DQI (birth years 2013-2017)	EUROCAT average	Styria (Austria)	Antwerp (Belgium)	Hainaut (Belgium)	Zagreb (Croatia)	Odense (Denmark)	Auvergne (France)
ASCERTAINMENT							
Total no. of cases		966	2588	1270	512	473	2367
Total congenital anomaly prevalence [95% confidence interval]	**262.2** **[260.5 - 263.9]**	223.5 [209.6 - 238.1]	319.2 [307 - 331.7]	226.5 [214.2 - 239.3]	231.4 [211.8 - 252.4]	260.1 [237.2 - 284.6]	369.0 [354.3 - 384.1]
Anencephaly prevalence	**4**	1.6	1.8	2.9	2.3	4.9	4.7
Severe cardiac defects prevalence	**24.3**	23.8	23.9	21	17.2	20.9	29.6
Selected postnatal diagnosis prevalence	**13.1**	14.1	26.3	13.7	4.5	12.1	22.9
Genetic syndromes and microdeletions prevalence	**6.2**	5.6	15.2	9.5	3.2	12.6	12.3
Prevalence malformed fetal deaths	**4.3**	3	2.7	2.9	7.2	0.5	4.5
Down syndrome: Observed/Expected ratio by maternal age	**1**		1.038				1.235
ACCURACY OF DIAGNOSIS							
% Potential multiple anomalies	**10.6**	19.5	11.4	8.7	8.6	7	15.8
% fetal deaths with postmortem carried out	**40.2**	100	18.2	68.8	87.5	100	82.8
% TOPFA (GA >=15 weeks) with postmortem carried out	**31.8**	94.2	9.2	47.6	89.8	49.1	72.6
% Chromosomal cases (except T13, T18 & T21) with karyotype text	**77.4**	91.2	28.4	78.6	100	100	94.7
% Potential multiple anomalies with karyotype text	**31.2**	25.5	15.6	43.6	13.6	72.7	47.2
Prevalence selected 4-digit Q-BPA codes	**20.4**	18	22.8	0	39.8	25.3	35.5
Prevalence selected unspecified Q-codes	**8.2**	5.1	13.9	1.6	0.9	0	2.2
% LB with ASD, VSD, Hydronephrosis, Hypospadia or club foot with surgery data	**54.3**	97.4	64.1	72.7	90.3	98.1	87.6
COMPLETENESS OF INFORMATION							
No. of core variables 90% complete (out of selected 12*)		12	9	9	11	11	11
No. of non-core variables 80% complete (out of selected 23#)		6	8	6	18	16	5
% TOPFA with civil registration known	**89.5**	98.6	0	100	93.4	100	67.8
% LB with one week survival known	**93.3**	99.1	95.4	98.8	99.8	100	100
% ATC codes with 7 digits and in correct format	**83.8**	-	85.7	93.7	97.2	95.7	-
% Genetic syndromes + microdeletions with syndrome text complete	**78.4**	75	63.4	96.2	71.4	100	94.9
% Malformation 1 text complete	**86.7**	99.9	100	98.5	100	100	100
Number of unresolved data edits	**0**	0	0	0	0	0	0
TIMELINESS							
Timeliness for February deadline	**Total for birth year 2017 (sub. Feb. 2019): 21/33**	YES		YES	YES		
DENOMINATORS							
No. of year included in DQI		5	4	5	5	4	5
Years with 80% maternal age denominators	**4**	4	4	3	4	2	5
Years with monthly denominators	**2.7**	0	4	4	4	0	5

* Including surgery

excluded: Surgery (moved to core variables), Aethiology, Folic Acid (recently replaced by Folic_G14)

