DQI (birth years 2011-2015)	EUROCAT	Styria (Austria)	Antwerp (Belgium)	Hainaut (Belgium)	Zagreb (Croatia)	Odense (Denmark)	Auvergne (France)
ASCERTAINMENT							
Total no. of cases		1217	3014	1320	597	647	2431
Total congenital anomaly prevalence [95% confidence interval]	260.6 [259 - 262.3]	231.4 [218.6 - 244.8]	290.5 [280.3 - 301.1]	220.6 [208.8 - 232.8]	202.5 [186.6 - 219.4]	283.3 [261.9 - 305.9]	366.2 [351.8 - 381.1]
Anencephaly prevalence	3.9	1	1.6	3.3	1.7	3.9	5.9
Severe cardiac defects prevalence	23.6	25.7	23.5	17.9	15.9	23.2	26.7
Selected postnatal diagnosis prevalence	12.9	15.8	23.7	11.9	1.7	10.5	19
Genetic syndromes and microdeletions prevalence	6.1	5.1	13	8.5	2	14.9	9.8
Prevalence malformed fetal deaths	4.4	2.7	3.3	2.3	3.7	2.2	4.8
Down syndrome: Observed/Expected ratio by maternal age	1	0.992	0.956		0.92		1.286
ACCURACY OF DIAGNOSIS							
% Potential multiple anomalies	10.5	21.6	13	8.9	6.9	8	14.6
% fetal deaths with postmortem carried out	40.4	92.9	17.6	64.3	90.9	40	40.6
% TOPFA (GA >=15 weeks) with postmortem carried out	33.3	90.6	12.3	42.3	80.9	53.5	33.4
% Chromosomal cases (except T13, T18 & T21) with karyotype text	75.3	92.5	37.1	81.8	100	100	59.2
% Potential multiple anomalies with karyotype text	29	23.2	20.2	41	17.1	73.1	30.1
Prevalence selected 4-digit Q-BPA codes	18.8	23.8	17.9	0	36	24.1	34.2
Prevalence selected unspecified Q-codes	9.5	4	13.2	0.8	0.7	0.9	6.2
% LB with ASD, VSD, Hydronephrosis, Hypospadia or club foot with surgery data	45.3	99.2	54.1	32.1	78.9	98.1	52
COMPLETENESS OF INFORMATION							
No. of core variables 90% complete (out of selected 12*)		12	9	10	11	11	9
No. of non-core variables 80% complete (out of selected 23#)		7	8	6	17	15	0
% TOPFA with civil registration known	87.3	98.3	0	100	65	100	94
% LB with one week survival known	92.5	99.5	98.3	99.4	100	100	60.2
% ATC codes with 7 digits and in correct format	82.7	-	86.6	86.9	86.2	95.5	-
% Genetic syndromes + microdeletions with syndrome text complete	78.3	88.9	67.4	100	66.7	100	95.4
% Malformation 1 text complete	84.7	99.9	100	98.6	99.8	100	100
Number of unresolved data edits	0.7	0	0	0	0	0	0
TIMELINESS							
Timeliness for February deadline	Total for birth year 2015 (sub. Feb. 2017): 16/34			YES	YES		
DENOMINATORS							
No. of year included in DQI		5	5	5	5	5	5
Years with 80% maternal age denominators	4.2	5	5	1	5	4	5
Years with monthly denominators	2.8	0	5	5	5	0	5

<sup>\*</sup> Including surgery

<sup>#</sup> excluded: Surgery (moved to core variables), Aethiology, Folic Acid (recently replaced by Folic\_G14)

