

Data quality Indicators 2003-2007, 29 registries. All calculations (except Down syndrome maternal age which incorporates more recent information) from central database as of June 2010

	EUROCAT average	Austria (Styria)	Belgium (Antwerp)	Belgium (Hainaut)	Croatia (Zagreb)	Denmark (Odense)	France (Ile de la Reunion)	France (Paris)	France (Strasbourg)	Germany (Mainz)	Germany (Saxony Anhalt)	Ireland (Cork & Kerry)	Ireland (Dublin)	Ireland (South East)	Italy (Emilia Romagna)	Italy (Tuscany)	Malta	Netherlands (Northern)	Norway	Poland (Wielkopolska)	Portugal (South)	Spain (Barcelona)	Spain (Basque Country)	Switzerland (Vaud)	Ukraine	UK (E Mid & S York)	UK (Northern England)	UK (Thames Valley)	UK (Wales)	UK (Wessex)	
ASCERTAINMENT																															
Total no. of cases		1828	2228	1503	572	744	1849	4155	820	772	2808	673	2374	528	3438	3003	560	2292	9277	4437	1042	1291	2095	1308	1868	7070	3825	1795	6216	2829	
Total congenital anomaly prevalence	250.1	352.1	233.8	242.6	182.5	279.9	252.6	312.4	324.4	486.9	326.2	261.8	198.2	154.4	188.8	204.1	287.5	245.0	398.6	249.7	103.4	175.9	210.3	361.3	223.9	207.5	240.8	180.8	376.8	206.2	
Spina bifida / Anencephaly ratio	1.31	4.25	2.00	2.92	0.80	1.00	1.49	1.19	0.62	1.83	2.29	1.62	1.41	1.36	1.49	1.76	7.00	2.88	1.16	3.81	1.78	0.68	0.72	1.07	0.99	1.03	1.25	1.07	1.26	0.79	
Neural Tube Defects prevalence	10.4	10.0	9.2	8.7	4.2	10.5	16.4	13.5	15.4	13.9	9.4	14.0	6.5	7.6	6.3	5.3	9.8	7.6	10.4	9.7	2.8	9.7	10.8	11.6	17.9	11.5	14.3	10.4	14.1	12.4	
Selected cardiac prevalence	13.5	21.4	14.0	11.1	9.9	11.7	13.5	12.9	15.8	22.7	14.1	15.2	18.0	11.4	13.0	10.5	16.9	16.5	11.8	7.9	3.4	17.4	13.6	13.0	12.6	11.6	19.9	12.5	17.9	16.6	
Selected postnatal diagnosis prev	18.2	37.9	27.2	13.9	9.6	18.4	20.1	26.0	28.9	32.8	27.0	19.5	21.4	11.4	18.2	14.5	17.5	18.6	11.4	12.1	4.9	20.7	25.5	35.1	14.9	12.1	19.4	14.7	30.4	15.7	
Non-chromosomal syndrome prev	8.1	13.1	10.7	7.7	2.9	11.3	16.7	8.2	10.3	14.5	6.9	10.1	10.9	7.3	6.8	3.8	9.8	11.3	6.7	2.0	1.0	6.5	5.2	16.8	8.7	4.4	14.0	9.1	14.8	10.7	
Prev malformed SB 20-27 weeks	2.05	2.70	2.10	2.26	1.28	1.50	2.46	1.13	1.19	6.94	2.90	2.33	2.17	0.58	0.00	1.22	0.00	1.60	1.46	1.01	0.89	0.54	0.30	0.83	3.60	3.38	2.96	2.52	4.42	3.13	
Prev malformed SB >= 28 weeks	3.06	1.35	3.04	1.78	0.64	4.14	3.41	2.86	0.79	6.31	2.44	9.73	10.35	2.92	0.82	1.16	3.59	3.96	2.71	1.24	0.69	2.18	1.30	1.66	6.11	3.20	3.34	3.93	3.45	5.03	
% missing SB gestational age	1	0	4	4	14	0	0	0	0	0	0	0	0	0	12	8	0	0	0	2	0	9	0	0	1	0	0	0	1	0	
ACCURACY OF DIAGNOSIS																															
% MM among non-syndromes/non-chromosomal	11.9	23.0	18.1	14.2	9.9	9.4	12.5	12.6	13.2	5.8	16.0	11.4	12.2	14.8	14.0	9.1	9.6	12.6	5.7	9.4	11.1	29.6	16.1	16.3	12.1	10.1	9.7	13.0	12.9	13.8	
% SB with postmortem carried out	39	52	31	65	29	67	19	-	80	38	72	29	57	25	53	55	86	54	-	20	94	32	63	67	55	2	60	41	54	64	
% SB with postmortem (results known)	33	43	22	65	29	67	16	-	80	38	54	26	57	25	53	45	86	52	-	17	88	32	63	67	54	2	60	39	50	0	
