

A monthly summary of the epidemiological data on selected vaccine-preventable diseases in the European Region

Monthly summary table 1: Reported measles cases for the 12-month period October 2015 - September 2016 (data as of 01 November 2016)

Country	Total Population in 2015 <sup>1</sup>	Incidence Rate Oct 15 - Sep 16 (per 1 million population) <sup>2</sup>	Total measles cases	Year and month of rash onset												Month & year of last report
				Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	
Albania	2 896 679	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-16
Andorra	70 473	0.0	0	0	0	0	0	0	0	0	0	0	0	0	-	Aug-16
Armenia	3 017 712	0.7	2	0	0	0	0	0	0	0	0	0	2	0	0	Sep-16
Austria	8 544 586	2.6	22	0	3	1	0	0	0	2	1	2	9	1	3	Sep-16
Azerbaijan	9 753 968	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-16
Belarus	9 495 826	2.3	22	0	0	0	0	1	0	0	0	0	15	5	1	Sep-16
Belgium	11 299 192	4.8	54	6	3	1	6	9	19	10	0	0	0	0	0	Sep-16
Bosnia and Herzegovina	3 810 416	17.1	65	1	15	4	18	27	-	-	-	-	-	-	-	Feb-16
Bulgaria	7 149 787	0.1	1	0	0	0	0	1	0	0	0	0	0	0	0	Sep-16
Croatia	4 240 317	0.9	4	0	0	0	0	0	0	2	0	0	1	0	1	Sep-16
Cyprus	1 165 300	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-16
Czech Republic	10 543 186	0.5	5	0	0	0	0	1	0	2	2	0	0	0	0	Sep-16
Denmark	5 669 081	0.4	2	0	0	0	0	0	0	1	0	0	0	1	0	Sep-16
Estonia	1 312 558	3.8	5	0	2	1	1	0	1	0	0	0	0	0	0	Sep-16
Finland	5 503 457	0.4	2	0	0	0	0	1	0	1	0	0	0	0	0	Sep-16
France	64 395 345	1.5	94	6	4	11	18	14	13	4	0	7	6	4	7	Sep-16
Georgia	3 999 812	3.3	13	0	0	1	1	0	0	2	0	4	3	1	1	Sep-16
Germany	80 688 545	3.5	284	12	2	4	7	7	15	33	60	50	44	27	23	Sep-16
Greece	10 954 617	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-16
Hungary	9 855 023	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-16
Iceland	329 425	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-16
Ireland	4 688 465	11.1	52	2	0	0	1	1	0	2	24	9	6	7	0	Sep-16
Israel	8 064 036	0.5	4	0	0	0	1	2	-	-	0	1	0	-	-	Jul-16
Italy	59 797 685	11.3	676	14	33	47	73	81	74	75	83	82	38	33	43	Sep-16
Kazakhstan	17 625 226	7.5	132	7	6	13	6	14	43	13	19	0	11	-	-	Jul-16
Kyrgyzstan	5 939 962	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-16
Latvia	1 970 503	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-16
Lithuania	2 878 405	7.6	22	0	0	0	0	0	0	10	10	2	0	0	0	Sep-16
Luxembourg	567 110	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-16
Malta	418 670	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-16
Monaco	37 731	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No Report
Montenegro	625 781	0.0	0	0	0	0	0	0	0	0	0	0	0	-	-	Jul-16
Netherlands	16 924 929	0.1	2	0	0	0	0	0	0	0	0	0	0	2	0	Sep-16
Norway	5 210 967	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-16
Poland	38 611 794	1.1	42	0	2	1	1	0	3	1	1	4	15	14	0	Sep-16
Portugal	10 349 803	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-16
Republic of Moldova	4 068 897	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-16
Romania	19 511 324	31.4	612	0	1	0	6	41	62	67	78	100	28	171	58	Sep-16
Russian Federation	143 456 918	0.0	0	-	-	-	-	-	-	0	-	-	-	-	-	Apr-16
San Marino	31 781	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No Report
Serbia	8 850 975	0.6	5	3	-	1	0	0	1	0	0	0	0	-	-	Jul-16
Slovakia	5 426 258	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-16
Slovenia	2 067 526	0.5	1	0	0	0	0	0	0	0	1	0	0	0	0	Sep-16
Spain	46 121 699	0.6	28	0	0	0	0	0	9	9	0	2	3	2	3	Sep-16
Sweden	9 779 426	0.3	3	0	0	0	0	0	0	1	0	0	0	2	0	Sep-16
Switzerland	8 298 663	5.8	48	0	0	0	2	0	10	18	9	1	1	2	5	Sep-16
Tajikistan	8 481 855	1.9	16	0	0	0	0	0	0	0	7	9	0	0	0	Sep-16
The former Yugoslav Republic of Macedonia	2 078 453	0.0	0	0	0	0	0	0	0	0	-	0	0	-	-	Jul-16
Turkey	78 665 830	0.2	18	8	1	0	0	1	0	0	3	3	2	-	-	Jun-16
Turkmenistan	5 373 502	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No Report
Ukraine	44 823 765	0.4	17	3	2	1	4	-	0	-	2	0	0	5	-	Aug-16
United Kingdom	64 715 810	8.1	526	2	9	12	3	22	44	55	48	75	130	104	22	Sep-16
Uzbekistan	29 893 488	0.1	3	-	0	2	0	1	0	0	0	0	-	0	-	Aug-16
<b>Total/Averages</b>	<b>910 052 542</b>	<b>3.06</b>	<b>2782</b>	<b>64</b>	<b>83</b>	<b>100</b>	<b>148</b>	<b>224</b>	<b>294</b>	<b>308</b>	<b>348</b>	<b>351</b>	<b>314</b>	<b>381</b>	<b>167</b>	

