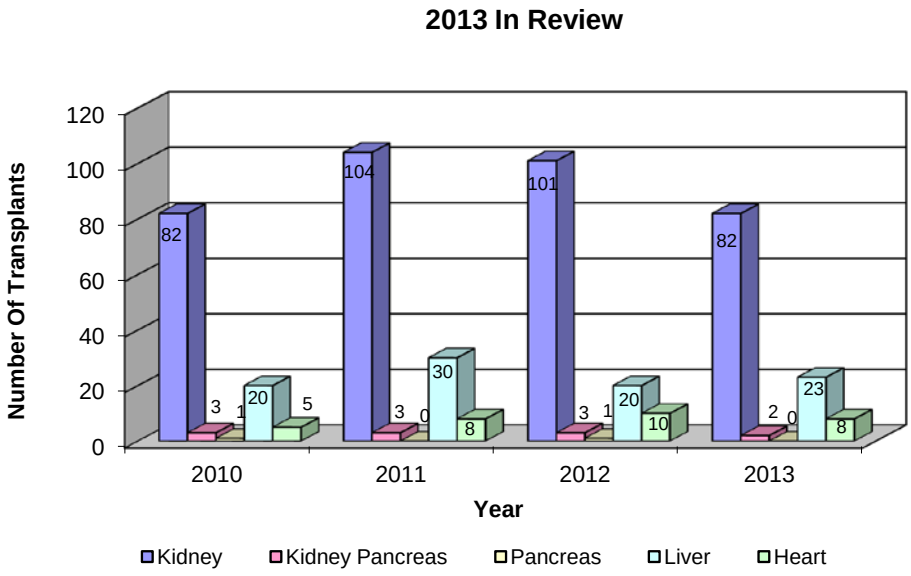
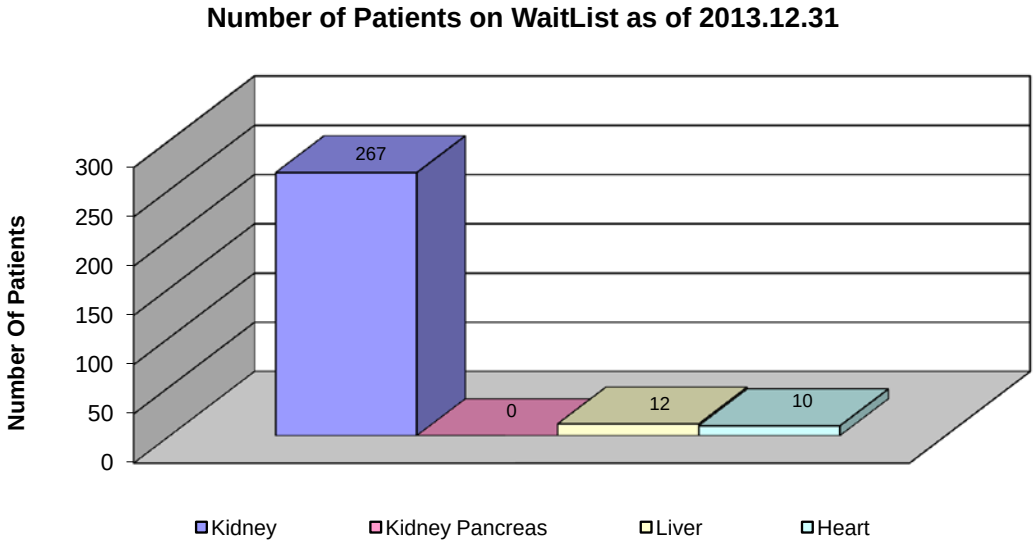
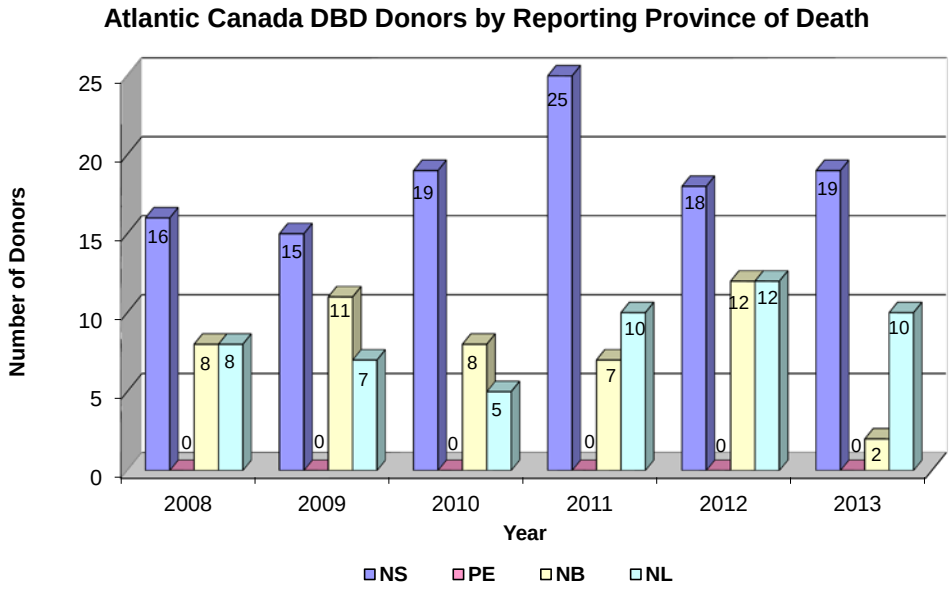
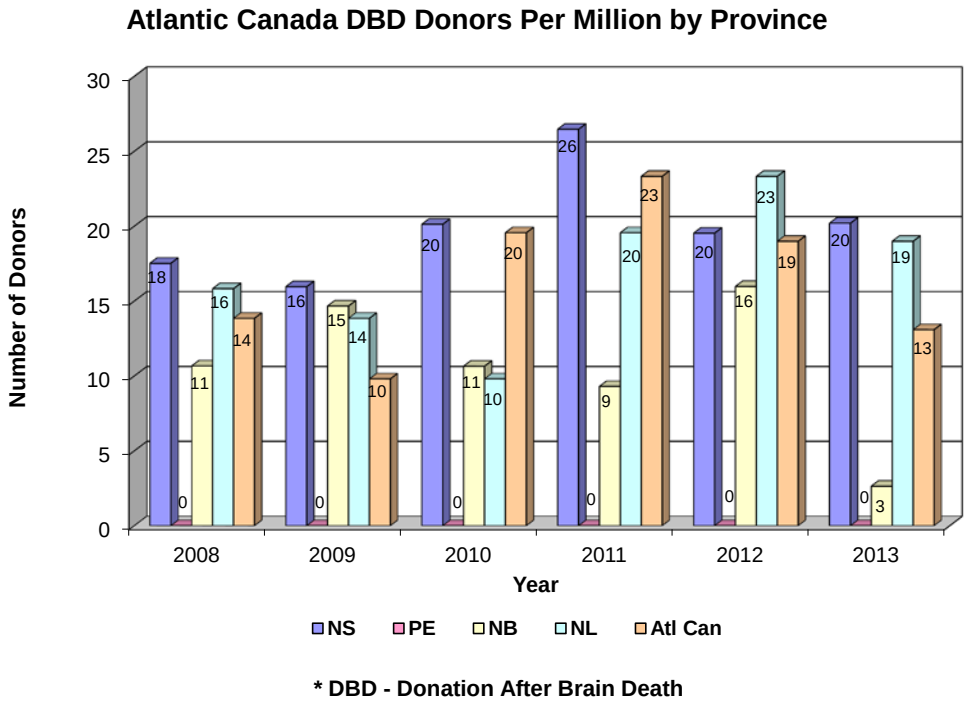
2013 Year In Review





