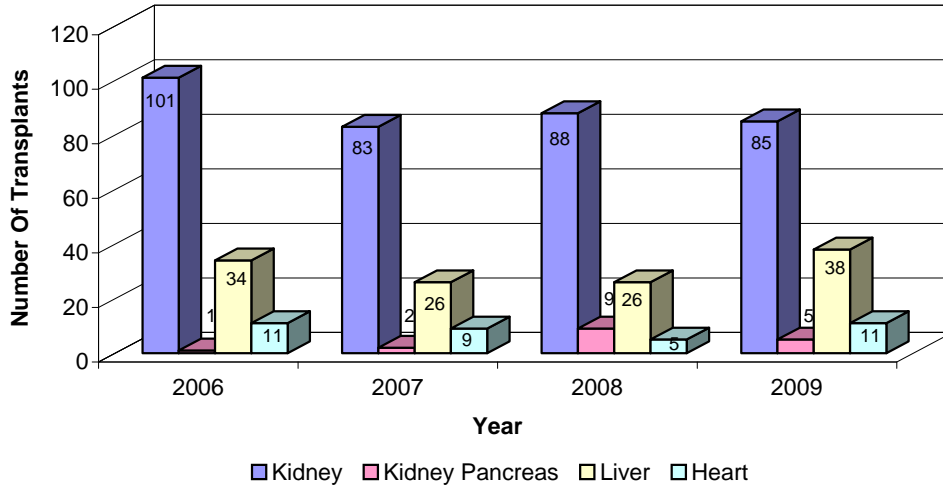
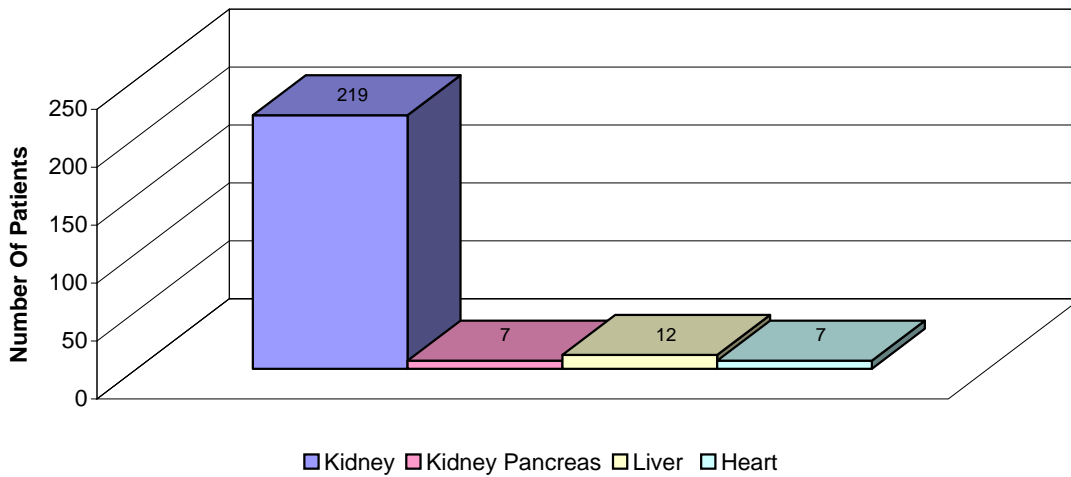