Data source: Monthly aggregated and case-based data reported by Member States to WHO/Europe or via ECDC/TESSy.

<sup>1</sup> Source: "World Population Prospects: The 2015 Revision", New York, United Nations.

<sup>2</sup> Incidence not meeting the target (<1) is highlighted in red.

Member States submitting aggregate data: Bosnia and Herzegovina, Kazakhstan, Republic of Moldova, San Marino, Serbia, the former Yugoslav Republic of Macedonia, Turkmenistan, Ukraine.

For tables 1-4, the reporting of these data by year and month are based on cases with disease onset date during the 12-month period and corresponding month. Where disease onset date was unavailable, cases with the date of notification reported during these respective time periods were included. These monthly reported numbers may differ from reports produced by national or partner agencies if other dates (e.g. date of case reporting) are used.

**Monthly summary table 2: Reported rubella cases for the 12-month period October 2015 - September 2016 (data as of 01 November 2016)**

Country	Total Population in 2015 <sup>1</sup>	Incidence Rate Oct 15 - Sep 16 (per 1 million population) <sup>2</sup>	Total rubella cases	Year and month of rash onset												Month & year of last report
				Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	
Albania	2 896 679	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-16
Andorra	70 473	0.0	0	0	0	0	0	0	0	0	0	0	0	0	-	Aug-16
Armenia	3 017 712	0.0	0	0	0	0	-	0	0	-	-	0	0	0	0	Sep-16
Austria	8 544 586	0.4	3	0	0	0	0	1	1	0	0	0	0	1	0	Sep-16
Azerbaijan	9 753 968	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-16
Belarus	9 495 826	0.0	0	0	0	0	-	-	-	-	-	-	-	-	-	Sep-16
Belgium <sup>3</sup>	11 299 192	-	-	-	-	-	-	-	-	-	-	-	-	-	-	See footnote
Bosnia and Herzegovina	3 810 416	0.3	1	0	0	1	0	0	-	-	-	-	-	-	-	Feb-16
Bulgaria	7 149 787	0.3	2	1	0	0	0	0	0	0	0	0	1	0	0	Sep-16
Croatia	4 240 317	0.5	2	0	0	0	0	0	0	0	2	0	0	0	0	Sep-16
Cyprus	1 165 300	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-16
Czech Republic	10 543 186	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-16
Denmark <sup>3</sup>	5 669 081	-	-	-	-	-	-	-	-	-	-	-	-	-	-	See footnote
Estonia	1 312 558	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-16
Finland	5 503 457	0.9	5	1	-	4	0	0	0	0	0	0	0	0	0	Sep-16
France <sup>3</sup>	64 395 345	-	-	-	-	-	-	-	-	-	-	-	-	-	-	See footnote
Georgia	3 999 812	5.3	21	1	4	6	2	0	0	1	3	3	1	0	0	Sep-16
Germany	80 688 545	1.1	89	3	5	5	6	6	4	18	13	10	14	2	3	Sep-16
Greece	10 954 617	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-16
Hungary	9 855 023	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-16
Iceland	329 425	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-16
Ireland	4 688 465	0.6	3	0	0	0	0	0	1	1	0	0	1	0	0	Sep-16
Israel	8 064 036	0.1	1	0	0	0	-	-	-	1	-	-	-	-	-	Jul-16
Italy	59 797 685	0.5	29	1	0	1	1	5	2	2	5	7	2	3	0	Sep-16
Kazakhstan	17 625 226	0.2	3	1	0	0	0	1	0	1	0	0	0	-	-	Jul-16
Kyrgyzstan	5 939 962	0.0	0	0	0	0	0	0	0	0	0	0	0	-	-	Sep-16
Latvia	1 970 503	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-16
Lithuania	2 878 405	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-16
Luxembourg	567 110	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-16
Malta	418 670	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-16
Monaco	37 731	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No Report
Montenegro	625 781	0.0	0	0	0	-	-	-	-	-	-	-	-	-	-	Jul-16
Netherlands	16 924 929	0.1	1	1	0	0	0	0	0	0	0	0	0	0	0	Sep-16
Norway	5 210 967	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-16
Poland	38 611 794	35.4	1366	149	140	142	142	138	111	152	115	118	55	55	49	Sep-16
Portugal	10 349 803	1.2	12	0	3	0	2	1	1	0	2	2	0	0	1	Sep-16
Republic of Moldova	4 068 897	0.0	0	-	-	-	-	-	-	0	0	-	-	0	0	Sep-16
Romania	19 511 324	0.5	10	1	1	-	0	0	1	1	2	1	0	3	0	Sep-16
Russian Federation	143 456 918	0.0	0	-	-	-	-	-	-	-	-	-	-	-	-	Apr-16
San Marino	31 781	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No Report
Serbia	8 850 975	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No Report
Slovakia	5 426 258	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-16
Slovenia	2 067 526	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-16
Spain	46 121 699	0.1	4	0	2	0	0	0	1	1	0	0	0	0	0	Sep-16
Sweden	9 779 426	0.1	1	0	0	0	0	0	0	0	1	0	0	0	0	Sep-16
Switzerland	8 298 663	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-16
Tajikistan	8 481 855	0.4	3	0	0	1	0	1	1	0	0	0	0	0	0	Sep-16
The former Yugoslav Republic of Macedonia	2 078 453	0.0	0	0	0	0	-	0	0	0	-	0	0	-	-	Jul-16
Turkey	78 665 830	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No Report
Turkmenistan	5 373 502	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No Report
Ukraine	44 823 765	0.2	7	-	-	-	4	-	0	3	-	-	-	-	-	Aug-16
United Kingdom	64 715 810	0.0	1	0	0	0	0	0	1	0	0	0	0	0	0	Sep-16
Uzbekistan	29 893 488	0.0	0	-	0	0	-	-	-	-	-	-	-	-	-	Aug-16
<b>Total/Averages</b>	<b>910 052 542</b>	<b>1.72</b>	<b>1564</b>	<b>159</b>	<b>155</b>	<b>160</b>	<b>157</b>	<b>153</b>	<b>124</b>	<b>181</b>	<b>143</b>	<b>141</b>	<b>74</b>	<b>64</b>	<b>53</b>	

Data source: Monthly aggregated and case-based data reported by Member States to WHO/Europe or via ECDC/TESSy.

<sup>1</sup> Source: "World Population Prospects: The 2015 Revision", New York, United Nations.

<sup>2</sup> Incidence not meeting the target (<1) is highlighted in red.

<sup>3</sup> Belgium, Denmark, and France do not have comprehensive rubella surveillance systems.

Member States submitting aggregate data: Bosnia and Herzegovina, Kazakhstan, Republic of Moldova, San Marino, Serbia, the former Yugoslav Republic of Macedonia, Turkmenistan, Ukraine.

