

STS Congenital Heart Surgery Data Summary 1998-2002 Procedures Infants (29 days - 1 year)

Number of operations submitted, discharge mortality, and complexity information, by year

Year	Operations Submitted	Operations in Analysis*	Discharge Mortality # / Eligible	%	Mean Basic Complexity Score	Mean Basic Complexity Level
1998	973	813	27 / 618	4.4%	7.2	2.4
1999	980	857	22 / 626	3.5%	7.1	2.4
2000	1,115	985	24 / 803	3.0%	7.1	2.3
2001	1,597	1,441	33 / 1,189	2.8%	7.0	2.3
2002	1,509	1,333	36 / 1,114	3.2%	6.8	2.2
Total	6,174	5,429	142 / 4,350	3.3%	7.0	2.3

* Includes only operations classified as "CPB" or "No CPB, Cardiovascular". Mortality numbers in this report are based only operations in the analysis population.

Number of patients/operations submitted, discharge mortality, and complexity information, by age group

Age Group	# of patients	# of operations	Discharge Mortality # / Eligible	% of operations	Mean Basic Complexity Score	Mean Basic Complexity Level
Infants (29 days - 1 year)	4,870	5,429	142 / 4,350	3.3%	7.0	2.3

Primary diagnosis (N = 5,429), 25 Most Frequent

Diagnosis	Incidence	
	#	% of all
TOF	644	11.9
VSD, Single	626	11.5
[Missing diagnosis]	487	9.0
Patent ductus arteriosus	448	8.3
AVC (AVSD), Complete CAVSD	432	8.0
Miscellaneous, Other	265	4.9
Hypoplastic left heart syndrome (HLHS)	243	4.5
Coarctation of aorta	214	3.9
VSD, NOS	123	2.3
ASD, Secundum	98	1.8
Single ventricle, Tricuspid atresia	94	1.7
Pulmonary atresia, VSD (Including TOF, PA)	93	1.7
Cardiac, Other	76	1.4
AVC (AVSD), Partial (Incomplete) (PAVSD) (ASD, Primum)	73	1.3
Vascular ring	68	1.3
AVC (AVSD), Intermediate (Transitional)	56	1.0
Single ventricle, DILV	56	1.0
Pulmonary stenosis, NOS	47	0.9
Pulmonary atresia, VSD-MAPCA (Pseudotruncus)	43	0.8
Total anomalous pulmonary venous connection (TAPVC), Type 1 (Supracardiac)	41	0.8
Single ventricle, NOS	41	0.8
Cardiomyopathy	37	0.7
Mitral regurgitation	37	0.7
DORV, NOS	36	0.7
DORV, TOF type	32	0.6

Primary procedure (N = 5,429), 25 Most Frequent

Procedure	Incidence		Discharge Mortality		Basic Complexity Score	Basic Complexity Level
	#	% of all	# / Eligible	%		
VSD repair, Patch	606	11.2	3 / 481	0.6%	6.0	2
[Missing procedure]	506	9.3	23 / 484	4.8%		
Other procedure	481	8.9	9 / 352	2.6%		
Bidirectional cavopulmonary anastomosis (BDCPA) (Bidirectional Glenn)	380	7.0	9 / 317	2.8%	6.8	2
AVC (AVSD) repair, Complete (CAVSD)	320	5.9	6 / 257	2.3%	9.0	3
PDA closure, Surgical	255	4.7	6 / 224	2.7%	3.0	1
TOF repair, Ventriculotomy, Transannular patch	221	4.1	4 / 137	2.9%	8.0	3
TOF repair, NOS	206	3.8	0 / 181	0.0%		
Hemifontan	140	2.6	4 / 79	5.1%	8.0	3
VSD repair, NOS	98	1.8	0 / 84	0.0%		
Shunt, Systemic to pulmonary, Modified Blalock-Taussig shunt (MBTS)	95	1.7	6 / 80	7.5%	6.3	2
Transplant, Heart	78	1.4	3 / 61	4.9%	9.3	3
TOF repair, Ventriculotomy, Nontransannular patch	71	1.3	0 / 56	0.0%	7.5	2
PA banding (PAB)	71	1.3	3 / 62	4.8%	6.0	2
Vascular ring repair	70	1.3	0 / 61	0.0%	6.0	2
TAPVC repair	69	1.3	2 / 58	3.4%	9.0	3
Bilateral bidirectional cavopulmonary anastomosis (BBDCPA) (Bilateral bidirectional Glenn)	66	1.2	1 / 46	2.2%	7.5	2
TOF repair, No ventriculotomy	60	1.1	0 / 46	0.0%	8.0	3
Coarctation repair, End to end, Extended	60	1.1	1 / 54	1.9%	8.0	3
Mediastinal exploration	59	1.1	0 / 37	0.0%	1.5	1
Coarctation repair, End to end	55	1.0	0 / 49	0.0%	6.0	2
RVOT procedure	55	1.0	2 / 38	5.3%	6.5	2
AVC (AVSD) repair, Intermediate (Transitional)	51	0.9	0 / 34	0.0%	6.5	2
Valvuloplasty, Mitral	47	0.9	0 / 41	0.0%	8.0	3
AVC (AVSD) repair, Partial (Incomplete) (PAVSD)	47	0.9	1 / 34	2.9%	6.0	2