# 2009 Year In Review

## 2009 In Review

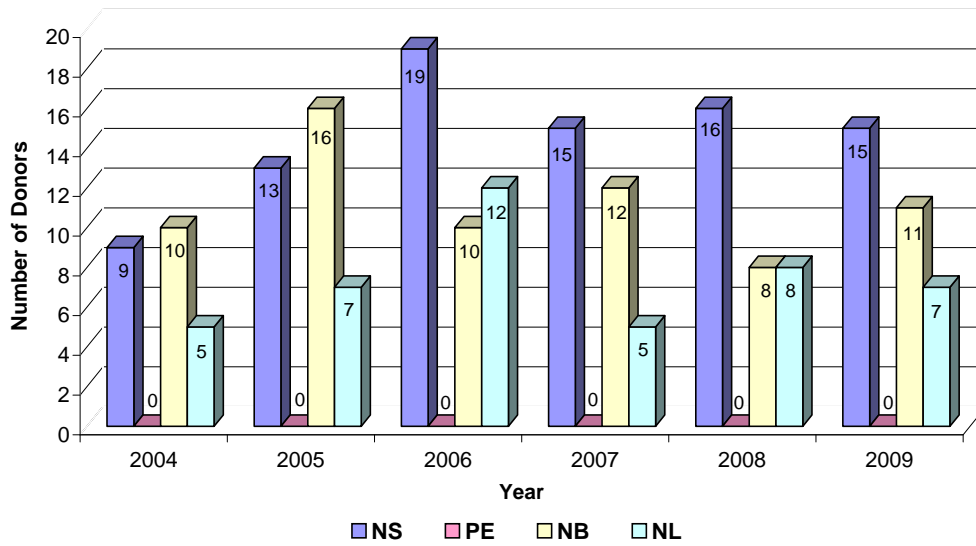


## Number of Patients on WaitList as of 2009.12.31

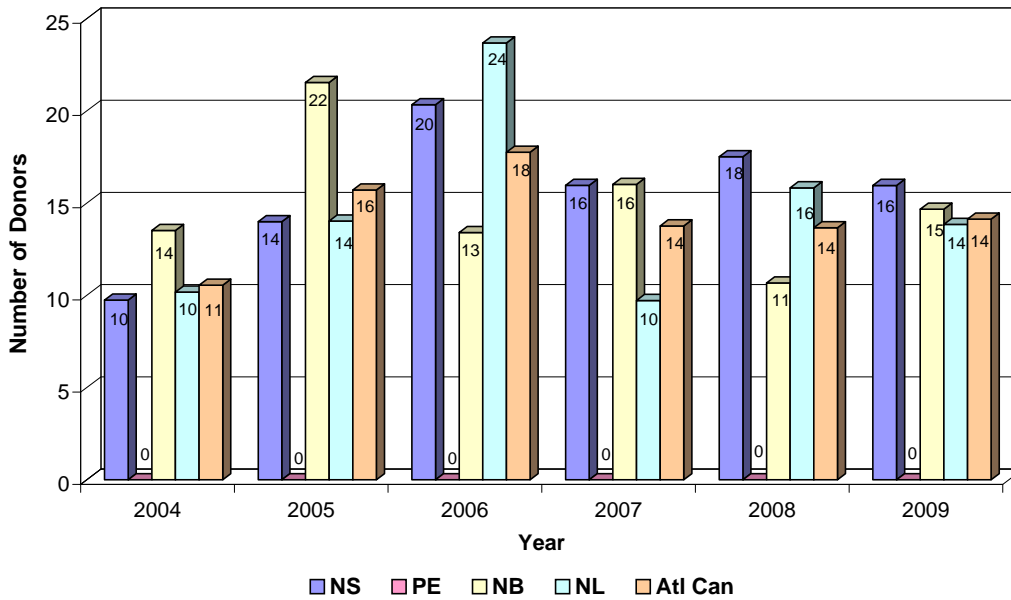


# Organ Donor Statistics

## Atlantic Canada DBD Donors by Reporting Province of Death

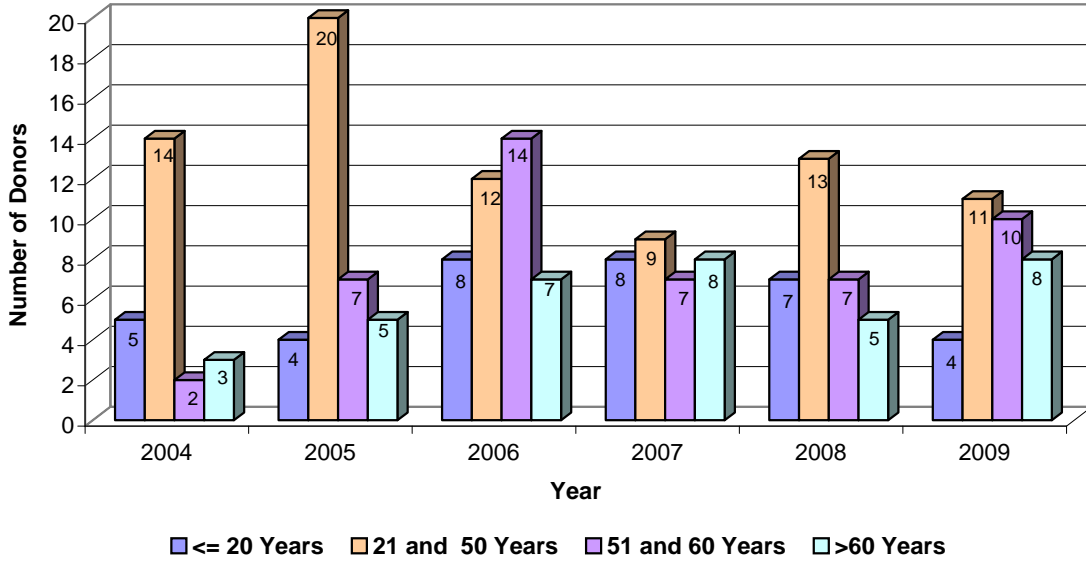


