			2 821	13
11	21 116	4 122	19			2 674	12,7
12	20 983	4 534	21			2 709	12,9
13	21 504	10 539	49	2 076	10	2 899	13,5
14	22 049	10 576	48	1 350	6	3 478	15,8
0-14	271 148	135 811	50			24 532	9,0
1-14	259 445	135 811	52	3 426	8	24 496	9,0
13-14	43 553			3 426		6 377	

**Punetised. Laste hõlmatus kaitsepookimisega 1998. a.
Rubella. Coverage of children with immunization in 1998**

Vanus (aastates) / Age (years)	Laste arv / No. of children	Vaktsineeritud / Vaccinated		Revaktsineeritud / Revaccinated		Põdenud / Be lying ill	
		Laste arv / No. of children	%	Laste arv / No. of children	%	Laste arv / No. of children	%
0	11 169	0	0			16	0,1
1	12 144	8 749	72			70	0,6
2	12 853	11 409	89			68	0,5
3	13 006	12 037	93			125	1,0
4	13 440	12 508	93			199	1,5
5	14 308	12 768	89			395	2,8
6	16 551	13 301	80			754	4,6
7	18 117	12 886	71			1 140	6,3
8	19 980	12 726	64			1 840	9,2
9	21 484	11 097	52			2 556	11,9
10	21 831	9 291	43			2 821	12,9
11	21 621	6 588	31			2 608	12,1
12	21 066	5 454	26			2 621	12,4
13	20 816	14 882	72	3 612	17	2 337	11,2
14	21 818	15 005	69	4 037	19	2 526	11,6
0-14	260 204	158 701	61			20 076	7,7
1-14	249 035	158 701	64			20 060	8,1
13-14	42 634			7 649	18	4 863	11,4

**Punetised. Vaktsineeritud inimeste haigestumine
Rubella. Morbidity of vaccinated person**

Aasta / Year	Haigestunud vaktsineeritud inimeste arv / No. of diseased and vaccinated people	Vaktsineerimise aasta / Vaccinations (years)						
		1992	1993	1994	1995	1996	1997	1998
1992								
1993								
1994								
1995	22			13	9			
1996*	51		3	15	19	13		
1997	59			18	14	15	12	
1998	208		1	48	66	33	34	26

Märkus: *osa haigestunud inimeste vaktsineerimise aeg pole teada
Notice: * vaccination time of part of fallen ill people is unknown

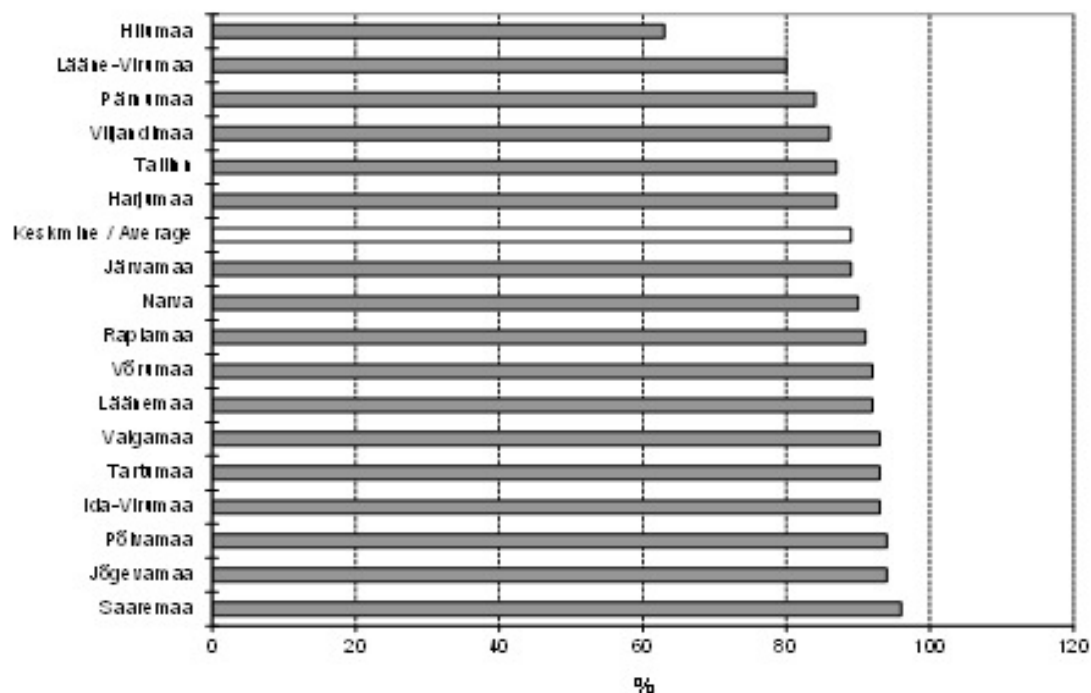
Punetised. Kaheaastaste laste hõlmatus kaits epookimisega piirkondade järgi (%)
Rubella. Coverage of two-year old children with immunization by districts (%)