DQI (birth years 2013-2017)	EUROCAT average	Brittany (France)	French West Indies (France)	Isle de la Reunion (France)	Paris (France)	Mainz (Germany)	Saxony-Anhalt (Germany)
ASCERTAINMENT							
Total no. of cases		6001	1148	2421	4069	301	2720
Total congenital anomaly prevalence [95% confidence interval]	262.2 [260.5 - 263.9]	351.7 [342.9 - 360.7]	258.2 [243.5 - 273.5]	340.1 [326.7 - 353.9]	322.1 [312.3 - 332.1]	457.9 [407.7 - 512.7]	310.7 [299.2 - 322.6]
Anencephaly prevalence	4	6	6.3	6.5	4.8	1.5	3.2
Severe cardiac defects prevalence	24.3	27	27	23.7	24	31.9	33.1
Selected postnatal diagnosis prevalence	13.1	16.6	18.4	18.4	14.8	16.7	14.4
Genetic syndromes and microdeletions prevalence	6.2	8.7	5.6	10.1	6.3	18.3	6.9
Prevalence malformed fetal deaths	4.3	3.6	10.6	5.5	6.3	13.7	2.7
Down syndrome: Observed/Expected ratio by maternal age	1			1.111	1.262		1.019
ACCURACY OF DIAGNOSIS							
% Potential multiple anomalies	10.6	10	17.5	11.6	10.1	5.6	11.7
% fetal deaths with postmortem carried out	40.2	55.7	10.6	48.7	0	0	29.2
% TOPFA (GA >=15 weeks) with postmortem carried out	31.8	56.7	14.1	33.1	0	3.6	33.5
% Chromosomal cases (except T13, T18 & T21) with karyotype text	77.4	94.2	90.8	98.7	97.8	0	98.5
% Potential multiple anomalies with karyotype text	31.2	57.2	62.7	54.4	68.3	0	22.4
Prevalence selected 4-digit Q-BPA codes	20.4	28.7	26.5	34.6	18.7	3	86.7
Prevalence selected unspecified Q-codes	8.2	3	1.3	0	15.2	0	2.2
% LB with ASD, VSD, Hydronephrosis, Hypospadia or club foot with surgery data	54.3	88.1	91.9	98.8	67.9	0	84.5
COMPLETENESS OF INFORMATION							
No. of core variables 90% complete (out of selected 12*)		10	11	11	11	11	11
No. of non-core variables 80% complete (out of selected 23#)		11	18	17	11	12	11
% TOPFA with civil registration known	89.5	65	100	100	100	100	100
% LB with one week survival known	93.3	99.7	99.7	100	100	100	100
% ATC codes with 7 digits and in correct format	83.8	88.4	93.4	89.4	94.8	4.5	79.6
% Genetic syndromes + microdeletions with syndrome text complete	78.4	75	80	88.9	90	100	100
% Malformation 1 text complete	86.7	100	100	100	17.7	0.4	100
Number of unresolved data edits	0	0	0	0	0	0	0
TIMELINESS							
Timeliness for February deadline	Total for birth year 2017 (sub. Feb. 2019): 21/33	YES	YES	YES	YES		YES
DENOMINATORS							
No. of year included in DQI		5	5	5	5	4	5
Years with 80% maternal age denominators	4	0	0	5	5	2	5
Years with monthly denominators	2.7	0	0	5	5	0	5

* Including surgery

excluded: Surgery (moved to core variables), Aethiology, Folic Acid (recently replaced by Folic_G1