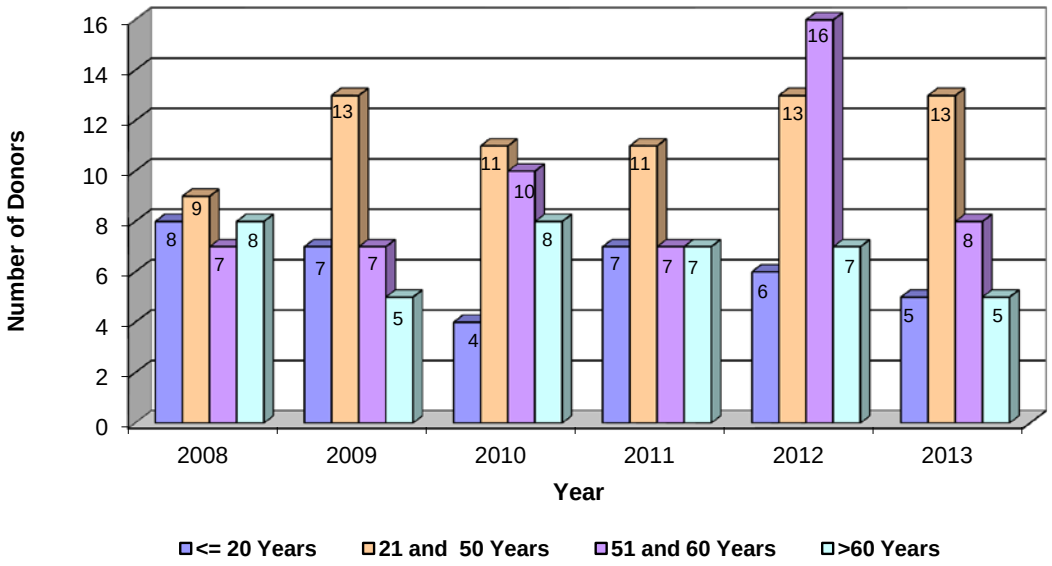
Organ Donor Statistics



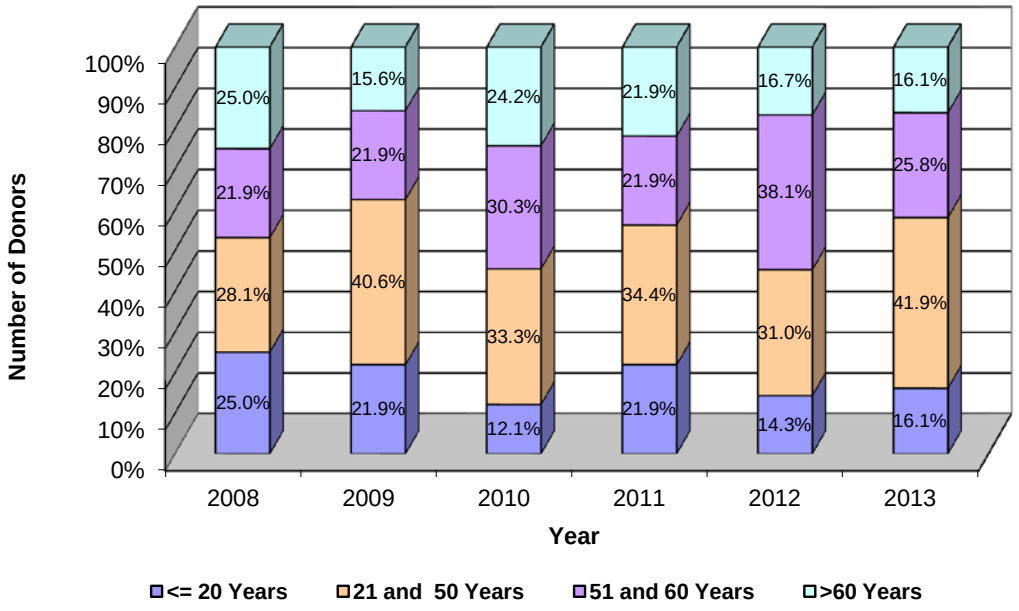


*** DBD - Donation After Brain Death**

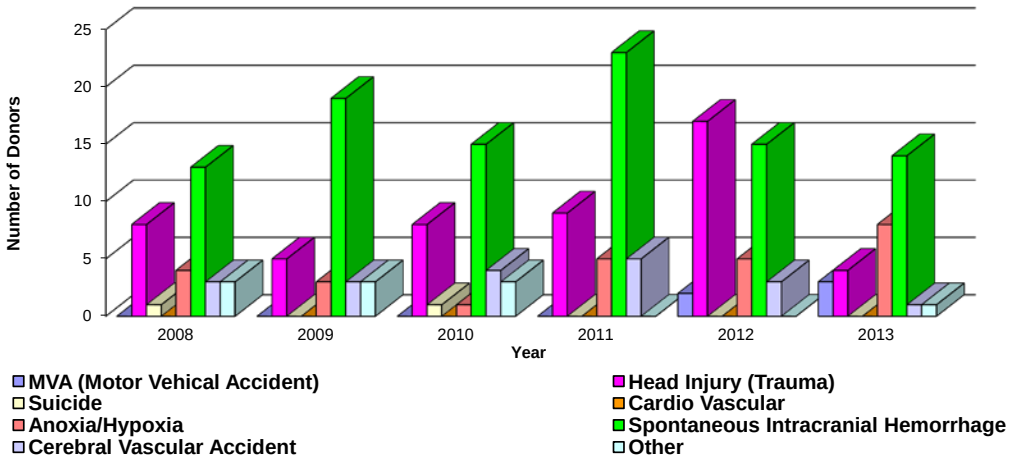
DBD Donors by Age



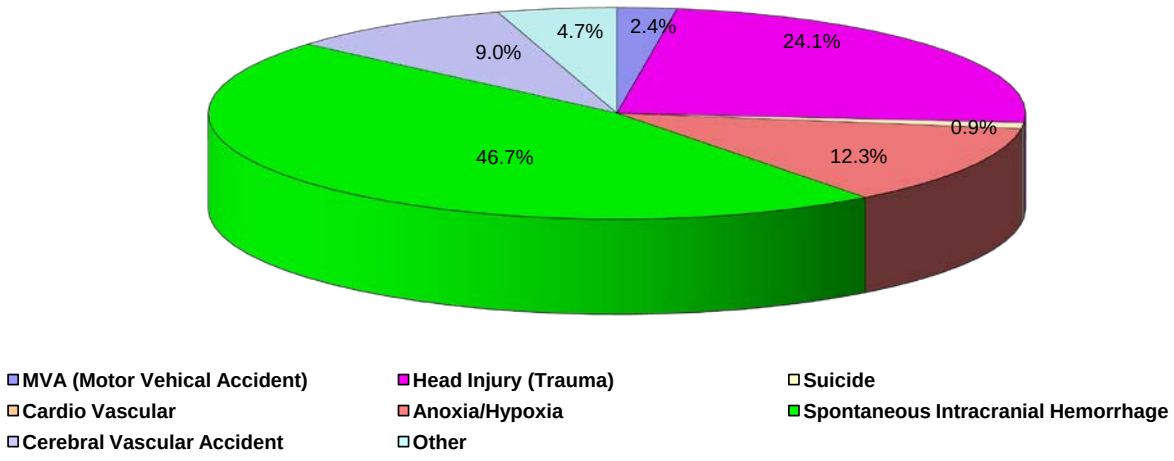
DBD Donors by Age (in percentage)

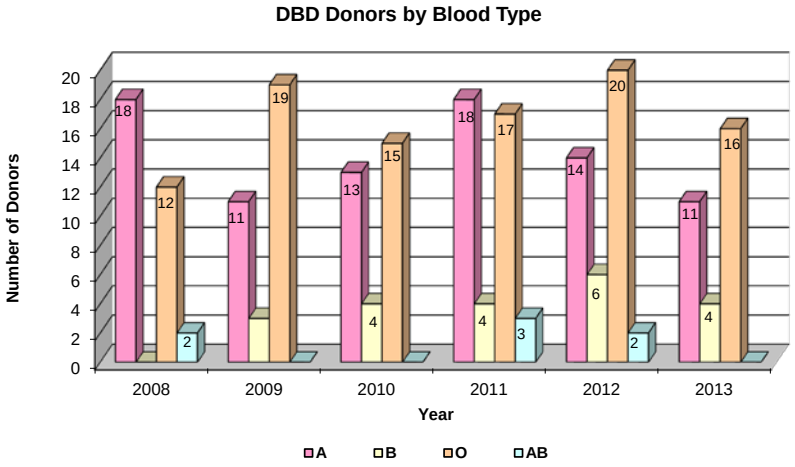


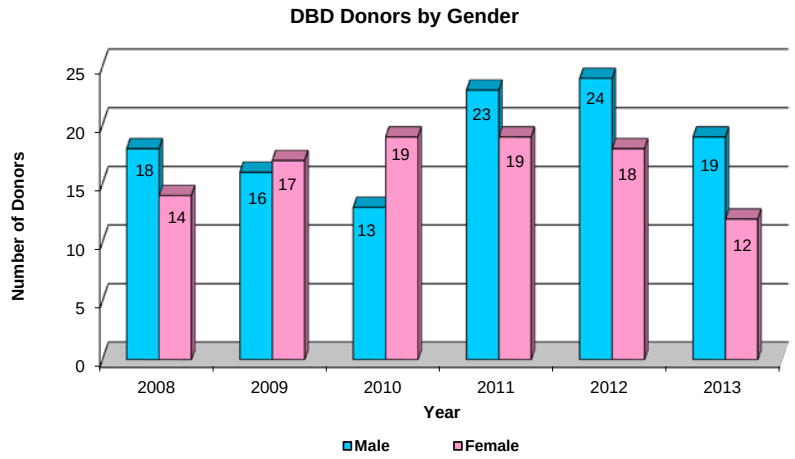
DBD Donors by Cause of Death



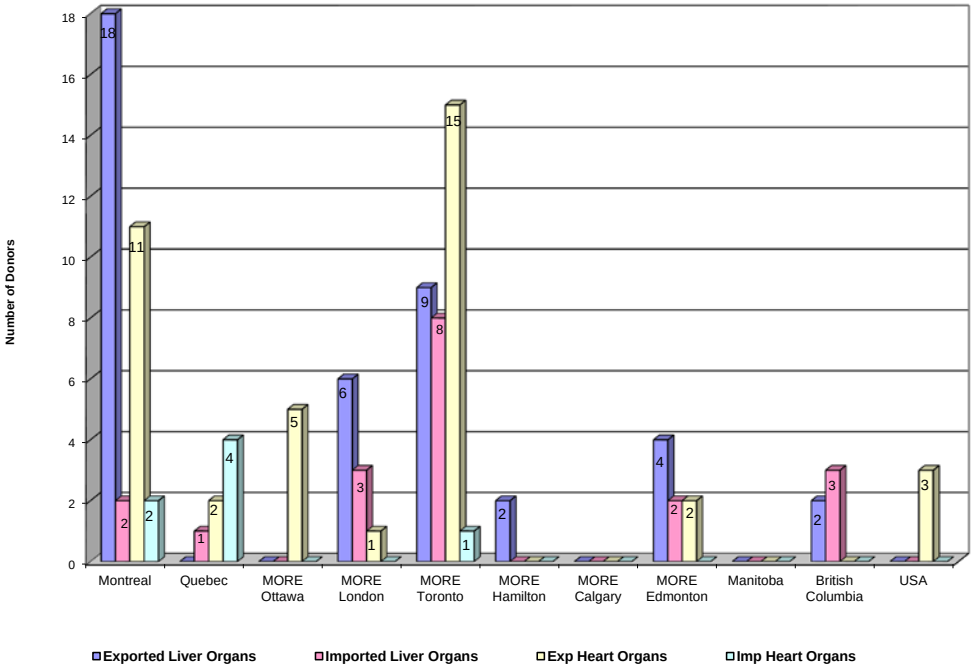
DBD Donors by Cause Of Death (2008-2013)