**Summary table 3: Classification, reporting and performance of measles, January - September 2016 (data as of 01 November 2016)**

Country	Total Population in 2015 <sup>1</sup>	Incidence Rate Jan - Sep 16 (per 1 million population) <sup>2</sup>	Total measles cases <sup>3</sup>	Classification			Discarded MEA	Imported cases	Reporting			Surveillance Indicators		
				Lab confirmed	Epi-Link	Clinically compatible <sup>4</sup>			Completeness	Timeliness	Month & year of last report	Laboratory investigation rate	Rate of discarded cases	Origin of infector
Albania	2 896 679	0	0	0	0	0	0	0	100%	56%	Sep-16	-	0	-
Andorra	70 473	0	0	0	0	0	0	0	89%	22%	Aug-16	-	0	-
Armenia	3 017 712	0.7	2	1	1	0	79	0	67%	44%	Sep-16	100%	2.62	100%
Austria	8 544 586	1.4	18	17	1	0	25	6	100%	100%	Sep-16	64.3%	0.29	86.0%
Azerbaijan	9 753 968	0	0	0	0	0	79	0	100%	100%	Sep-16	97.5%	0.81	62.0%
Belarus	9 495 826	0.8	22	22	0	0	320	14	100%	78%	Sep-16	100%	3.37	5.6%
Belgium	11 299 192	3.6	44	34	5	5	82	3	100%	67%	Sep-16	95.9%	0.73	69.8%
Bosnia and Herzegovina	3 810 416	11.8	45	0	0	45	0	0	22%	0%	Feb-16	0.0%	0	0
Bulgaria	7 149 787	0.1	1	1	0	0	0	0	100%	89%	Sep-16	100%	0	0
Croatia	4 240 317	0	4	4	0	0	2	4	100%	78%	Sep-16	100%	0.05	100%
Cyprus	1 165 300	0	0	0	0	0	0	0	100%	100%	Sep-16	-	0	-
Czech Republic	10 543 186	0.2	5	5	0	0	0	3	100%	89%	Sep-16	100%	0	60.0%
Denmark	5 669 081	0	2	2	0	0	0	2	100%	100%	Sep-16	100%	0	100%
Estonia	1 312 558	0	2	2	0	0	8	2	100%	100%	Sep-16	100%	0.61	20.0%
Finland	5 503 457	0.2	2	2	0	0	0	1	100%	89%	Sep-16	100%	0	100%
France	64 395 345	0.9	73	41	5	27	0	15	100%	78%	Sep-16	77.9%	0	93.2%
Georgia	3 999 812	3.0	12	5	0	7	39	0	100%	78%	Sep-16	74.5%	0.98	90.2%
Germany	80 688 545	2.7	266	220	30	16	0	46	100%	100%	Sep-16	91.5%	0	62.4%
Greece	10 954 617	0	0	0	0	0	0	0	100%	89%	Sep-16	-	0	-
Hungary	9 855 023	0	0	0	0	0	1	0	100%	100%	Sep-16	100%	0.01	100%
Iceland	329 425	0	0	0	0	0	0	0	100%	89%	Sep-16	-	0	-
Ireland	4 688 465	10.2	50	44	0	6	0	2	100%	100%	Sep-16	94.0%	0	18.0%
Israel	8 064 036	0.5	4	3	0	1	0	0	56%	33%	Jul-16	0.0%	0	0