DQI (birth years 2013-2017)	EUROCAT average	Cork and Kerry (Ireland)	SE Ireland (Ireland)	Emilia Romagna (Italy)	Milan Area (Italy)	Tuscany (Italy)	Malta
ASCERTAINMENT							
Total no. of cases		1416	437	5119	2141	3017	635
Total congenital anomaly prevalence [95% confidence interval]	**262.2** **[260.5 - 263.9]**	312.0 [296 - 328.7]	158.8 [144.3 - 174.4]	285.6 [277.8 - 293.5]	239.4 [229.4 - 249.7]	222.9 [215.1 - 231]	290.1 [268 - 313.5]
Anencephaly prevalence	**4**	5.7	4.7	1.7	1.8	1.9	2.3
Severe cardiac defects prevalence	**24.3**	23.4	17.1	23.1	22	20	35.6
Selected postnatal diagnosis prevalence	**13.1**	7.7	5.1	17.4	11.7	7.5	15.5
Genetic syndromes and microdeletions prevalence	**6.2**	9.5	3.6	7.9	3.6	2.8	3.2
Prevalence malformed fetal deaths	**4.3**	9.5	10.5	0.8	0.1	1.8	6.9
Down syndrome: Observed/Expected ratio by maternal age	**1**	1.183	1.023	0.822	0.578	0.732	0.979
ACCURACY OF DIAGNOSIS							
% Potential multiple anomalies	**10.6**	6.9	12.6	8.8	7.6	7.4	10.6
% fetal deaths with postmortem carried out	**40.2**	34.9	6.9	73.3	100	50	66.7
% TOPFA (GA >=15 weeks) with postmortem carried out	**31.8**	illegal	illegal	43.5	64.6	37	illegal
% Chromosomal cases (except T13, T18 & T21) with karyotype text	**77.4**	97.5	71.4	51.5	82.2	55.4	18.2
% Potential multiple anomalies with karyotype text	**31.2**	49	36.4	37.2	36.4	30.6	10.4
Prevalence selected 4-digit Q-BPA codes	**20.4**	14.8	17.4	22.3	19	10.4	69
Prevalence selected unspecified Q-codes	**8.2**	2.6	8.4	24.4	3.9	9.2	3.2
% LB with ASD, VSD, Hydronephrosis, Hypospadia or club foot with surgery data	**54.3**	92.9	76.7	11.4	95.5	42	98.8
COMPLETENESS OF INFORMATION							
No. of core variables 90% complete (out of selected 12*)		12	11	11	9	10	12
No. of non-core variables 80% complete (out of selected 23#)		5	14	13	12	4	19
% TOPFA with civil registration known	**89.5**	illegal	illegal	100	99.6	100	illegal
% LB with one week survival known	**93.3**	99.9	100	92.4	99.8	97.5	99.8
% ATC codes with 7 digits and in correct format	**83.8**	96.5	87.8	83.4	91.2	87.1	97.7
% Genetic syndromes + microdeletions with syndrome text complete	**78.4**	97.7	80	100	81.3	89.5	85.7
% Malformation 1 text complete	**86.7**	100	99.7	100	100	100	100
Number of unresolved data edits	**0**	0	0	0	0	0	0
TIMELINESS							
Timeliness for February deadline	**Total for birth year 2017 (sub. Feb. 2019): 21/33**	YES		YES		YES	
DENOMINATORS							
No. of year included in DQI		5	4	5	3	5	5
Years with 80% maternal age denominators	**4**	5	4	5	3	5	5
Years with monthly denominators	**2.7**	5	0	5	3	5	5

* Including surgery

excluded: Surgery (moved to core variables), Aethiology, Folic Acid (recently replaced by Folic_G1

DQI (birth years 2013-2017)	EUROCAT average	N Netherlands (NL)	Norway	Wielkopolska (Poland)	S Portugal (Portugal)	Basque Country (Spain)	Navarra (Spain)
ASCERTAINMENT							
Total no. of cases		2198	6096	3901	970	2224	993
Total congenital anomaly prevalence [95% confidence interval]	**262.2** **[260.5 - 263.9]**	280.9 [269.3 - 292.9]	253.2 [246.9 - 259.7]	205.9 [199.5 - 212.4]	109.1 [102.3 - 116.2]	293.1 [281 - 305.5]	331.1 [310.9 - 352.4]
Anencephaly prevalence	**4**	4.7	2.7	0.3	1.8	6.3	6.3
Severe cardiac defects prevalence	**24.3**	28	24.5	13.7	10.1	26	32.7
Selected postnatal diagnosis prevalence	**13.1**	11.2	10.2	7.8	3.9	19.4	21.7
Genetic syndromes and microdeletions prevalence	**6.2**	11.9	3.4	3.4	1.3	7.6	10
Prevalence malformed fetal deaths	**4.3**	5.6	3.1	0.1	2.1	0.5	3.3
Down syndrome: Observed/Expected ratio by maternal age	**1**	0.843	0.98	0.7	0.57	1.166	1.183
ACCURACY OF DIAGNOSIS							
% Potential multiple anomalies	**10.6**	10.2	8.9	8.4	13.6	12.1	8.2
% fetal deaths with postmortem carried out	**40.2**	45.5	0	0	84.2	50	70
% TOPFA (GA >=15 weeks) with postmortem carried out	**31.8**	34.7	0	0	92.3	74.8	10.6
% Chromosomal cases (except T13, T18 & T21) with karyotype text	**77.4**	96.6	0	27.1	97.7	90.7	100
% Potential multiple anomalies with karyotype text	**31.2**	74.1	0	21.9	40.9	44.6	48.1
Prevalence selected 4-digit Q-BPA codes	**20.4**	21.9	1.5	15.4	11	32.6	31.3
Prevalence selected unspecified Q-codes	**8.2**	0.9	14.9	10.2	3.7	1.2	2.3
% LB with ASD, VSD, Hydronephrosis, Hypospadia or club foot with surgery data	**54.3**	85.9	0	0	16.9	99.1	97.8
COMPLETENESS OF INFORMATION							
No. of core variables 90% complete (out of selected 12*)		9	9	4	11	12	12
No. of non-core variables 80% complete (out of selected 23#)		8	3	2	14	14	14
% TOPFA with civil registration known	**89.5**	100	0	100	94.6	99.1	100
% LB with one week survival known	**93.3**	100	100	20.1	95.3	100	100
% ATC codes with 7 digits and in correct format	**83.8**	93.7	86.4	88.9	18.1	97.9	96.4
% Genetic syndromes + microdeletions with syndrome text complete	**78.4**	100	73.5	98.5	66.7	82.8	93.3
% Malformation 1 text complete	**86.7**	100	0	98.9	99.6	100	100
Number of unresolved data edits	**0**	0	0	0	0	0	0
TIMELINESS							
Timeliness for February deadline	**Total for birth year 2017 (sub. Feb. 2019): 21/33**	YES		YES	YES		
DENOMINATORS							
No. of year included in DQI		5	4	5	5	4	5
Years with 80% maternal age denominators	**4**	5	4	5	5	4	5
Years with monthly denominators	**2.7**	0	4	5	0	4	5