DQI (birth years 2011-2015)	EUROCAT	Brittany (France)	French West Indies (France)	Isle de la Reunion (France)	Paris (France)	Mainz (Germany)	Saxony-Anhalt (Germany)
ASCERTAINMENT							
Total no. of cases		6433	1210	2335	4341	621	2627
Total congenital anomaly prevalence [95% confidence interval]	260.6 [259 - 262.3]	359.0 [350.3 - 367.9]	254.8 [240.6 - 269.5]	325.4 [312.3 - 338.9]	336.7 [326.8 - 346.9]	478.9 [442 - 518]	307.9 [296.2 - 319.9]
Anencephaly prevalence	3.9	5.7	4.4	7.8	4.5	4.6	1.9
Severe cardiac defects prevalence	23.6	27.3	27	25.8	24.7	31.6	30.8
Selected postnatal diagnosis prevalence	12.9	15.7	13.7	18	15.7	14.7	13
Genetic syndromes and microdeletions prevalence	6.1	8.8	8	9.5	6.1	18.5	5.3
Prevalence malformed fetal deaths	4.4	3.3	10.5	6.1	6.1	14.7	3.6
Down syndrome: Observed/Expected ratio by maternal age	1			1.148	1.341		1.002
ACCURACY OF DIAGNOSIS							
% Potential multiple anomalies	10.5	8.9	12.9	12.1	11.3	5.3	11.6
% fetal deaths with postmortem carried out	40.4	69.5	12	54.5	0	0	61.3
% TOPFA (GA >=15 weeks) with postmortem carried out	33.3	61.8	11.7	38.5	0	6.6	40.2
% Chromosomal cases (except T13, T18 & T21) with karyotype text	75.3	95.1	90.9	98.7	81.3	18.2	96.7
% Potential multiple anomalies with karyotype text	29	55.7	63.5	57.4	53	0	20.9
Prevalence selected 4-digit Q-BPA codes	18.8	27.7	21.1	28.6	17.5	9.3	82
Prevalence selected unspecified Q-codes	9.5	2.9	1.3	0.7	17.7	1.5	4.1
% LB with ASD, VSD, Hydronephrosis, Hypospadia or club foot with surgery data	45.3	82.5	94.6	86.6	42.3	0	70.1
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#)		9	18	15	6	12	10
% TOPFA with civil registration known	87.3	68	100	99.8	100	100	100
% LB with one week survival known	92.5	99.3	99.9	100	100	100	100
% ATC codes with 7 digits and in correct format	82.7	88.5	92.2	76	93.5	6.3	79.3
% Genetic syndromes + microdeletions with syndrome text complete	78.3	79.7	68.4	92.6	86.1	100	100
% Malformation 1 text complete	84.7	100	100	100	0.1	3.8	100
Number of unresolved data edits	0.7	0	1	6	1	0	1
TIMELINESS							
Timeliness for February deadline	Total for birth year 2015 (sub. Feb. 2017): 16/34		YES	YES			YES
DENOMINATORS	Í						
No. of year included in DQI		5	5	5	5	5	5
Years with 80% maternal age denominators	4.2	0	0	5	5	4	5
Years with monthly denominators	2.8	0	0	5	5	1	5

<sup>\*</sup> Including surgery

<sup>#</sup> excluded: Surgery (moved to core variables), Aethiology, Folic Acid (recently replaced by Folic\_G14