Italy	59 797 685	9.4	582	402	82	98	59	22	100%	100%	Sep-16	85.3%	0.10	82.7%
Kazakhstan	17 625 226	6.0	106	92	0	14	0	0	78%	33%	Jul-16	0.0%	0	0
Kyrgyzstan	5 939 962	0	0	0	0	0	0	0	100%	56%	Sep-16	-	0	-
Latvia	1 970 503	0	0	0	0	0	0	0	100%	89%	Sep-16	-	0	-
Lithuania	2 878 405	7.6	22	22	0	0	0	0	100%	89%	Sep-16	100%	0	100%
Luxembourg	567 110	0	0	0	0	0	0	0	100%	89%	Sep-16	-	0	-
Malta	418 670	0	0	0	0	0	0	0	100%	100%	Sep-16	-	0	-
Monaco	37 731	-	-	-	-	-	-	-	-	-	No Report	-	-	-
Montenegro	625 781	0	0	0	0	0	0	0	78%	0%	Jul-16	-	0	-
Netherlands	16 924 929	0	2	2	0	0	0	2	100%	100%	Sep-16	100%	0	100%
Norway	5 210 967	0	0	0	0	0	0	0	100%	100%	Sep-16	-	0	-
Poland	38 611 794	1.0	39	26	8	5	0	0	100%	89%	Sep-16	90.3%	0	100%
Portugal	10 349 803	0	0	0	0	0	12	0	100%	100%	Sep-16	50.0%	0.12	100%
Republic of Moldova	4 068 897	0	0	0	0	0	0	0	100%	67%	Sep-16	-	0	-
Romania	19 511 324	31.3	611	368	238	5	0	1	100%	100%	Sep-16	100%	0	150.9%
Russian Federation	143 456 918	0	0	0	0	0	0	0	11%	11%	Apr-16	-	0	-
San Marino	31 781	-	-	-	-	-	-	-	-	-	No Report	-	-	-
Serbia	8 850 975	0.1	1	1	0	0	0	0	78%	56%	Jul-16	0.0%	0	0
Slovakia	5 426 258	0	0	0	0	0	2	0	100%	100%	Sep-16	50.0%	0.04	100%
Slovenia	2 067 526	0	1	1	0	0	0	1	100%	100%	Sep-16	100%	0	100%
Spain	46 121 699	0.4	28	18	9	1	48	8	100%	100%	Sep-16	97.0%	0.10	68.4%
Sweden	9 779 426	0	3	3	0	0	0	3	100%	100%	Sep-16	100%	0	100%
Switzerland	8 298 663	4.5	48	39	6	3	89	11	100%	89%	Sep-16	96.2%	1.07	34.3%
Tajikistan	8 481 855	1.9	16	16	0	0	61	0	100%	100%	Sep-16	100%	0.72	74.0%
The former Yugoslav Republic of Macedonia	2 078 453	0	0	0	0	0	0	0	67%	33%	Jul-16	-	0	-
Turkey	78 665 830	0.1	9	9	0	0	1	0	56%	22%	Jun-16	100%	0.00	0
Turkmenistan	5 373 502	-	-	-	-	-	-	-	-	-	No Report	-	-	-
Ukraine	44 823 765	0.2	11	4	0	7	0	0	67%	67%	Aug-16	0.0%	0	0
United Kingdom	64 715 810	7.2	503	503	0	0	0	39	100%	100%	Sep-16	100%	0	8.2%
Uzbekistan	29 893 488	0.0	1	1	0	0	19	0	78%	56%	Aug-16	100%	0.06	0
<b>Total/Averages</b>	<b>910 052 542</b>	<b>2.6</b>	<b>2535</b>	<b>1910</b>	<b>385</b>	<b>240</b>	<b>926</b>	<b>185</b>	<b>85.7%</b>	<b>72.1%</b>		<b>95.4%</b>	<b>0.10</b>	<b>66.7%</b>