% TOP with postmortem carried out	32	62	25	54	50	34	10	-	76	63	84	illegal	illegal	illegal	46	39	illegal	40	-	illegal	74	9	69	58	38	4	55	28	41	39	
% TOP with postmortem (results known)	27	61	20	54	35	34	9	-	76	63	76	illegal	illegal	illegal	43	28	illegal	40	-	illegal	64	9	68	58	38	3	55	23	38	0	
% Chromosomals with karyotype carried out	55	96	97	96	83	100	97	-	100	62	97	95	95	74	99	89	89	99	-	82	94	3	98	100	66	19	-	2	96	49	
% Chromosomals with karyotype (results known)	53	95	40	96	66	98	97	-	100	60	97	83	94	72	99	87	87	99	-	79	92	3	98	100	64	18	-	0	92	49	
% Chromosomals with karyotype text #	55	95	41	82	64	98	97	-	98	40	97	85	94	74	0	81	85	99	-	78	89	99	98	100	66	18	89	1	99	48	
% Non-chromosomal MM with known karyotype	24	17	36	60	12	48	46	-	76	8	24	30	39	31	0	27	32	65	-	20	34	67	53	52	8	3	6	1	29	0	
% Down syndrome with Congenital heart defects or duodenal atresia (Livebirths)	46	75	55	32	60	39	41	35	47	58	53	56	52	57	38	42	69	48	53	43	33	50	52	67	63	26	49	30	60	31	
Prev selected ICD10 Q-chapter/BPA extension codes	12.5	32.0	13.6	0.0	10.9	26.3	27.5	0.0	24.9	10.1	38.1	19.1	7.1	4.4	14.2	8.2	43.6	13.7	0.6	0.2	2.2	16.1	20.3	46.7	15.9	9.3	16.1	5.2	25.2	14.9	
Prev selected unspecified ICD10 Q-chapter codes	9.2	4.0	16.3	0.0	2.6	1.5	2.1	0.0	1.2	4.4	8.4	5.8	10.4	6.4	6.9	8.4	2.1	2.2	23.0	10.4	3.5	3.7	1.7	5.5	2.4	20.1	7.3	8.9	11.8	3.5	
COMPLETENESS OF INFORMATION																															
No. core variables 90% complete (total=7)																															
No. non-core variables 80% complete (total=39)																															
% syndrome text complete	66	100	100	100	100	100	100	0	100	27	100	100	100	100	61	81	0	100	100	83	100	83	100	100	100	100	100	100	100	100	100
% malformation1 text complete	67	100	100	100	100	100	100	0	100	12	100	100	100	100	63	78	100	100	0	0	25	100	100	100	100	100	100	98	99	100	100
No other text information available							X												X												
TIMELINESS (Full members)																															
2008 data transmission by February 2010	21	Yes	Yes	Yes	Yes	Yes	Yes	Yes			Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes			Yes				Yes	Yes	Yes	Yes	Yes	Yes	Yes
DENOMINATOR INFORMATION																															
80% of Maternal age denoms by 5yr groups 03-07		Yes	Yes		Yes	Yes		Yes		Yes	Yes	Yes*	Yes	Yes	Yes	Yes	Yes	Yes	Yes*	Yes	Yes	Yes	Yes	Yes	Yes*	Yes	Yes	Yes	Yes	Yes	Yes
Availability monthly denoms 2003-2007		Yes	Yes		Yes		Yes		Yes		Yes	Yes*	Yes	Yes	Yes	Yes	Yes	Yes	Yes*	Yes	Yes	Yes	Yes	Yes	Yes*	Yes	Yes	Yes	Yes	Yes	Yes

some registries code "not known" for karyotype testing, yet have specified the karyotype text information in the sp_karyo variable field

"-" indicates no data available

X indicates no text information available for the remaining "specify text" variables

Prev = Prevalence per 10,000 births

SB= Stillbirths

TOP= Termination of pregnancy for fetal anomaly

MM = Multiple malformations

* based on the partial data available 03-07