Piirkond / District	Aastad / Year			
	1995	1996	1997	1998
Tallinn	70	80	83	87
Narva	78	92	93	90
Harjumaa	58	77	86	87
Hiiumaa	47	79	69	63
Ida-Virumaa	58	81	80	93
Jõgevamaa	62	94	94	94
Järvamaa	64	82	88	89
Läänemaa	65	71	93	92
Lääne-Virumaa	67	79	82	80
Põlvamaa	81	93	94	94
Pärnumaa	54	77	89	84
Raplamaa	83	91	93	91
Saaremaa	91	97	96	96
Tartumaa	78	83	91	93
Valgamaa	80	93	92	93
Viljandimaa	41	78	81	86
Võrumaa	51	79	87	92

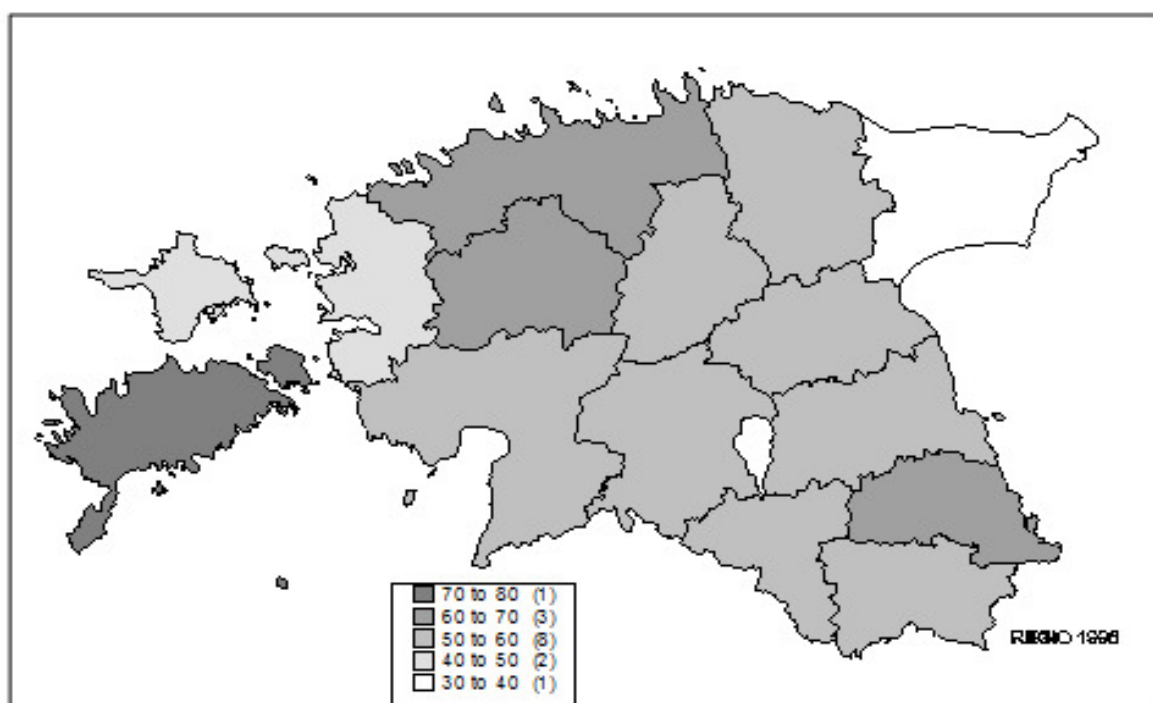
Punetised. 1-14- a. laste hõlmatus kaits epookimisega
piirkondade järgi (%)
Rubella. Coverage of 1-14 years old children with
immunization by districts (%)