Data source: Monthly aggregated and case-based data reported by Member States to WHO/Europe or via ECDC/TESSy.

<sup>1</sup> Source: "World Population Prospects: The 2015 Revision", New York, United Nations.

<sup>2</sup> Incidence not meeting the target (<1) and countries not reporting monthly measles data are highlighted in red.

<sup>3</sup> All confirmed measles cases regardless of origin.

<sup>4</sup> Unless specified as laboratory confirmed or epi-linked, cases are classified as clinically compatible.

Member States submitting aggregate data: Bosnia and Herzegovina, Kazakhstan, Republic of Moldova, San Marino, Serbia, the former Yugoslav Republic of Macedonia, Turkmenistan, Ukraine.

**Summary table 4: Classification, reporting and performance of rubella, January - September 2016 (data as of 01 November 2016)**

Country	Total Population in 2015 <sup>1</sup>	Incidence Rate Jan - Sep 16 (per 1 million population) <sup>2</sup>	Total rubella cases <sup>3</sup>	Classification			Discarded Rubella	Imported cases	Reporting			Surveillance Indicators		
				Lab confirmed	Epi-Link	Clinically compatible <sup>4</sup>			Completeness	Timeliness	Month of last report	Laboratory investigation rate	Rate of discarded cases <sup>5</sup>	Origin of infection
Albania	2 896 679	0	0	0	0	0	0	0	100%	56%	Sep-16	-	0	-
Andorra	70 473	0	0	0	0	0	0	0	89%	22%	Aug-16	-	0	-
Armenia	3 017 712	0	0	0	0	0	16	0	67%	44%	Sep-16	100%	0.53	100%
Austria	8 544 586	0.4	3	1	2	0	0	0	100%	100%	Sep-16	100%	0	100%
Azerbaijan	9 753 968	0	0	0	0	0	47	0	100%	100%	Sep-16	100%	0.48	0
Belarus	9 495 826	-	-	-	-	-	-	-	-	-	Sep-16	-	-	-
Belgium <sup>5</sup>	11 299 192	-	-	-	-	-	-	-	-	-	See footnote	-	-	-
Bosnia and Herzegovina	3 810 416	0	0	0	0	0	0	0	22%	0%	Feb-16	-	0	-
Bulgaria	7 149 787	0.1	1	0	0	1	0	0	100%	67%	Sep-16	0.0%	0	0
Croatia	4 240 317	0	2	2	0	0	0	2	100%	22%	Sep-16	100%	0	100%
Cyprus	1 165 300	0	0	0	0	0	0	0	100%	100%	Sep-16	-	0	-
Czech Republic	10 543 186	0	0	0	0	0	0	0	100%	56%	Sep-16	-	0	-
Denmark <sup>5</sup>	5 669 081	-	-	-	-	-	-	-	-	-	See footnote	-	-	-
Estonia	1 312 558	0	0	0	0	0	9	0	100%	100%	Sep-16	100%	0.69	100%
Finland	5 503 457	0	0	0	0	0	0	0	100%	89%	Sep-16	-	0	-
France <sup>5</sup>	64 395 345	-	-	-	-	-	-	-	-	-	See footnote	-	-	-
Georgia	3 999 812	2.5	10	1	0	9	78	0	100%	78%	Sep-16	80.7%	1.95	100%