## Atlantic Canada DBD Donors Per Million by Province

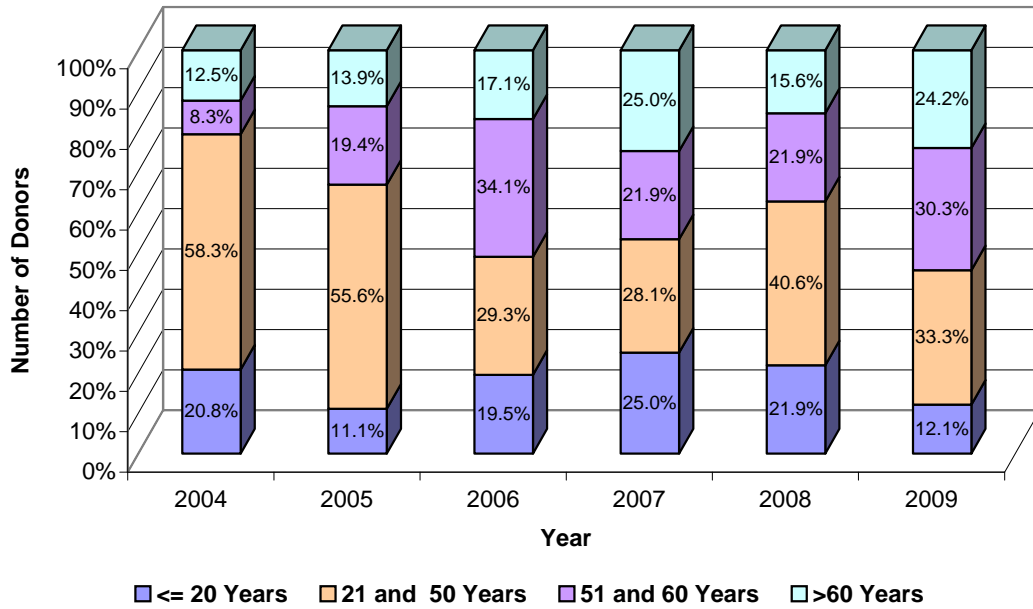


\* DBD - Donation After Brain Death

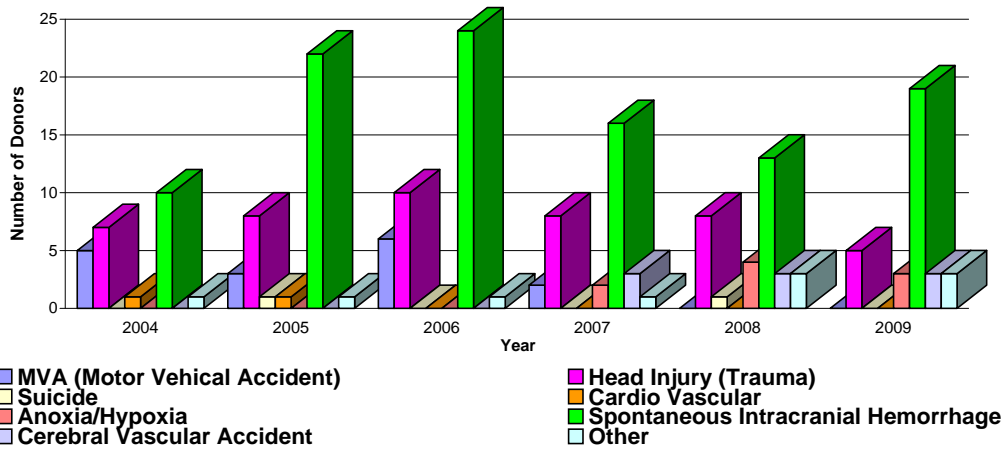
**DBD Donors by Age**



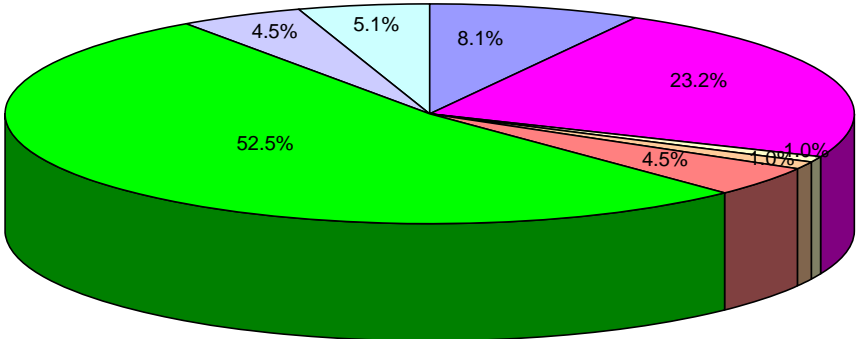
**DBD Donors by Age (in percentage)**



**DBD Donors by Cause of