* Including surgery

excluded: Surgery (moved to core variables), Aethiology, Folic Acid (recently replaced by Folic_G1

DQI (birth years 2013-2017)	EUROCAT average	Valencian Region (Spain)	Vaud (Switzerland)	Ukraine	East Midlands & South Yorkshire (United Kingdom)	Northern England (United Kingdom)	South West England (United Kingdom)
ASCERTAINMENT							
Total no. of cases		5753	1392	3151	3061	3685	6238
Total congenital anomaly prevalence [95% confidence interval]	**262.2** **[260.5 - 263.9]**	267.1 [260.3 - 274.1]	326.1 [309.2 - 343.7]	263.8 [254.7 - 273.2]	211.4 [204 - 219]	232.5 [225.1 - 240.2]	253.5 [247.2 - 259.9]
Anencephaly prevalence	**4**	2.5	3.3	7.4	7.9	6.2	4.9
Severe cardiac defects prevalence	**24.3**	20	31.9	24.6	29.8	29.2	24.5
Selected postnatal diagnosis prevalence	**13.1**	19.5	19.9	10.3	8.1	9.6	10.5
Genetic syndromes and microdeletions prevalence	**6.2**	8.1	10.3	3.3	1.5	5.5	6.9
Prevalence malformed fetal deaths	**4.3**	3.8	3.3	4.7	7.7	6.2	6.3
Down syndrome: Observed/Expected ratio by maternal age	**1**	1.01	1.104	1.095	1.207	1.309	1.19
ACCURACY OF DIAGNOSIS							
% Potential multiple anomalies	**10.6**	13.6	13.4	10.6	9.3	9.1	11.7
% fetal deaths with postmortem carried out	**40.2**	58	35.7	73.2	19.6	42.9	56.1
% TOPFA (GA >=15 weeks) with postmortem carried out	**31.8**	1.3	42.3	72.3	12.8	34.6	29.5
% Chromosomal cases (except T13, T18 & T21) with karyotype text	**77.4**	40.8	97.2	97.1	90.8	77.4	85.6
% Potential multiple anomalies with karyotype text	**31.2**	20.2	34.4	18.8	33.5	0.9	16.2
Prevalence selected 4-digit Q-BPA codes	**20.4**	18.7	41	27.4	18.2	10.3	17.7
Prevalence selected unspecified Q-codes	**8.2**	14.3	1.6	1.2	4.4	7.9	11.7
% LB with ASD, VSD, Hydronephrosis, Hypospadia or club foot with surgery data	**54.3**	60.1	98.6	32.1	16.4	45.3	33.8
COMPLETENESS OF INFORMATION							
No. of core variables 90% complete (out of selected 12*)		10	12	11	9	8	6
No. of non-core variables 80% complete (out of selected 23#)		7	15	21	1	2	1
% TOPFA with civil registration known	**89.5**	100	97.4	99.6	100	99.7	99.5
% LB with one week survival known	**93.3**	100	100	100	96.7	94.3	89.9
% ATC codes with 7 digits and in correct format	**83.8**	67.9	83.1	78.7	85.8	83.6	87.9
% Genetic syndromes + microdeletions with syndrome text complete	**78.4**	94.8	100	87.5	36.4	27.6	48
% Malformation 1 text complete	**86.7**	100	100	100	74.1	88.1	95.7
Number of unresolved data edits	**0**	0	0	0	0	0	0
TIMELINESS							
Timeliness for February deadline	**Total for birth year 2017 (sub. Feb. 2019): 21/33**		YES		YES	YES	YES
DENOMINATORS							
No. of year included in DQI		5	5	4	2	5	5
Years with 80% maternal age denominators	**4**	5	5	4	2	5	5
Years with monthly denominators	**2.7**	5	5	4	0	0	0