Germany	80 688 545	0.9	76	15	11	50	0	2	100%	100%	Sep-16	21.5%	0	43.4%
Greece	10 954 617	0	0	0	0	0	0	0	100%	89%	Sep-16	-	0	-
Hungary	9 855 023	0	0	0	0	0	3	0	100%	100%	Sep-16	100%	0.03	100%
Iceland	329 425	0	0	0	0	0	0	0	100%	100%	Sep-16	-	0	-
Ireland	4 688 465	0.6	3	0	0	3	0	0	100%	100%	Sep-16	0.0%	0	33.3%
Israel	8 064 036	0.1	1	1	0	0	0	0	11%	0%	Jul-16	0.0%	0	0
Italy	59 797 685	0.4	27	9	3	15	18	1	100%	100%	Sep-16	81.0%	0.03	73.3%
Kazakhstan	17 625 226	0.1	2	2	0	0	0	0	78%	33%	Jul-16	0.0%	0	0
Kyrgyzstan	5 939 962	0	0	0	0	0	0	0	78%	44%	Sep-16	-	0	-
Latvia	1 970 503	0	0	0	0	0	0	0	100%	89%	Sep-16	-	0	-
Lithuania	2 878 405	0	0	0	0	0	0	0	100%	89%	Sep-16	-	0	-
Luxembourg	567 110	0	0	0	0	0	0	0	100%	89%	Sep-16	-	0	-
Malta	418 670	0	0	0	0	0	0	0	100%	100%	Sep-16	-	0	-
Monaco	37 731	-	-	-	-	-	-	-	-	-	No Report	-	-	-
Montenegro	625 781	-	-	-	-	-	-	-	-	-	Jul-16	-	-	-
Netherlands	16 924 929	0	0	0	0	0	0	0	100%	100%	Sep-16	-	0	-
Norway	5 210 967	0	0	0	0	0	0	0	100%	100%	Sep-16	-	0	-
Poland	38 611 794	24.2	935	0	0	935	0	0	100%	100%	Sep-16	0.0%	0	0
Portugal	10 349 803	0.9	9	0	0	9	8	0	100%	100%	Sep-16	52.9%	0.08	100%
Republic of Moldova	4 068 897	0	0	0	0	0	0	0	44%	33%	Sep-16	-	0	-
Romania	19 511 324	0.4	8	7	0	1	0	0	100%	78%	Sep-16	87.5%	0	100%
Russian Federation	143 456 918	-	-	-	-	-	-	-	-	-	Apr-16	-	-	-
San Marino	31 781	-	-	-	-	-	-	-	-	-	No Report	-	-	-
Serbia	8 850 975	-	-	-	-	-	-	-	-	-	No Report	-	-	-
Slovakia	5 426 258	0	0	0	0	0	0	0	100%	100%	Sep-16	-	0	-
Slovenia	2 067 526	0	0	0	0	0	0	0	100%	100%	Sep-16	-	0	-
Spain	46 121 699	0.0	2	2	0	0	5	1	100%	100%	Sep-16	100%	0.01	85.7%
Sweden	9 779 426	0.1	1	1	0	0	0	0	100%	100%	Sep-16	100%	0	0
Switzerland	8 298 663	0	0	0	0	0	25	0	100%	89%	Sep-16	96.0%	0.30	0
Tajikistan	8 481 855	0.2	2	1	0	1	44	0	100%	89%	Sep-16	100%	0.52	100%
The former Yugoslav Republic of Macedonia	2 078 453	0	0	0	0	0	0	0	56%	33%	Jul-16	-	0	-
Turkey	78 665 830	-	-	-	-	-	-	-	-	-	No Report	-	-	-
Turkmenistan	5 373 502	-	-	-	-	-	-	-	-	-	No Report	-	-	-
Ukraine	44 823 765	0.2	7	3	0	4	0	0	33%	33%	Aug-16	0.0%	0	0
United Kingdom	64 715 810	0	1	1	0	0	0	1	100%	100%	Sep-16	100%	0	100%
Uzbekistan	29 893 488	-	-	-	-	-	-	-	-	-	Aug-16	100%	-	-
<b>Total/Averages</b>	<b>910 052 542</b>	<b>1.2</b>	<b>1090</b>	<b>46</b>	<b>16</b>	<b>1028</b>	<b>253</b>	<b>7</b>	<b>73.8%</b>	<b>60.4%</b>		<b>22.3%</b>	<b>0.03</b>	<b>19.8%</b>