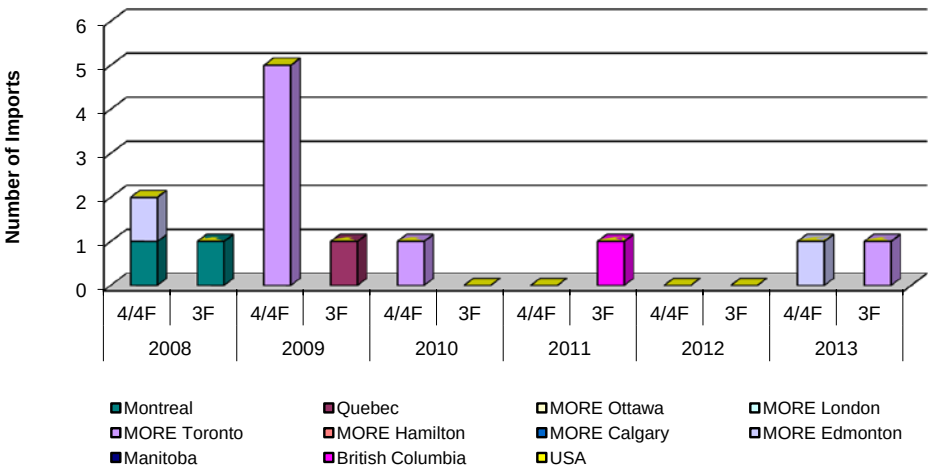

DBD Donors by Blood Type
Number of Donors
0
2
4
6
8
10
12
14
16
18
20
18
12
2
11
19
3
13
15
4
18
17
4
3
14
20
6
2
11
16
4
2008
2009
2010
2011
2012
2013
Year
A
B
O
AB


DBD Donors by Gender
Number of Donors
0
5
10
15
20
25
18
14
16
17
13
19
23
19
24
18
19
12
2008
2009
2010
2011
2012
2013
Year
Male
Female

DBD Donors Organs Exported / Imported (2008-2013)

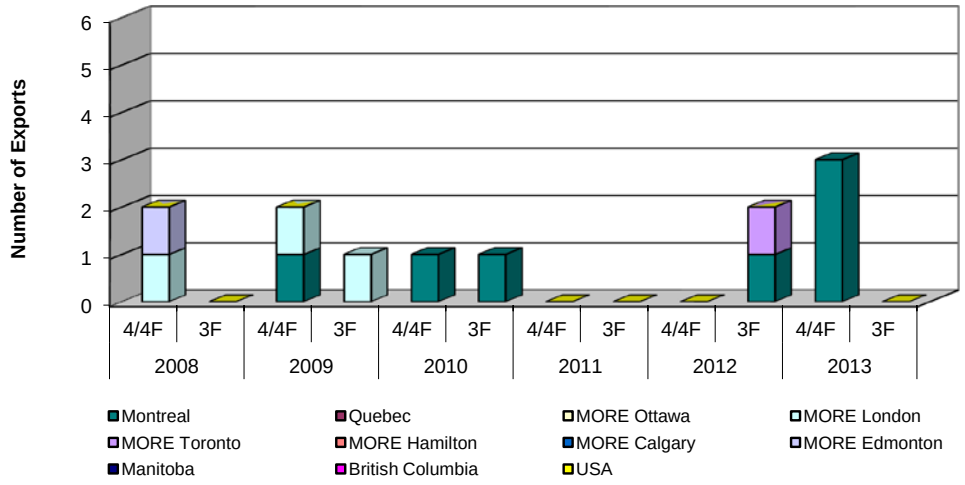


Liver Allocation (Import for High Status)



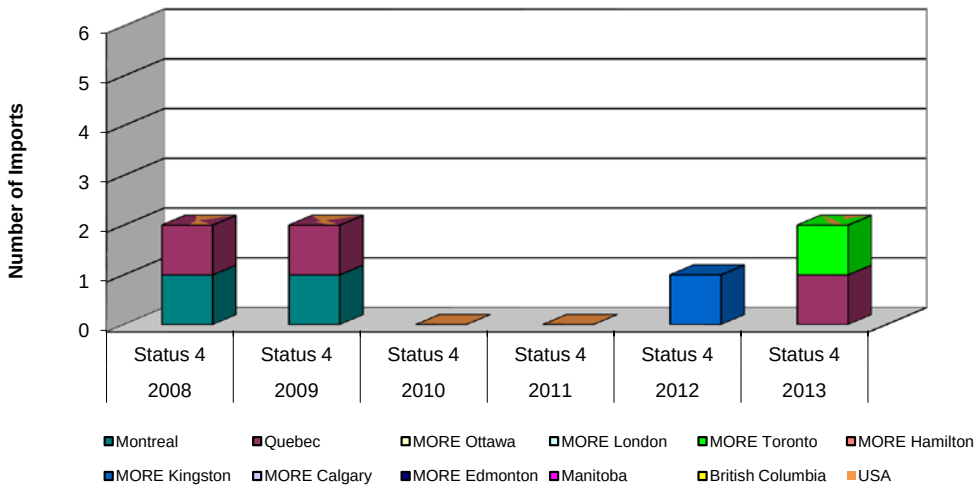
*** See Appendix A for Medical Status Description**

Liver Allocation (Export for High Status)



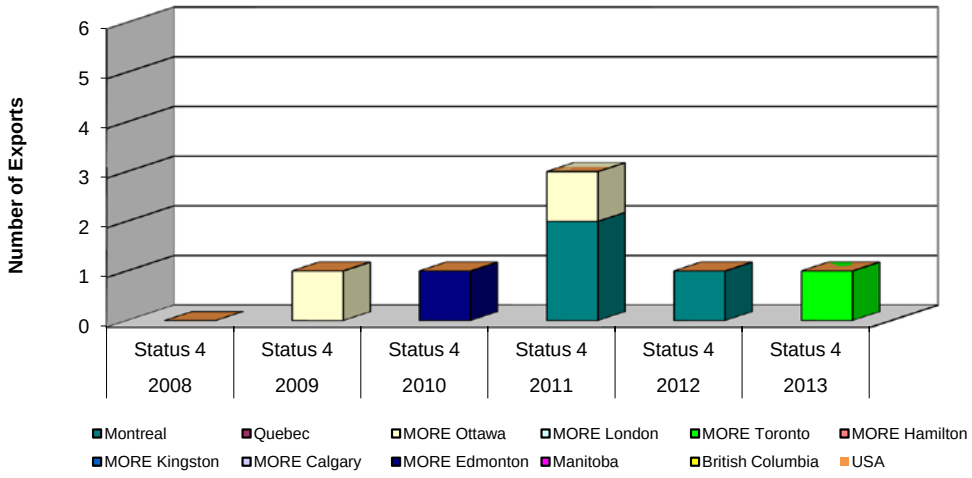
*** See Appendix A for Medical Status Description**

Heart Allocation (Import for High Status)



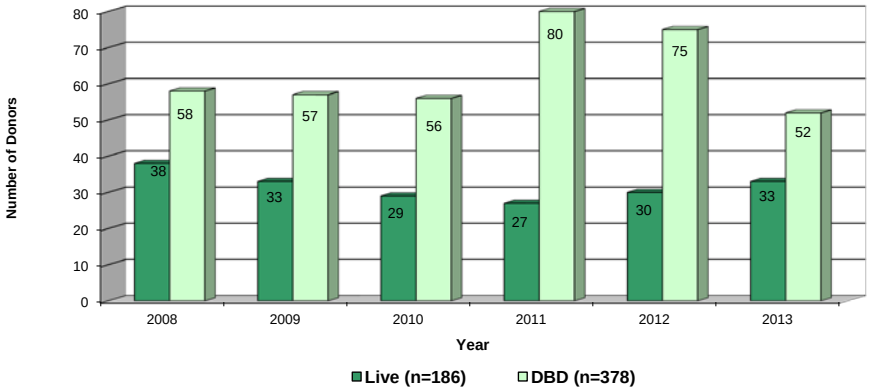
*** See Appendix A for Medical Status Description**

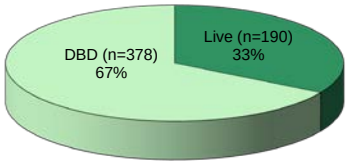
Heart Allocation (Export for High Status)



*** See Appendix A for Medical Status Description**

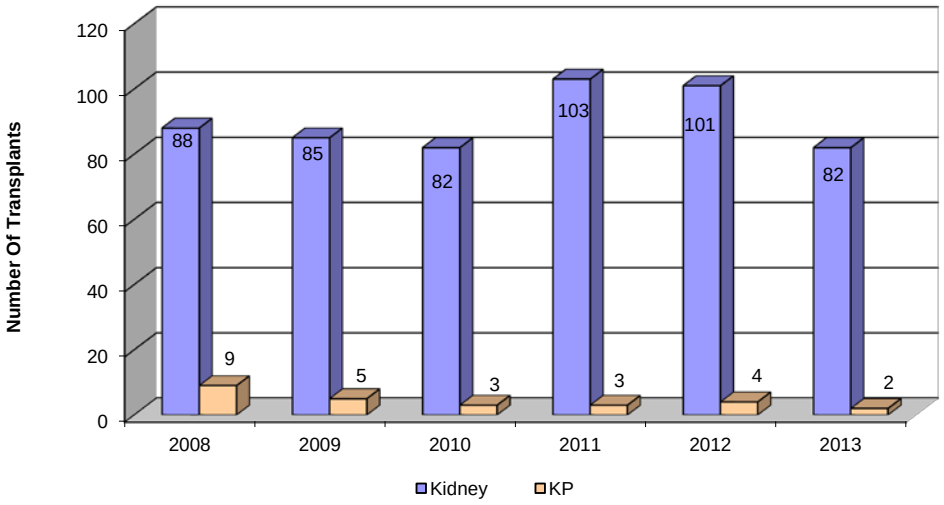
Renal Transplants
Live vs DBD (n=568)