Death**

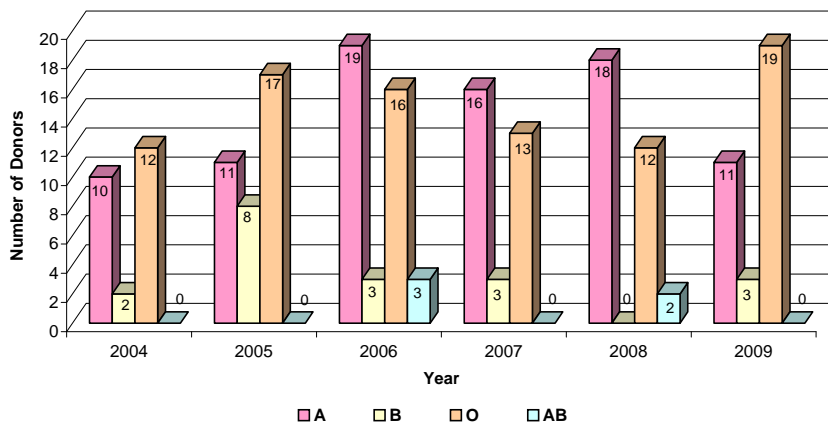


**DBD Donors by Cause Of Death (2004-2009)**

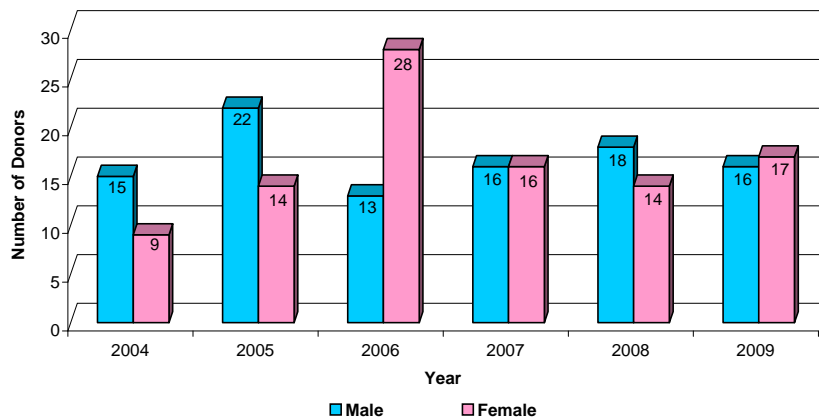


- MVA (Motor Vehical Accident)
- Head Injury (Trauma)
- Suicide
- Cardio Vascular
- Anoxia/Hypoxia
- Spontaneous Intracranial Hemorrhage
- Cerebral Vascular Accident
- Other