Data source: Monthly aggregated and case-based data reported by Member States to WHO/Europe or via ECDC/TESSy.

<sup>1</sup> Source: World Population Prospects: The 2015 Revision, New York, United Nations.

<sup>2</sup> Incidence not meeting the target (<1) and countries not reporting monthly rubella data are highlighted in red.

<sup>3</sup> All confirmed rubella cases regardless of origin.

<sup>4</sup> Unless specified as laboratory confirmed or epi-linked, cases are classified as clinically compatible.

<sup>5</sup> Belgium, Denmark, and France do not have comprehensive rubella surveillance systems.

Member States submitting aggregate data: Bosnia and Herzegovina, Kazakhstan, Republic of Moldova, San Marino, Serbia, the former Yugoslav Republic of Macedonia, Turkmenistan, Ukraine.

**Summary table 5: Measles and rubella laboratory test results, January - September 2016 (data as of 01 November 2016)**

Country	Specimen* (Serum, Oral Fluid, Swab, Urine and other)								Reporting		
	Tested for measles	Positive for measles (%)	Measles Equivocal	Negative for measles	Tested for rubella	Positive for rubella (%)	Rubella Equivocal	Negative for rubella	% Completeness	% Timeliness	Month of last report
Albania	17	1 (6.0)	0	16	1	0 (0.0)	0	1	100.0%	77.8%	Sep-15
Andorra											No Lab
Armenia	72	0 (0.0)	0	72	72	0 (0.0)	0	72	66.7%	11.1%	Jun-15
Austria	968	15 (2.0)	0	953	3998	3 (0.0)	0	3995	100.0%	100.0%	Sep-15
Azerbaijan	108	0 (0.0)	0	108	131	0 (0.0)	0	131	77.8%	77.8%	Jul-15
Belarus	376	43 (11.0)	1	332	343	0 (0.0)	0	343	100.0%	88.9%	Sep-15
Belgium	219	55 (25.0)	7	157	33	6 (18.0)	1	26	77.8%	77.8%	Jul-15
Bosnia and Herzegovina	0		0	0	0		0	0	84.0%		No Report
Bulgaria	36	1 (3.0)	0	35	36	0 (0.0)	0	36	100.0%	100.0%	Sep-15
Croatia	0		0	0	0		0	0	0	0	No Report
Cyprus	114	0 (0.0)	1	113	113	0 (0.0)	0	113	100.0%	100.0%	Sep-15
Czech Republic	23	8 (35.0)	1	14	1	0 (0.0)	0	1	100.0%	100.0%	Sep-15
Denmark	313	10 (3.0)	6	297	49	0 (0.0)	6	43	100.0%	100.0%	Sep-15
Estonia	64	2 (3.0)	0	62	366	2 (1.0)	0	364	100.0%	100.0%	Sep-15
Finland	205	4 (2.0)	1	200	286	0 (0.0)	0	286	55.6%	44.4%	May-15
France	333	71 (21.0)	4	258	147	28 (19.0)	0	119	100.0%	0	Sep-15
Georgia	49	1 (2.0)	3	45	53	1 (2.0)	2	50	55.6%	22.2%	May-15
Germany	0		0	0	0		0	0	0	0	No Report
Greece	9	1 (11.0)	0	8	133	37 (28.0)	14	82	77.8%	22.2%	Jul-15
Hungary	89	0 (0.0)	0	89	93	0 (0.0)	0	93	100.0%	100.0%	Sep-15
Iceland	0		0	0	0		0	0	0	0	No Report
Ireland	788	87 (11.0)	33	668	1040	1 (0.0)	5	1034	77.8%	77.8%	Jul-15