DQI (birth years 2011-2015)	EUROCAT	Cork and Kerry (Ireland)	Dublin (Ireland)	SE Ireland (Ireland)	Emilia Romagna (Italy)	Milan Area (Italy)	Tuscany (Italy)
ASCERTAINMENT							
Total no. of cases		1578	592	639	5236	2900	3127
Total congenital anomaly prevalence [95% confidence interval]	260.6 [259 - 262.3]	326.0 [310.1 - 342.5]	106.6 [98.2 - 115.5]	176.2 [162.8 - 190.4]	274.6 [267.2 - 282.2]	240.7 [232 - 249.6]	217.5 [209.9 - 225.2]
Anencephaly prevalence	3.9	5.8	2.2	4.4	2.1	1.8	2.4
Severe cardiac defects prevalence	23.6	26.4	12.8	17.4	23.3	22.2	17.2
Selected postnatal diagnosis prevalence	12.9	11.6	4.9	5.5	16	11.5	6.7
Genetic syndromes and microdeletions prevalence	6.1	9.1	2.3	4.1	6.7	3.7	2.9
Prevalence malformed fetal deaths	4.4	8.1	11.2	9.9	0.9	0.2	2.1
Down syndrome: Observed/Expected ratio by maternal age	1	1.409	0.933	1.104	0.758	0.586	0.804
ACCURACY OF DIAGNOSIS							
% Potential multiple anomalies	10.5	7.4	7.3	10.5	9	7.8	7
% fetal deaths with postmortem carried out	40.4	33.3	25.8	8.3	64.7	100	76.7
% TOPFA (GA >=15 weeks) with postmortem carried out	33.3	illegal	illegal	illegal	40	64.8	47.8
% Chromosomal cases (except T13, T18 & T21) with karyotype text	75.3	97.6	95.2	65	37.6	84.8	65.8
% Potential multiple anomalies with karyotype text	29	41.4	41.9	32.8	37.4	34.2	36.5
Prevalence selected 4-digit Q-BPA codes	18.8	18.4	1.8	18.2	24.3	19.6	11.8
Prevalence selected unspecified Q-codes	9.5	1.7	1.3	10.5	20	4.2	9.8
% LB with ASD, VSD, Hydronephrosis, Hypospadia or club foot with surgery data	45.3	96.4	50.8	75.6	12.3	94	26
COMPLETENESS OF INFORMATION							
No. of core variables 90% complete (out of selected 12*)		12	10	10	11	9	10
No. of non-core variables 80% complete (out of selected 23#)		5	6	13	11	12	6
% TOPFA with civil registration known	87.3	illegal	illegal	illegal	100	99.7	100
% LB with one week survival known	92.5	100	100	100	99.1	99.9	98
% ATC codes with 7 digits and in correct format	82.7	94	40	85.5	84	92.2	84.6
% Genetic syndromes + microdeletions with syndrome text complete	78.3	97.7	100	93.3	100	84.1	92.7
% Malformation 1 text complete	84.7	100	100	99.8	100	100	99.9
Number of unresolved data edits	0.7	0	0	0	0	0	3
TIMELINESS							
Timeliness for February deadline	Total for birth year 2015 (sub. Feb. 2017): 16/34	YES			YES		YES
DENOMINATORS							
No. of year included in DQI		5	2	5	5	4	5
Years with 80% maternal age denominators	4.2	5	2	5	5	4	5
Years with monthly denominators	2.8	5	0	0	5	4	5

<sup>\*</sup> Including surgery

<sup>#</sup> excluded: Surgery (moved to core variables), Aethiology, Folic Acid (recently replaced by Folic\_G14

DQI (birth years 2011-2015)	EUROCAT	Malta	N Netherlands (NL)	Norway	Wielkopolska (Poland)	S Portugal (Portugal)	Basque Country (Spain)
ASCERTAINMENT							
Total no. of cases		671	2642	7771	4154	965	2765
Total congenital anomaly prevalence [95% confidence interval]	260.6 [259 - 262.3]	312.0 [288.9 - 336.5]	325.9 [313.6 - 338.6]	256.0 [250.4 - 261.8]	222.4 [215.7 - 229.3]	111.5 [104.6 - 118.8]	278.0 [267.8 - 288.6]
Anencephaly prevalence	3.9	3.3	5.1	2.9	0.4	1.7	6.2
Severe cardiac defects prevalence	23.6	34.4	28.6	24.2	14.6	11.2	27.4
Selected postnatal diagnosis prevalence	12.9	16.7	12.8	9.7	8.9	4.3	19.7
Genetic syndromes and microdeletions prevalence	6.1	4.6	13	3.2	2.5	1.6	6.3
Prevalence malformed fetal deaths	4.4	10.2	6	3.6	0.2	1.7	1
Down syndrome: Observed/Expected ratio by maternal age	1	1.027	0.875	0.986	0.87	0.541	1.073
ACCURACY OF DIAGNOSIS							
% Potential multiple anomalies	10.5	10.6	10.2	9.5	9	12	13.3
% fetal deaths with postmortem carried out	40.4	77.3	38.8	0	0	86.7	40
% TOPFA (GA >=15 weeks) with postmortem carried out	33.3	illegal	41.9	0	-	96.9	73.2
% Chromosomal cases (except T13, T18 & T21) with karyotype text	75.3	46.7	93.9	0	46.7	95.6	91.3
% Potential multiple anomalies with karyotype text	29	12.7	68.1	0	27.2	44	44.4
Prevalence selected 4-digit Q-BPA codes	18.8	64.2	22.7	1.6	20.5	10.4	28.4
Prevalence selected unspecified Q-codes	9.5	3.7	1.6	16.7	10.7	3.5	1.2
% LB with ASD, VSD, Hydronephrosis, Hypospadia or club foot with surgery data	45.3	97.3	80.5	0	0	7.8	98.3
COMPLETENESS OF INFORMATION							
No. of core variables 90% complete (out of selected 12*)		12	9	9	5	10	12
No. of non-core variables 80% complete (out of selected 23#)		19	8	2	5	14	13
% TOPFA with civil registration known	87.3	illegal	100	0	-	67.6	77.1
% LB with one week survival known	92.5	100	100	100	26	93.8	100
% ATC codes with 7 digits and in correct format	82.7	97.9	93.6	85.2	92.4	0.6	93.2
% Genetic syndromes + microdeletions with syndrome text complete	78.3	90	99	76.3	95.7	42.9	84.1
% Malformation 1 text complete	84.7	100	100	0	98.9	86.5	100
Number of unresolved data edits	0.7	1	2	0	0	0	3
TIMELINESS							
Timeliness for February deadline	Total for birth year 2015 (sub. Feb. 2017): 16/34		YES			YES	
DENOMINATORS	•						
No. of year included in DQI		5	5	5	5	5	5
Years with 80% maternal age denominators	4.2	5	5	5	5	5	5
Years with monthly denominators	2.8	5	0	5	5	0	5