Piirkond / District	Aastad / Year			
	1995	1996	1997	1998
Tallinn	29	39	51	63
Narva	17	30	44	63
Harjumaa	32	45	64	68
Hiiumaa	26	38	48	56
Ida-Virumaa	16	24	32	46
Jõgevamaa	20	38	59	63
Järvamaa	22	34	53	60
Läänemaa	29	36	43	53
Lääne-Virumaa	30	46	55	69
Põlvamaa	34	50	61	68
Pärnumaa	22	34	51	62
Raplamaa	40	53	61	72
Saaremaa	37	55	76	84
Tartumaa	27	40	52	65
Valgamaa	29	45	58	68
Viljandimaa	17	35	53	66
Võrumaa	23	34	54	66

Punetised. Kaheaastaste laste hõlmatus kaitsepookimisega 1998. a. piirkondade järgi (%) / Rubella. Coverage of two-year old children with immunization by districts in 1998 (%)



Punetised. 1-14-a. laste hõlmatus kaitsepookimisega 1997.a. piirkondade järgi (%) / Rubella. Coverage of 1-14 years old children with immunization by districts in 1997 (%)



1998.a. Eestis registreeritud nakkus- ja parasiithaigused (ICD 10)

1998.a. elas Eestis ca 1 454 000 elanikku

Communicable and Parasitic Diseases Registered in Estonia in 1998 (ICD 10)

In 1998 ca 1 454 000 people lived in Estonia

Haigus / Disease	Juhtude arv / Cases	Haigus / Disease	Juhtude arv / Cases
Koolera (A00)	0	Lyme tõbi (A69.2)	494
Kõhutüüfus (A01.0)	0	Äge poliomieliit (A80)	0
Paratüüfused (A01.1–4)	0	Marutõbi (A82)	0
Salmonelloosid (A02)	437	Puukentsefaliit (A84)	387
Shigelloos (A03)	273	Muud viirusentsefaliidid ja -meningiidid (A85, A87)	78
E. coli nakkused (A04.0–4)	75	Kollapalavik (A95)	0
Kampülobakterenteriit (A04.5)	100	Neerusündroomiga hemorraagiline palavik (A98.5)	0
Yersinia enterocolitica enteriit (A04.6)	43	Tuulerõuged (B01)	7123
Clostridium difficile enterokoliit (A04.7)	1	Leetrid (B05)	17
Botulism (A05.1)	1	Punetised (B06)	458
Rotaviirusenteriit (A08.0)	896	A-viirushepatiit (B15)	989
Soole muud täpsustatud nakkused	181	B-viirushepatiit (B16)	495
Soole täpsustamata nakkused	1356	C-viirushepatiit (B17.1)	367
Tuberkuloos (A15–A19)	649	Muu viirushepatiit (B17.8)	135
sellest hingamiseldundite tuberkuloos	622	HIV-tõbi (B20–B24)	4
Katk (A20)	0	Mumps (B26)	1127
Tulareemia (A21)	1	Nakkuslik mononukleosis (B27)	197
Leptospiroos (A27)	1	Malaaria (B51)	2
Teetanused (A35)	1	Toksoplasmoos (B58)	11
Difteeria (A36)	0	T. solium-teniaas (B68.0)	2
Läkakõha (A37.0)	344	T. saginata-teniaas (B68.1)	1
Paraläkakõha (A37.1)	71	Difülobotriaas (B70.0)	353
Sarlakid (A38)	2515	Hümenolepiaas (B71.0)	2
Meningokokkinfektsioon (A39)	7	Askariaas (B77)	379
sellest meningiitid (A39.0)	5	Trihhuriaas (B79)	14
meningokokktseemia (A39.2)	1	Enterobiaas (B80)	3026
Haemophilus influenzae septitseemia (A41.3)	1	Pedikuloos (B85)	653
Süüfilis (A50–A53)	1100	Sügelised (B86)	3793
Gonokokknakkus (A54)	1479	Ülemiste hingamisteede ägedad nakkused (J06)	245802
Sugulisel teel levivad		Griip (J10–J11)	82544
klamüüdiahaigused (A55–A56)	3441	HIV-kandlus (Z21)	10
Trihhomoniaas (A59)	3881		
Anogenitaalsed herpesviirusnakkused (A60)	335		
Anogenitaalsed tüükad (A63.0)	483		