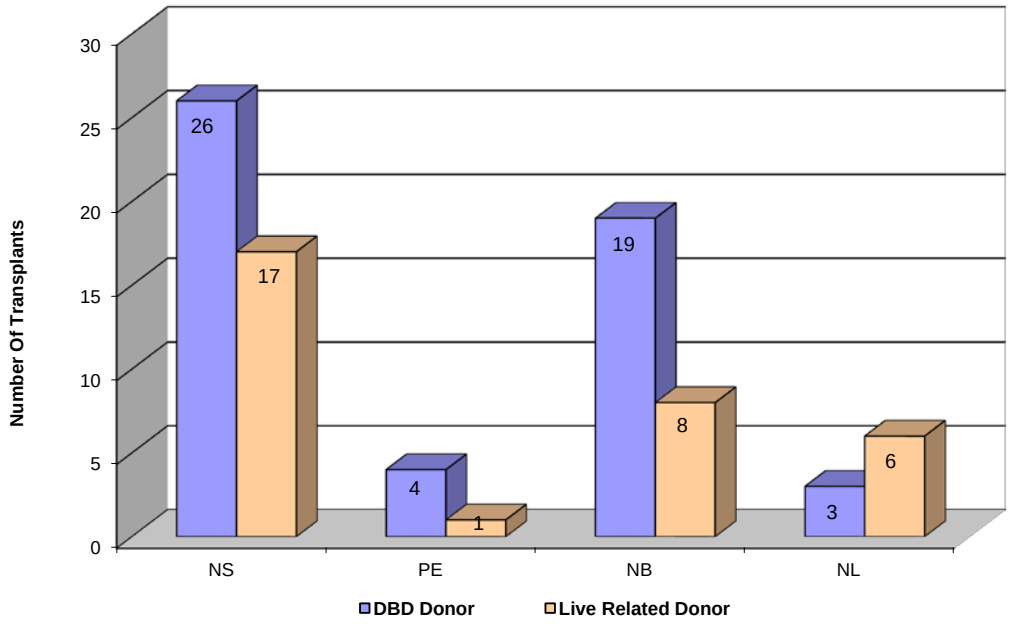


Kidney / Kidney Pancreas Transplant Services

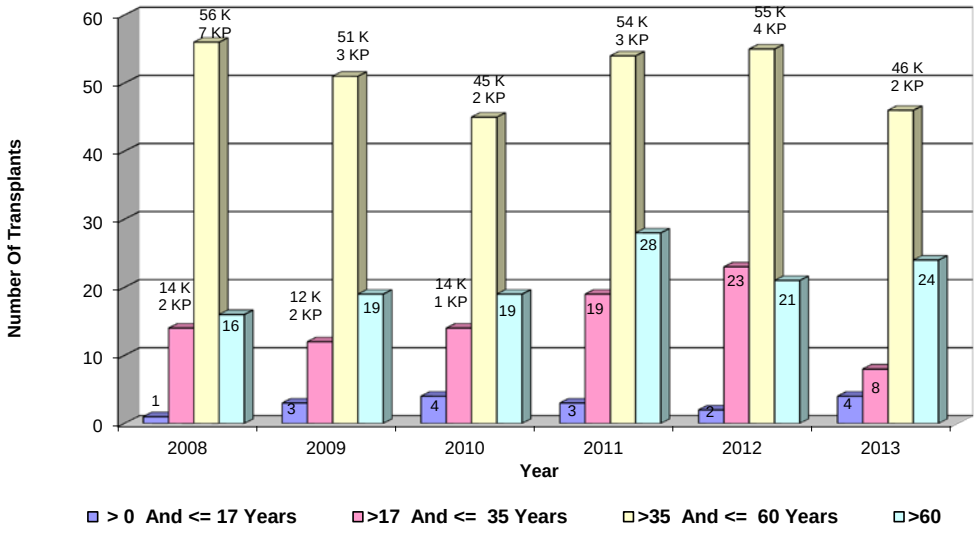
Kidney / Kidney Pancreas Transplants
Performed for Atlantic Canada Recipients



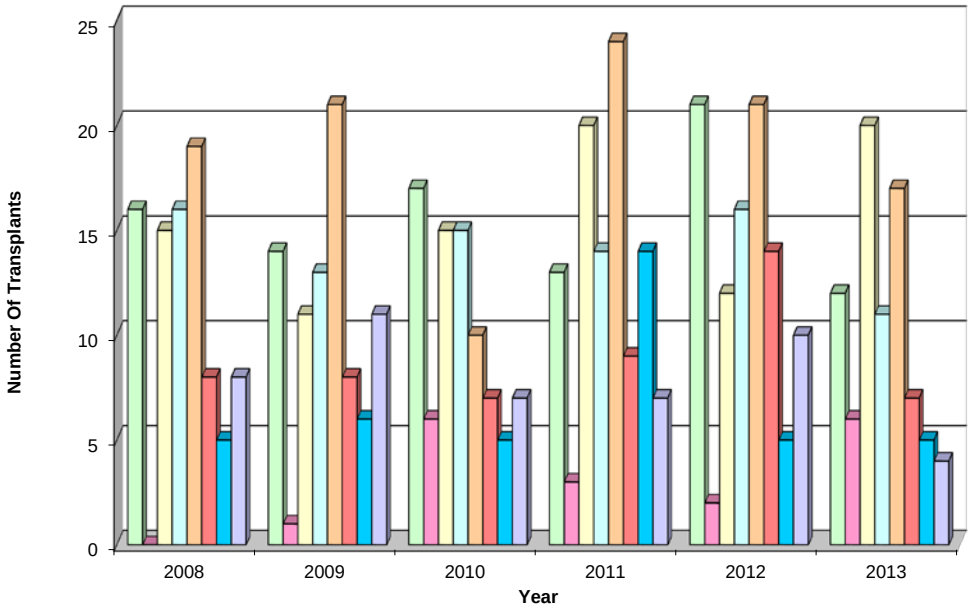
2013 Atlantic Canada
Kidney / Kidney PancreasTransplant Recipients by Province

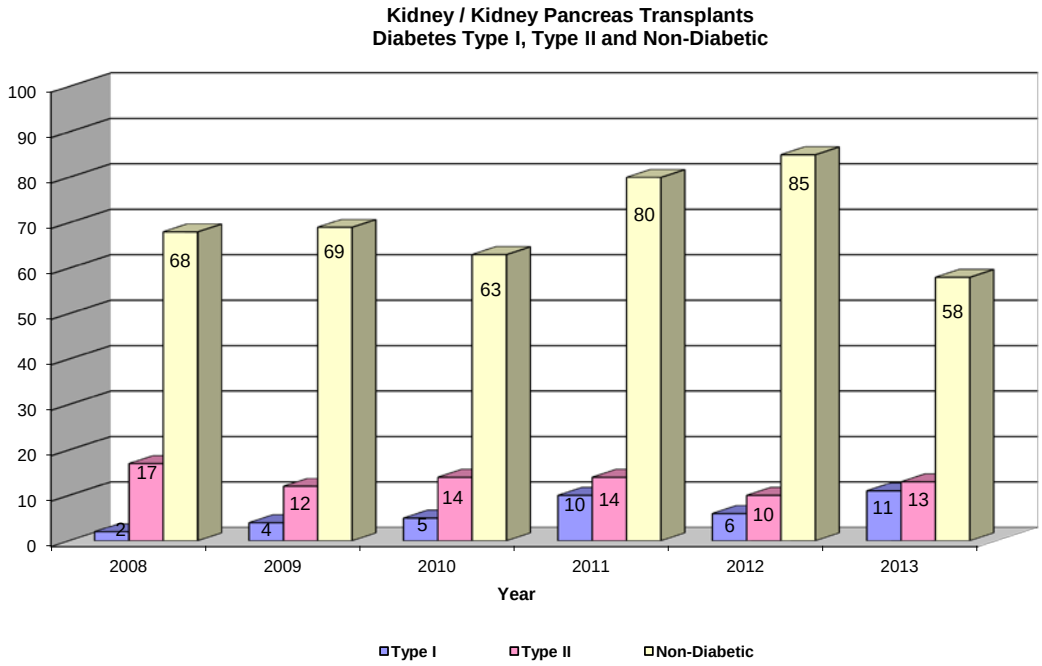


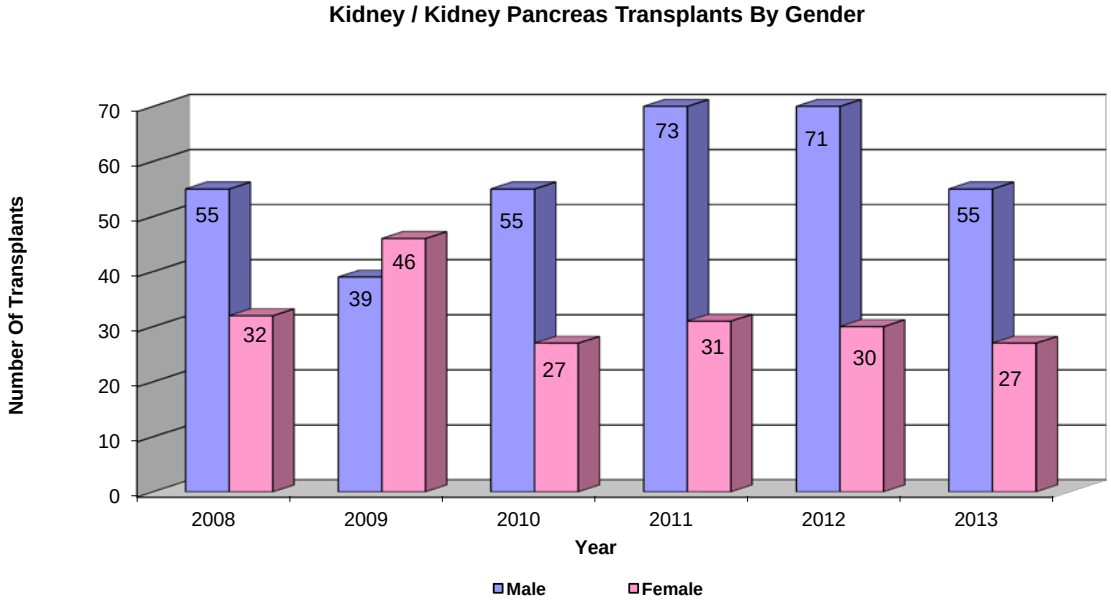
Kidney / Kidney Pancreas Transplants By Age At Transplant