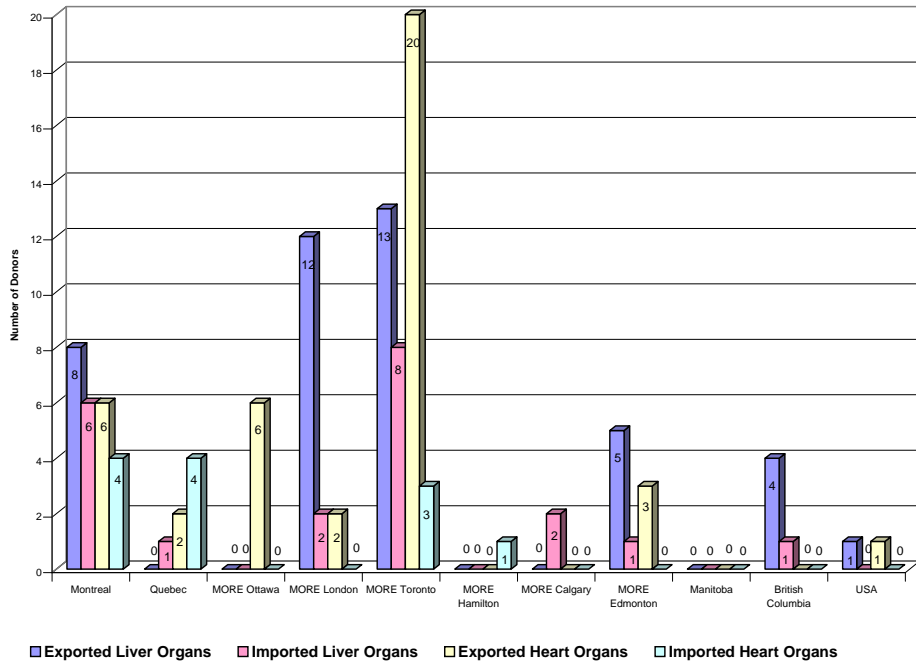
DBD Donors by Blood Type



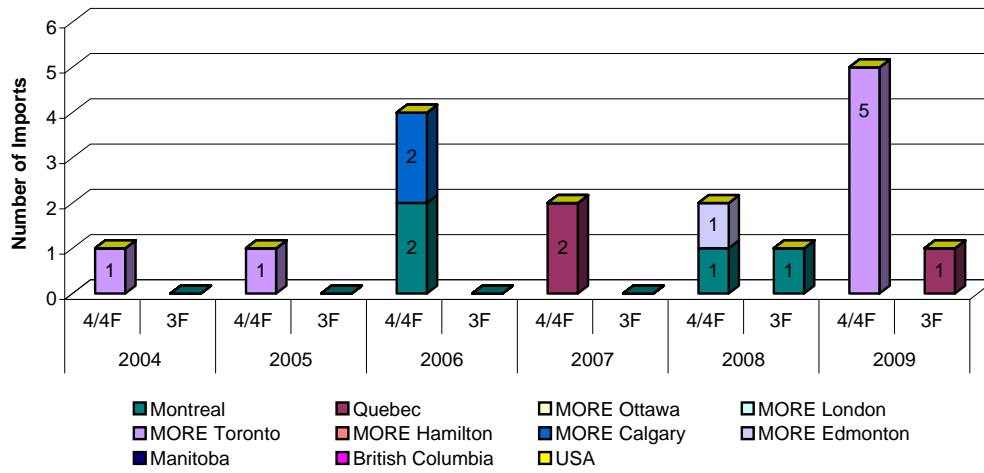
DBD Donors by Gender



DBD Donors Organs Exported / Imported (2004-2009)