<sup>\*</sup> Including surgery

<sup>#</sup> excluded: Surgery (moved to core variables), Aethiology, Folic Acid (recently replaced by Folic\_G14

DQI (birth years 2011-2015)	EUROCAT	Navarre (Spain)	Valencia Region (Spain)	Vaud (Switzerland)	Ukraine	East Midlands & South Yorkshire (United	Northern England (United Kingdom)
ASCERTAINMENT							
Total no. of cases		641	5510	1457	3956	3039	3768
Total congenital anomaly prevalence [95% confidence interval]	260.6 [259 - 262.3]	350.1 [323.5 - 378.2]	240.3 [234 - 246.7]	351.7 [333.8 - 370.2]	253.5 [245.7 - 261.5]	199.5 [192.5 - 206.7]	229.9 [222.6 - 237.3]
Anencephaly prevalence	3.9	7.1	2	2.2	7.2	4.9	6.9
Severe cardiac defects prevalence	23.6	32.2	19.1	32.8	23.2	26.1	27.4
Selected postnatal diagnosis prevalence	12.9	24	19.2	21.2	10.3	9.4	8.7
Genetic syndromes and microdeletions prevalence	6.1	8.7	4.4	14	3.2	4.1	5.7
Prevalence malformed fetal deaths	4.4	4.9	3	3.6	5.4	6	7.7
Down syndrome: Observed/Expected ratio by maternal age	1	1.162	0.914	1.228	1.064		1.292
ACCURACY OF DIAGNOSIS							
% Potential multiple anomalies	10.5	7.2	13.2	12.8	10.5	10.5	8.6
% fetal deaths with postmortem carried out	40.4	66.7	34.8	33.3	70.2	20.7	54
% TOPFA (GA >=15 weeks) with postmortem carried out	33.3	5.1	0	40.8	69.9	17.3	40.2
% Chromosomal cases (except T13, T18 & T21) with karyotype text	75.3	100	21.7	98.7	94.4	88.3	75.5
% Potential multiple anomalies with karyotype text	29	47.8	16.3	43.9	15.1	10.3	0
Prevalence selected 4-digit Q-BPA codes	18.8	25.7	17.6	48	23.5	10.9	9.2
Prevalence selected unspecified Q-codes	9.5	1.6	13.8	1.4	1	17.2	10.4
% LB with ASD, VSD, Hydronephrosis, Hypospadia or club foot with surgery data	45.3	97.4	44.7	99.1	29.6	0	16.2
COMPLETENESS OF INFORMATION							
No. of core variables 90% complete (out of selected 12*)		12	10	12	11	10	9
No. of non-core variables 80% complete (out of selected 23#)		14	7	13	21	3	3
% TOPFA with civil registration known	87.3	100	100	97.8	99.5	97.8	99.2
% LB with one week survival known	92.5	100	100	100	100	100	100
% ATC codes with 7 digits and in correct format	82.7	96.4	60.9	85.6	72.2	-	97.1
% Genetic syndromes + microdeletions with syndrome text complete	78.3	93.8	93.1	100	96	82.3	9.7
% Malformation 1 text complete	84.7	100	100	100	100	100	88.8
Number of unresolved data edits	0.7	0	0	3	0	0	0
TIMELINESS							
Timeliness for February deadline	Total for birth year 2015 (sub. Feb. 2017): 16/34			YES			YES
DENOMINATORS							
No. of year included in DQI		3	5	5	5	2	5
Years with 80% maternal age denominators	4.2	3	5	5	5	0	5
Years with monthly denominators	2.8	3	5	5	5	0	0