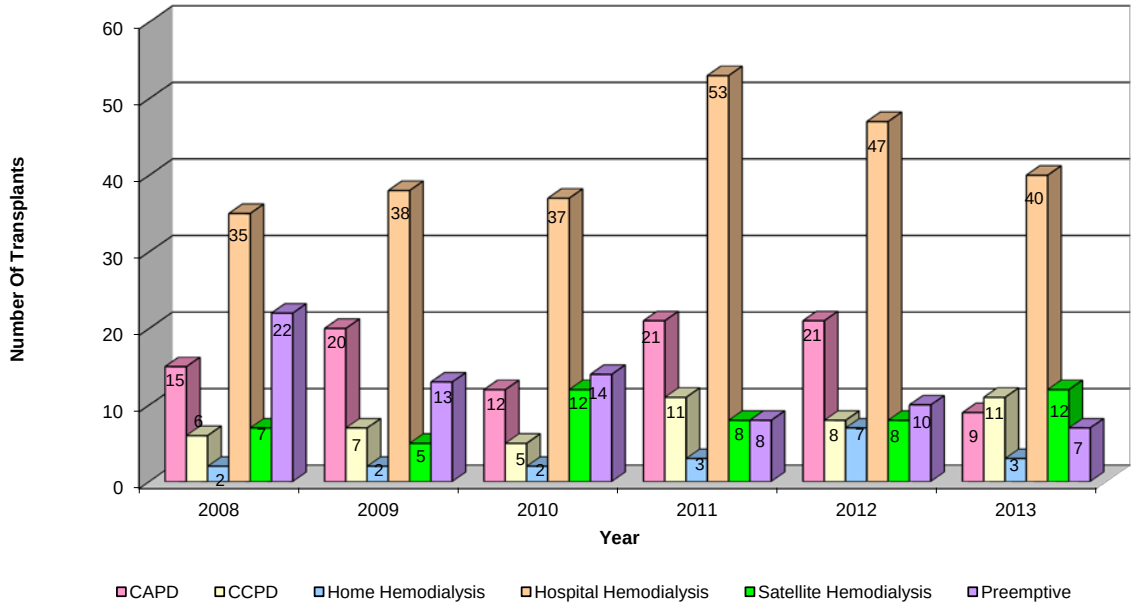
Kidney / Kidney Pancreas Transplants by Primary Diagnosis Groups




Kidney / Kidney Pancreas Transplants
Diabetes Type I, Type II and Non-Diabetic
100
90
80
70
60
50
40
30
20
10
0
2
17
68
4
12
69
5
14
63
10
14
80
6
10
85
11
13
58
2008
2009
2010
2011
2012
2013
Year
Type I
Type II
Non-Diabetic

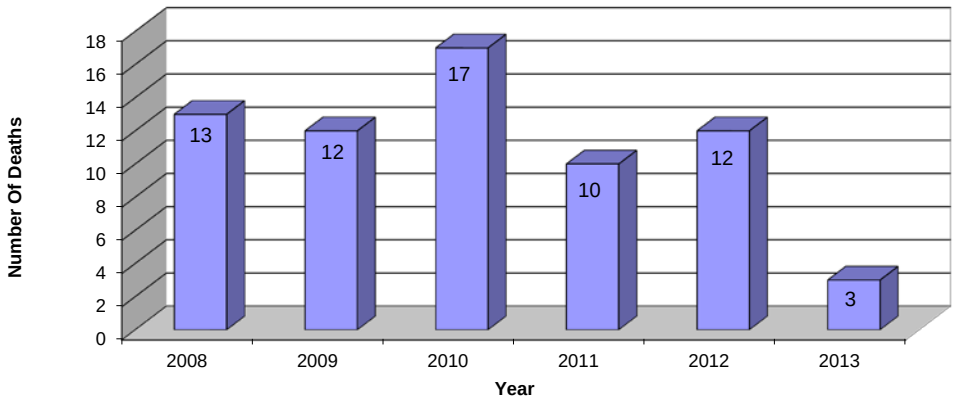

Kidney / Kidney Pancreas Transplants By Gender
Number Of Transplants
70
60
50
40
30
20
10
0
55
32
39
46
55
27
73
31
71
30
55
27
2008
2009
2010
2011
2012
2013
Year
Male
Female

Kidney / Kidney Pancreas Transplants by Dialysis Types

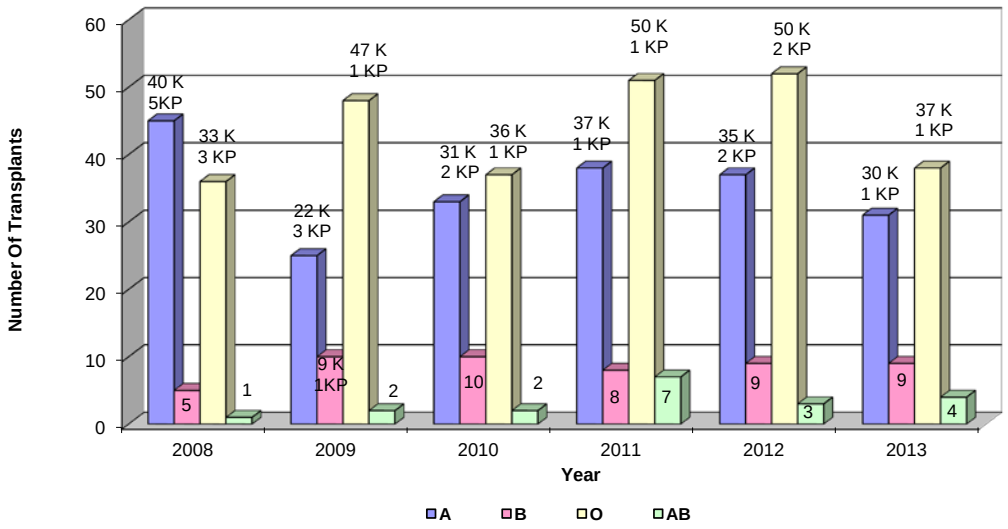


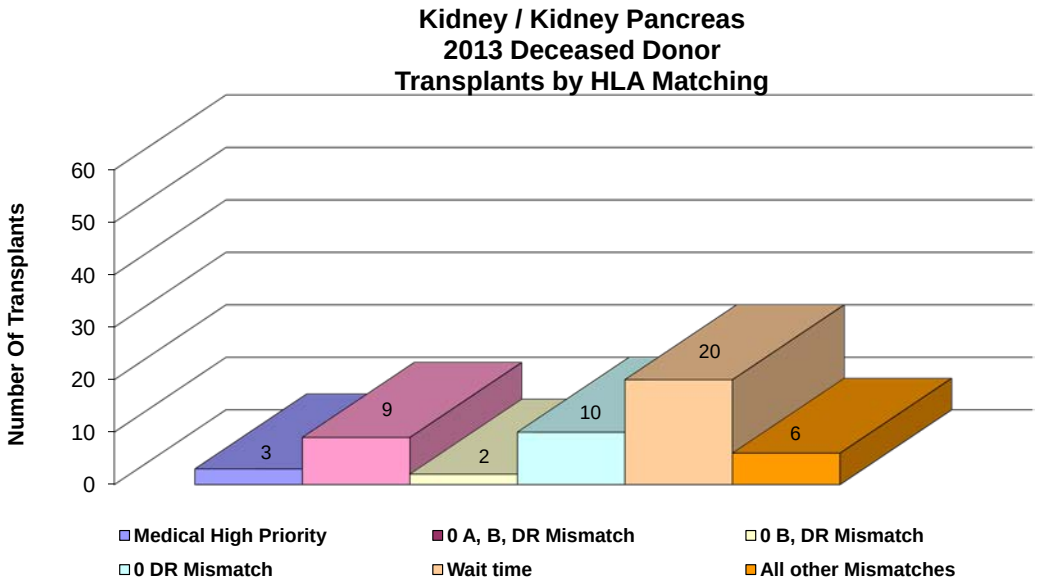
* CAPD - Continuous Ambulatory Peritoneal Dialysis
* CCPD - Chronic Cyclic Peritoneal Dialysis

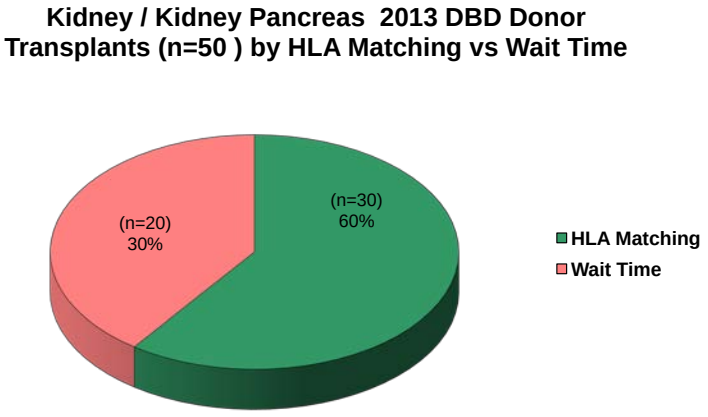
Kidney Wait List Deaths (Including Workups) in Atlantic Canada