* Including surgery

excluded: Surgery (moved to core variables), Aethiology, Folic Acid (recently replaced by Folic_G1⁴

DQI (birth years 2013-2017)	EUROCAT average	Thames Valley (United Kingdom)	Wales (United Kingdom)	Wessex (United Kingdom)
ASCERTAINMENT				
Total no. of cases		3309	4969	3177
Total congenital anomaly prevalence [95% confidence interval]	**262.2** **[260.5 - 263.9]**	225.3 [217.7 - 233.1]	298.5 [290.2 - 306.9]	212.4 [205.1 - 219.9]
Anencephaly prevalence	**4**	4.4	4.4	5.2
Severe cardiac defects prevalence	**24.3**	25.5	29.9	25.3
Selected postnatal diagnosis prevalence	**13.1**	10.8	17.1	10.6
Genetic syndromes and microdeletions prevalence	**6.2**	4.4	4.9	6.6
Prevalence malformed fetal deaths	**4.3**	6.4	6.5	7.3
Down syndrome: Observed/Expected ratio by maternal age	**1**	1.058		
ACCURACY OF DIAGNOSIS				
% Potential multiple anomalies	**10.6**	9.8	12.4	10.7
% fetal deaths with postmortem carried out	**40.2**	18.1	37	54.1
% TOPFA (GA >=15 weeks) with postmortem carried out	**31.8**	17.4	29.8	33.4
% Chromosomal cases (except T13, T18 & T21) with karyotype text	**77.4**	73.5	97.2	89.2
% Potential multiple anomalies with karyotype text	**31.2**	11.1	23.9	34.8
Prevalence selected 4-digit Q-BPA codes	**20.4**	14.6	20	13
Prevalence selected unspecified Q-codes	**8.2**	6.9	8.1	3.5
% LB with ASD, VSD, Hydronephrosis, Hypospadia or club foot with surgery data	**54.3**	31.2	74.4	52
COMPLETENESS OF INFORMATION				
No. of core variables 90% complete (out of selected 12*)		5	11	9
No. of non-core variables 80% complete (out of selected 23#)		1	7	1
% TOPFA with civil registration known	**89.5**	100	99.9	99.7
% LB with one week survival known	**93.3**	90.1	100	98.8
% ATC codes with 7 digits and in correct format	**83.8**	84.3	86.7	91.4
% Genetic syndromes + microdeletions with syndrome text complete	**78.4**	30.8	93.8	45.9
% Malformation 1 text complete	**86.7**	96.4	100	96.1
Number of unresolved data edits	**0**	0	0	0
TIMELINESS				
Timeliness for February deadline	**Total for birth year 2017 (sub. Feb. 2019): 21/33**	YES	YES	YES
DENOMINATORS				
No. of year included in DQI		5	5	5
Years with 80% maternal age denominators	**4**	5	4	4
Years with monthly denominators	**2.7**	0	1	0

* Including surgery

excluded: Surgery (moved to core variables), Aethiology, Folic Acid (recently replaced by Folic_G1