<sup>\*</sup> Including surgery

<sup>#</sup> excluded: Surgery (moved to core variables), Aethiology, Folic Acid (recently replaced by Folic\_G14

DQI (birth years 2011-2015)	EUROCAT	South West England (United Kingdom)	Thames Valley (United Kingdom)	Wales (United Kingdom)	Wessex (United Kingdom)
ASCERTAINMENT					
Total no. of cases		6952	3343	5435	3206
Total congenital anomaly prevalence [95% confidence interval]	260.6 [259 - 262.3]	274.2 [267.8 - 280.7]	220.6 [213.2 - 228.2]	315.5 [307.2 - 324]	208.2 [201 - 215.5]
Anencephaly prevalence	3.9	5	4	4.8	5.4
Severe cardiac defects prevalence	23.6	24.2	23.1	30.1	24.1
Selected postnatal diagnosis prevalence	12.9	11.2	12.5	18.3	9.3
Genetic syndromes and microdeletions prevalence	6.1	9.2	6	6.3	8.2
Prevalence malformed fetal deaths	4.4	7.1	6.5	5.3	6.8
Down syndrome: Observed/Expected ratio by maternal age	1	1.22	1.048	1.211	
ACCURACY OF DIAGNOSIS					
% Potential multiple anomalies	10.5	11	10.5	12.4	8.7
% fetal deaths with postmortem carried out	40.4	60.2	17.2	51.6	48.6
% TOPFA (GA >=15 weeks) with postmortem carried out	33.3	31.3	20	32.4	35.5
% Chromosomal cases (except T13, T18 & T21) with karyotype text	75.3	85.8	76.6	99.4	90.9
% Potential multiple anomalies with karyotype text	29	19	5.7	25.7	47
Prevalence selected 4-digit Q-BPA codes	18.8	14.4	12.3	20.6	10.5
Prevalence selected unspecified Q-codes	9.5	18.2	8.1	9.5	6.5
% LB with ASD, VSD, Hydronephrosis, Hypospadia or club foot with surgery data	45.3	11.6	39.4	70.5	60.3
COMPLETENESS OF INFORMATION					
No. of core variables 90% complete (out of selected 12*)		7	9	11	9
No. of non-core variables 80% complete (out of selected 23#)		1	0	7	5
% TOPFA with civil registration known	87.3	99.2	100	99.9	99.5
% LB with one week survival known	92.5	70.8	90.6	99.9	100
% ATC codes with 7 digits and in correct format	82.7	85.1	61.1	85	100
% Genetic syndromes + microdeletions with syndrome text complete	78.3	50	61.5	94.4	47.6
% Malformation 1 text complete	84.7	84	97.5	100	99.8
Number of unresolved data edits	0.7	0	0	0	2
TIMELINESS					
Timeliness for February deadline	Total for birth year 2015 (sub. Feb. 2017): 16/34	YES	YES	YES	YES
DENOMINATORS	ĺ				
No. of year included in DQI		5	5	5	5
Years with 80% maternal age denominators	4.2	5	5	5	4
Years with monthly denominators	2.8	0	0	3	0

<sup>\*</sup> Including surgery

<sup>#</sup> excluded: Surgery (moved to core variables), Aethiology, Folic Acid (recently replaced by Folic\_G14