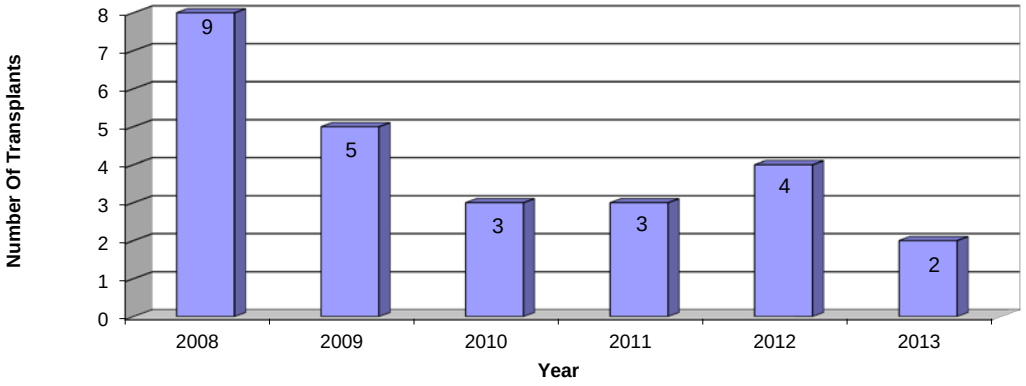
Kidney / Kidney Pancreas Transplants By Blood Type



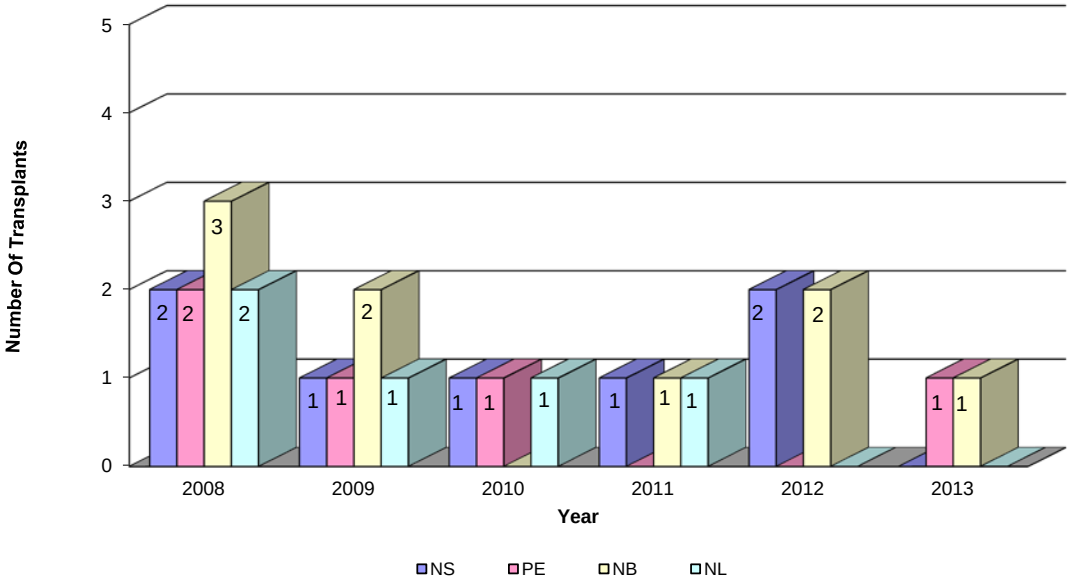

Kidney / Kidney Pancreas
2013 Deceased Donor
Transplants by HLA Matching
Number Of Transplants
60
50
40
30
20
10
0
3
9
2
10
20
6
Medical High Priority
0 A, B, DR Mismatch
0 B, DR Mismatch
0 DR Mismatch
Wait time
All other Mismatches


Kidney / Kidney Pancreas 2013 DBD Donor
Transplants (n=50) by HLA Matching vs Wait Time
(n=30)
60%
(n=20)
30%
HLA Matching
Wait Time

Kidney Pancreas Transplants

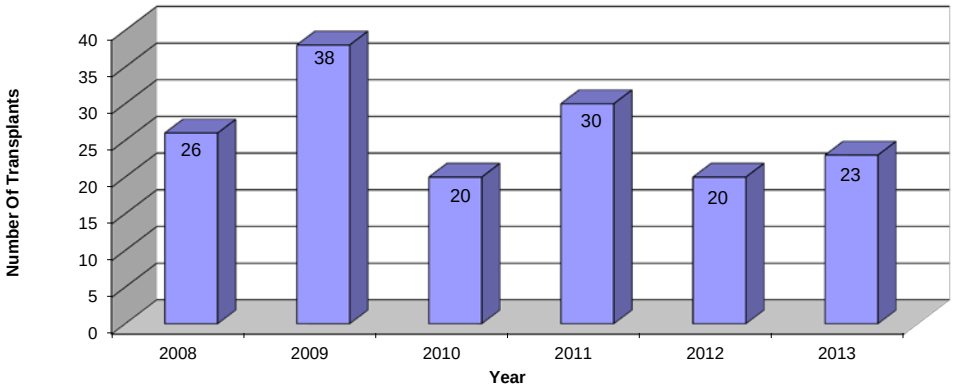


Kidney Pancreas Transplants By Province

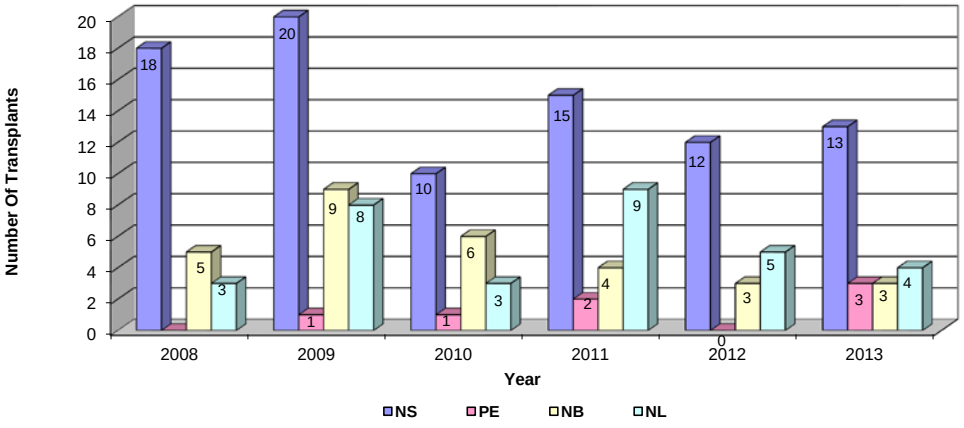


Liver Transplant Services

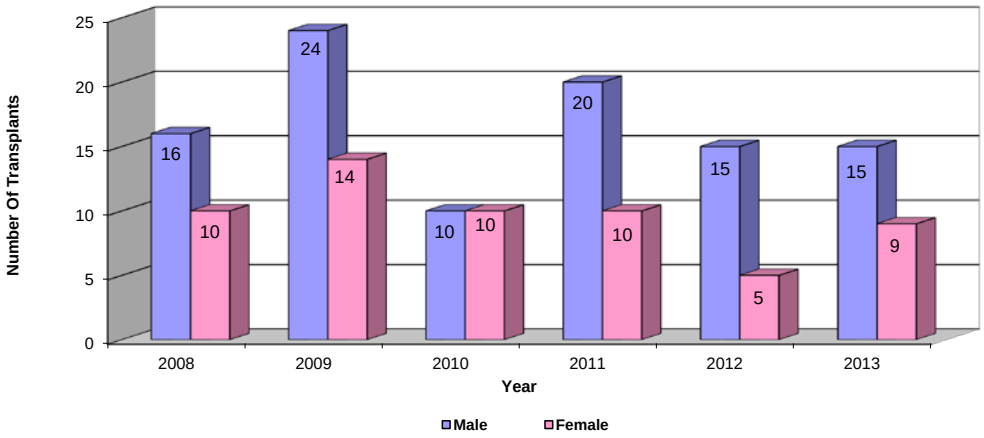
Liver Transplants
Performed for Atlantic Canada Recipients