Israel	166	26 (16.0)	0	140	479	198 (41.0)	0	281	100.0%	100.0%	Sep-15
Italy	174	109 (63.0)	2	63	98	0 (0.0)	0	98	100.0%	66.7%	Sep-15
Kazakhstan	175	65 (37.0)	0	110	144	2 (1.0)	0	142	77.8%	77.8%	Sep-15
Kyrgyzstan	0		0	0	0		0	0	0	0	No Report
Latvia	172	0 (0.0)	6	166	207	0 (0.0)	2	205	100.0%	88.9%	Sep-15
Lithuania	154	27 (18.0)	3	112	135	0 (0.0)	0	123	100.0%	88.9%	Sep-15
Luxembourg	78	0 (0.0)	1	77	3	0 (0.0)	0	3	100.0%	100.0%	Sep-15
Malta	32	0 (0.0)	0	32	1253	1 (0.0)	0	1252	100.0%	100.0%	Sep-15
Monaco											No Lab
Montenegro											No Lab
Netherlands	0		0	0	0		0	0	0	0	No Report
Norway	0		0	0	0		0	0	0	0	No Report
Poland	0		0	0	0		0	0	0	0	No Report
Portugal	0		0	0	0		0	0	0	0	No Report
Republic of Moldova	56	0 (0.0)	0	56	56	0 (0.0)	0	56	100.0%	100.0%	Sep-15
Romania	795	540 (68.0)	10	243	265	8 (3.0)	0	257	100.0%	100.0%	Sep-15
Russian Federation	2474	138 (6.0)	7	2329	2454	70 (3.0)	4	2380	100.0%	100.0%	Sep-15
San Marino											No Lab
Serbia	3	0 (0.0)	0	3	3	0 (0.0)	0	3	11.1%	11.1%	Feb-16
Slovakia	5	0 (0.0)	1	4	2	0 (0.0)	0	2	100.0%	100.0%	Sep-15
Slovenia	35	2 (6.0)	1	32	2	0 (0.0)	0	2	100.0%	100.0%	Sep-15
Spain	-		-	-	-		-	-	-	-	No Report
Sweden <sup>#</sup>	-	7 (2.0)	-	-	-	5 (0.0)	-	-	-	-	Sep-15
Switzerland	139	66 (47.0)	1	72	6	6 (100.0)	0	0	100.0%	88.9%	Sep-15
Tajikistan	-		-	-	-		-	-	-	-	No Report
The former Yugoslav Republic of Macedonia	19	0 (0.0)	0	19	449	0 (0.0)	0	449	55.6%	0	May-15
Turkey	1870	63 (3.0)	15	1792	1631	37 (2.0)	8	1586	100.0%	100.0%	Sep-15
Turkmenistan <sup>#</sup>	-		-	-	-		-	-	-	-	No Report
Ukraine	534	6 (1.0)	2	526	528	1 (0.0)	1	526	100.0%	88.9%	Sep-15
United Kingdom	3749	864 (23.0)	0	2885	1729	4 (0.0)	0	1725	100.0%	33.3%	Sep-15
Uzbekistan	45	1 (2.0)	0	44	45	0 (0.0)	0	45	100.0%	100.0%	Sep-15
<b>Total / Average</b>	<b>14458</b>	<b>2213 (15%)</b>	<b>106</b>	<b>12132</b>	<b>16384</b>	<b>410 (2%)</b>	<b>43</b>	<b>15924</b>	<b>62.9%</b>	<b>51.8%</b>	

Data source: Aggregated monthly data provided by regional measles and rubella laboratory network (MR Labnet) to WHO/Europe. Bosnia and Herzegovina are only reporting to specimen-based MR lab data management system (MR LDMS).

<sup>#</sup>Sweden and Turkmenistan lab data not displayed as lab reporting does not match the required format and frequency.

\*Specimen based data are not population based, and should not be interpreted as indicators for epidemiological surveillance. Laboratories may have received more than 1 clinical sample or may have conducted more than 1 test for a given case reported in Table 1.