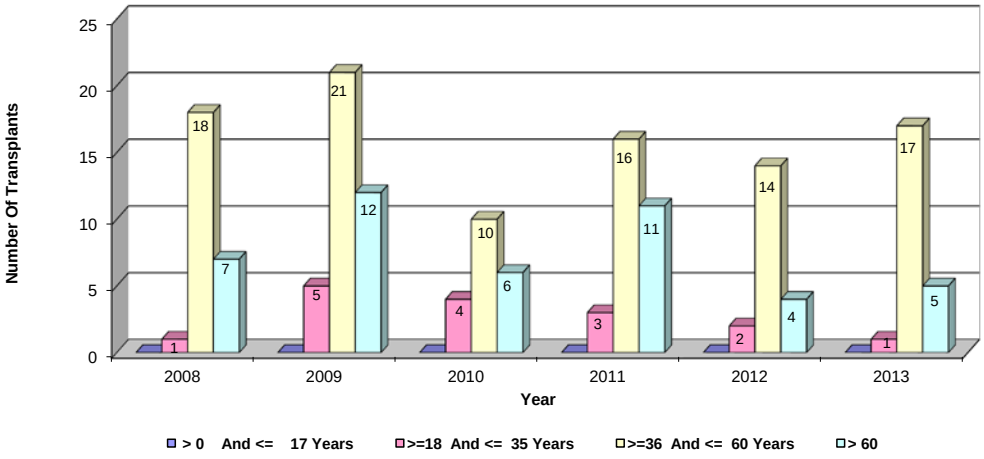
Liver Transplants By Province



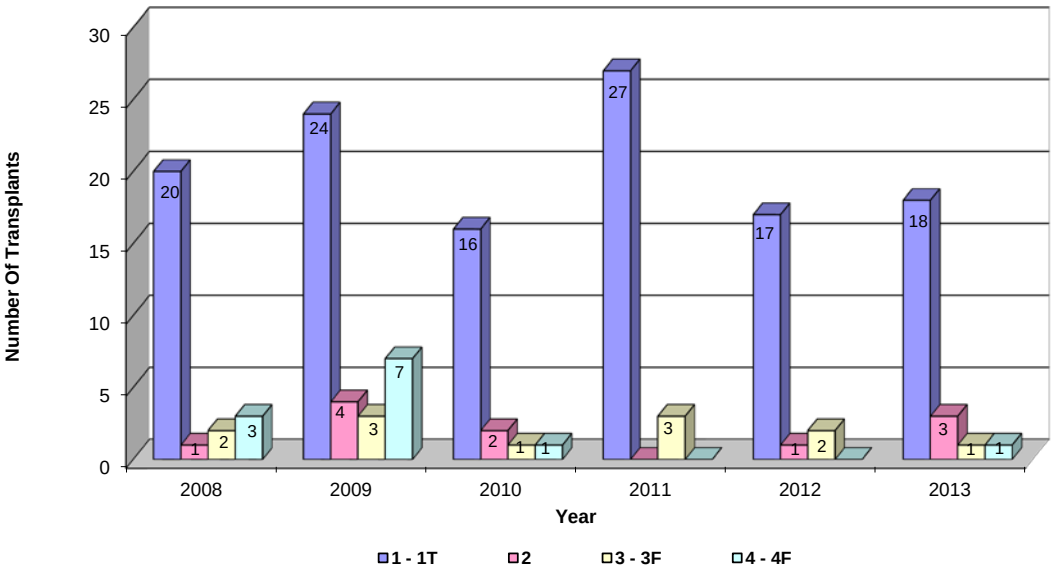
Liver Transplants By Gender



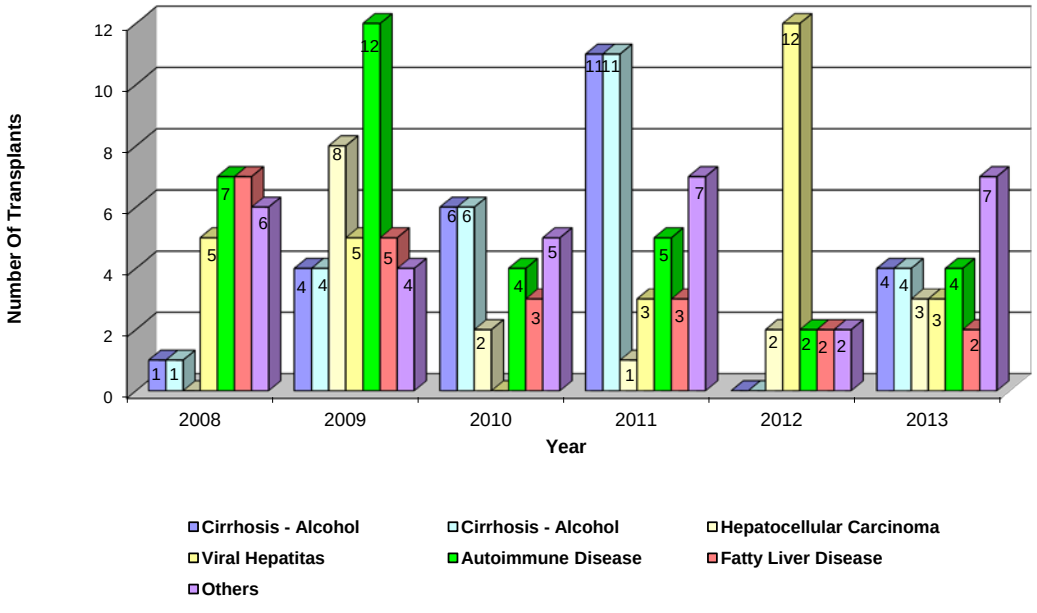
Liver Transplants By Age At Transplant



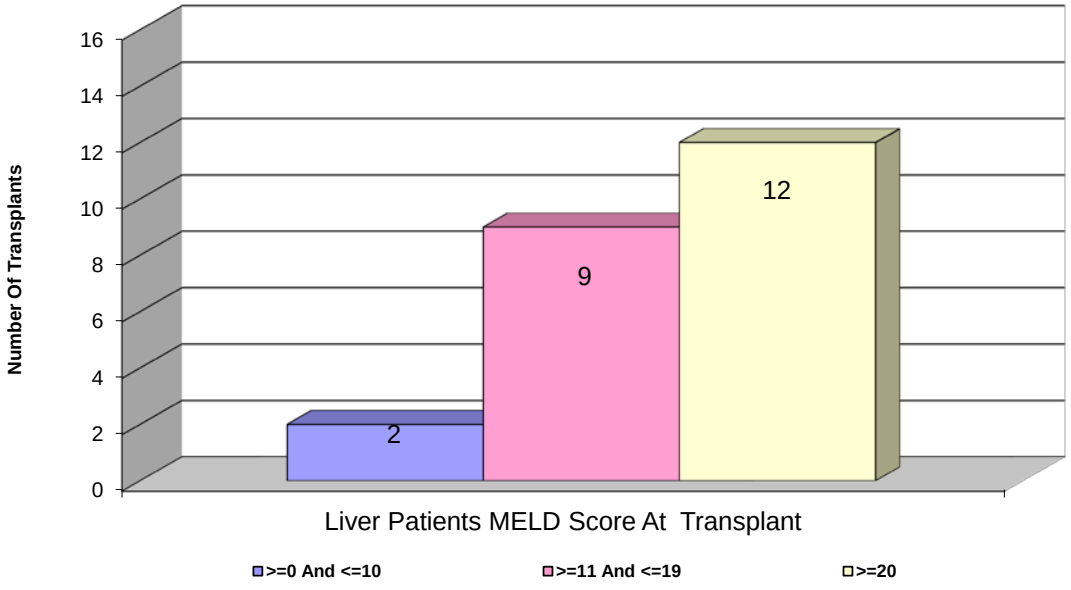
Liver Transplants By Medical Status At Transplant



Indications for Liver Transplants by Primary Diagnosis

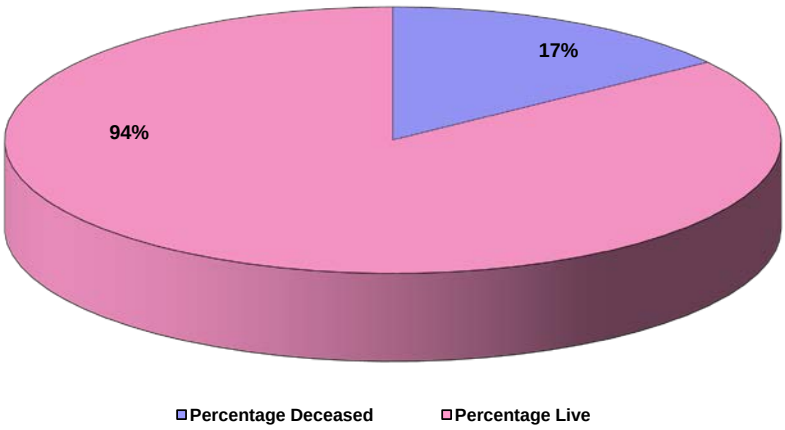


2013 Liver Patients MELD Score At Transplant



*** See Appendix A for MELD Score Description**

2013 Liver Patient Wait List Deaths



Appendix A

Medical Status	Liver Medical Status Description
1	At Home.
1T	At Home with a liver tumor.
2	In Hospital with stable condition.
3	In ICU or equivalent care facility but not on mechanical support with either: (a) creatinine >200 umol/L and / or rising by >50 umol/L per day, or (b) grade 3 or 4 encephalopathy.
3F	In ICU or equivalent care facility due to fulminant liver failure but not on mechanical support
4	In ICU requiring mechanical ventilation. Death is considered imminent without liver transplantation.
4F	In ICU requiring mechanical ventilation due to fulminant liver failure including primary graft non-function. Death is considered imminent without liver transplantation

MELD Score Description

The Model for End-Stage Liver Disease is a numerical scale that is currently used for liver allocation.
The MELD score is based on a patient's risk of dying while waiting for a liver transplant, and is based on objective and verifiable medical data.

The MELD score calculation uses:

- Serum Creatinine (mg/dl) **
- Bilirubin (mg/dl)
- INR

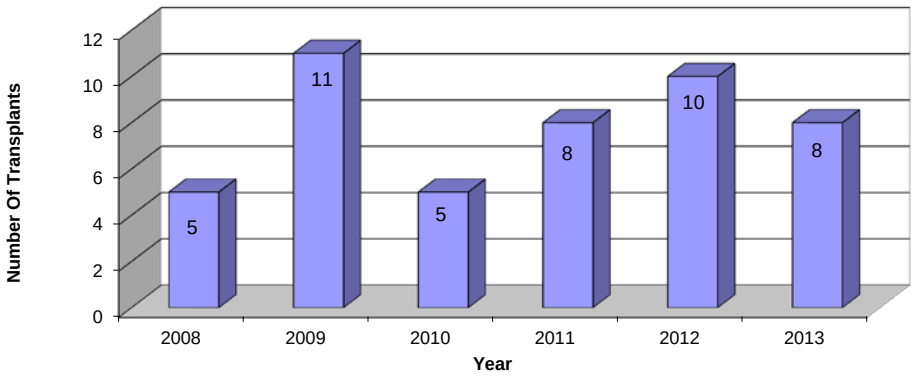
The MELD score is calculated using the following formula:

MELD Score = 0.957 x Loge(creatinine mg/dL)
+ 0.378 x Loge(billirubin mg/gL)
+ 1.120xLoge(INR)
+ 0.643 x
Multiply the score by 10 and round to the nearest whole number.

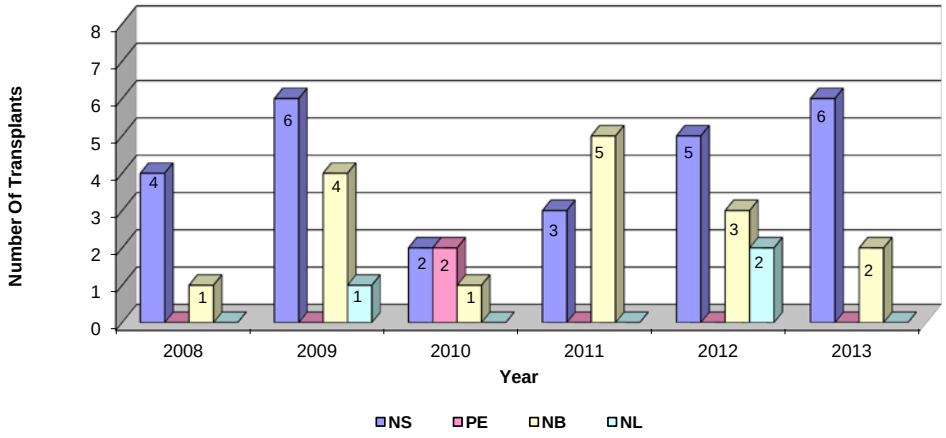
Disclaimer: Historical data contained in this report is subject to change

Cardiac Transplant Services

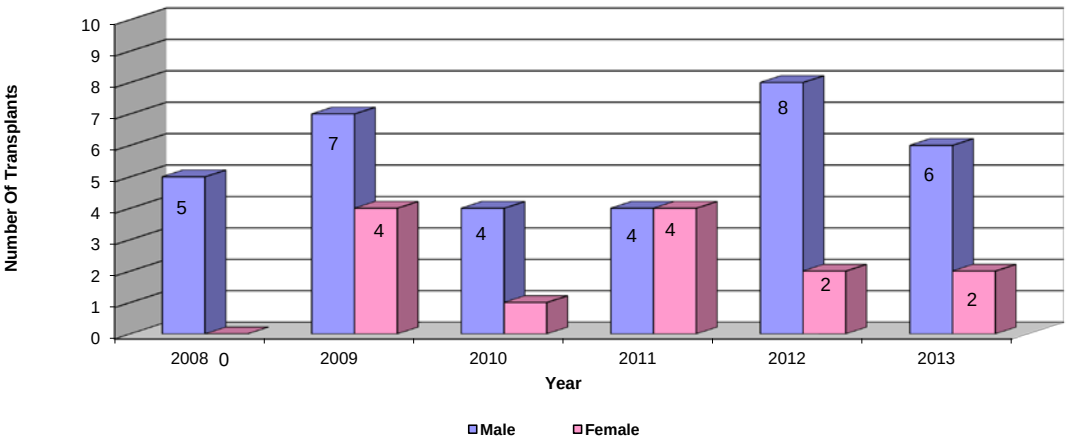
Heart Transplants
Performed for Atlantic Canada Recipients



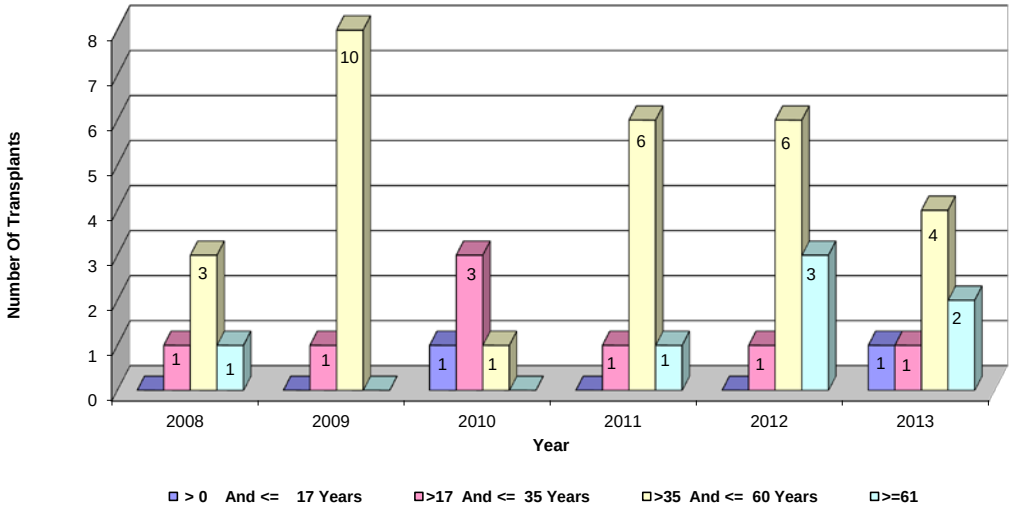
Heart Transplants By Province



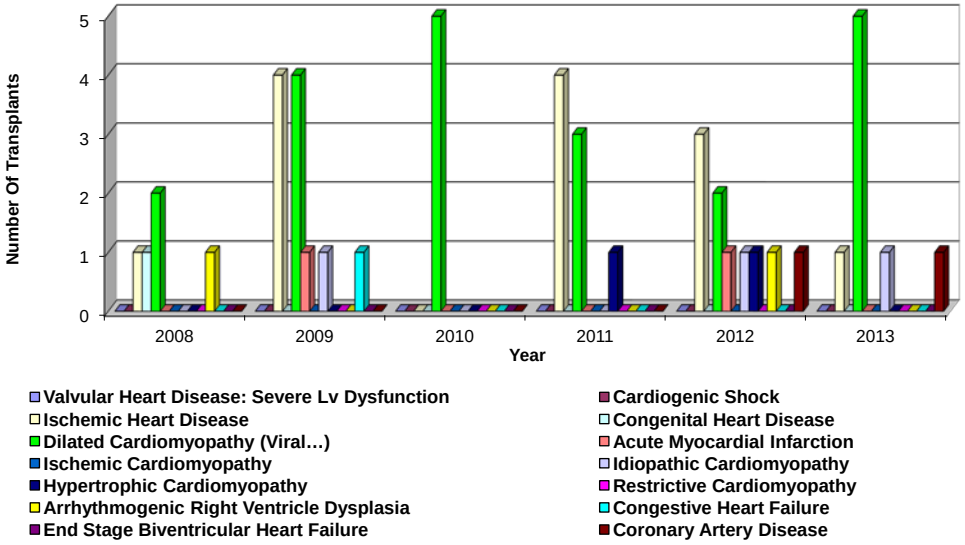
Heart Transplants By Gender



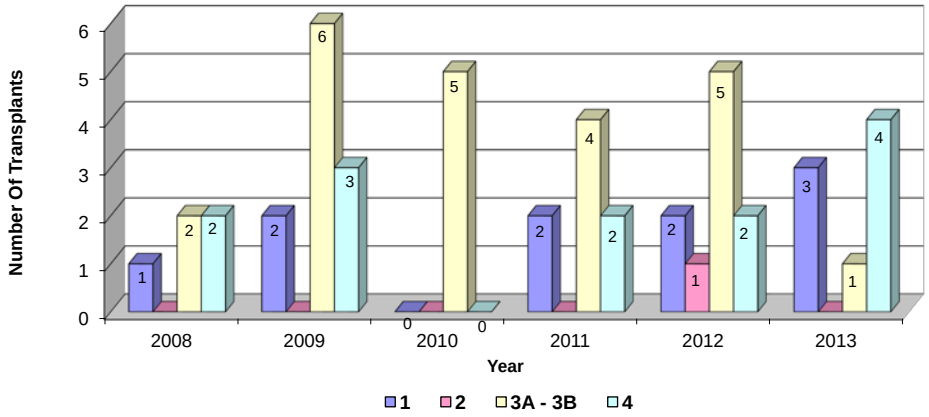
Heart Transplants By Age At Transplant



Heart Transplants by Primary Diagnosis

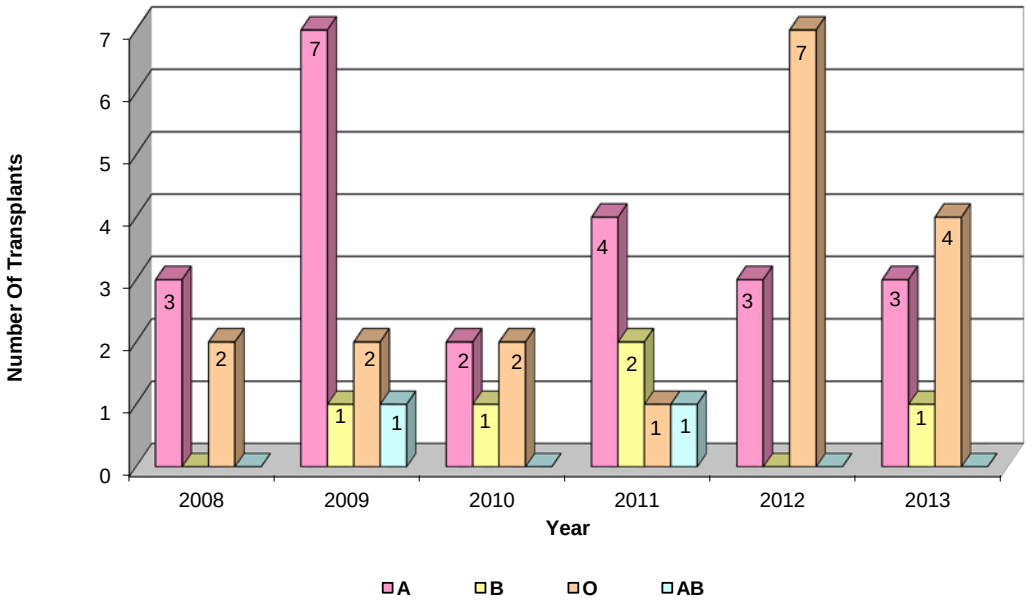


Heart Transplants By Medical Status At Transplant



*** See Appendix B for Medical Status Description**

Heart Transplants By Blood Type



Appendix B

Medical Status	Heart Medical Status Description
1	At Home.
2	In Hospital.
3A	VAD or Intravenous Inotropes on ward or at home.
3B	ICU - Continuous infustion of intravenous inotropes (high dose of one or more inotropes).
4	ICU - Mechanical Ventilatory or Circulatory Support.

Disclaimer: Historical data contained in this report is subject to change