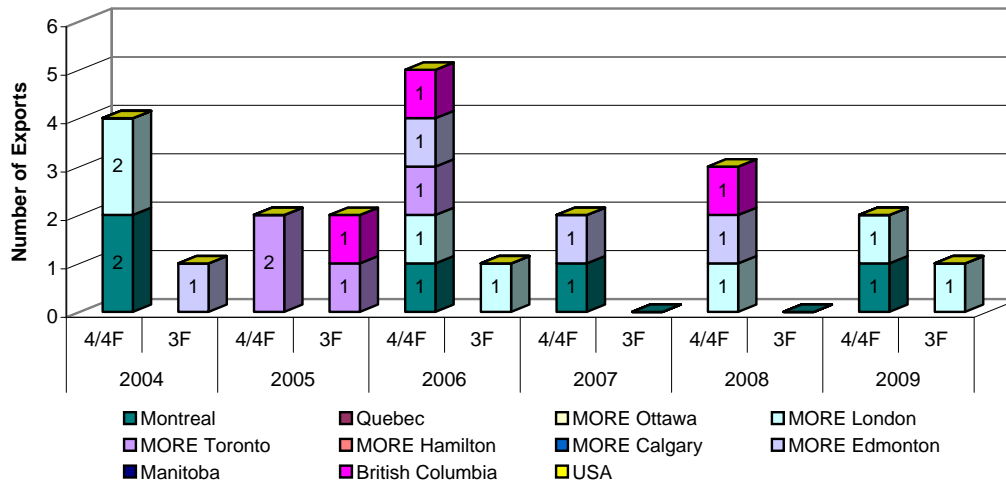


### Liver Allocation (Import for High Status)



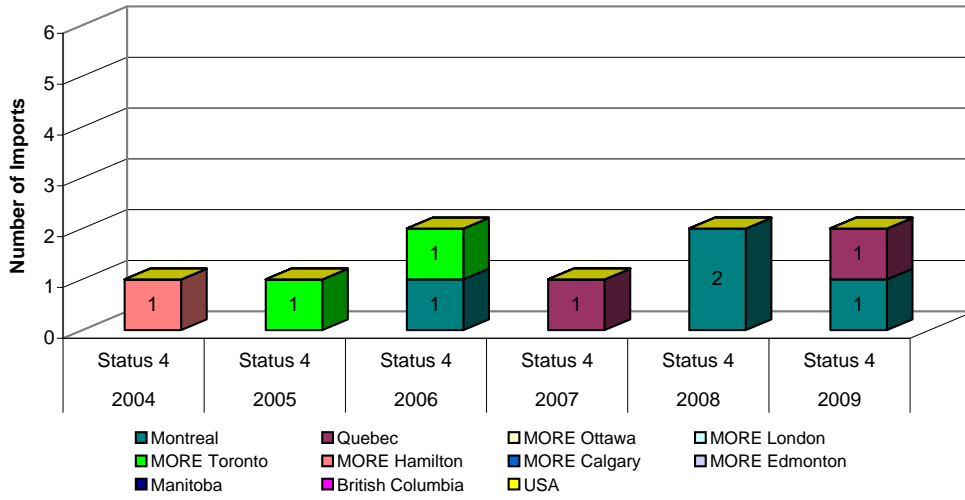
\* See Appendix A for Medical Status Description

### Liver Allocation (Export for High Status)



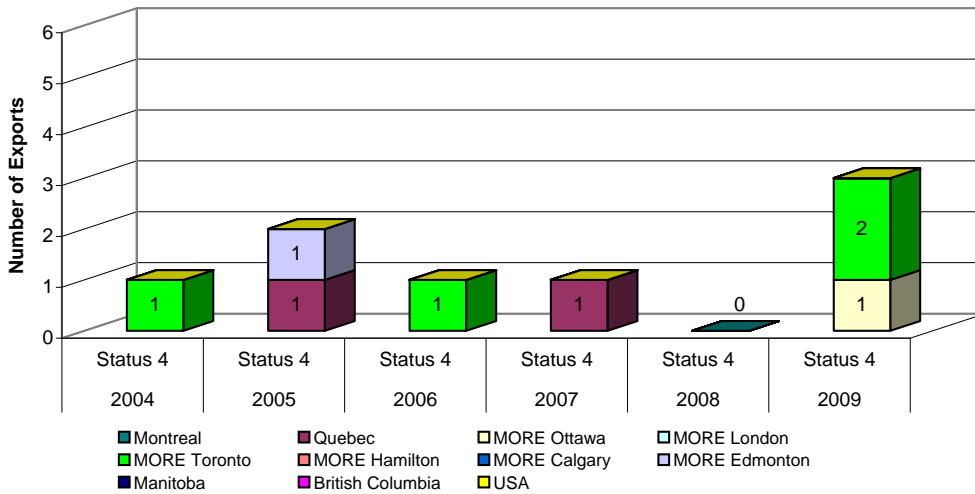
\* See Appendix A for Medical Status Description

### Heart Allocation (Import for High Status)



\* See Appendix A for Medical Status Description

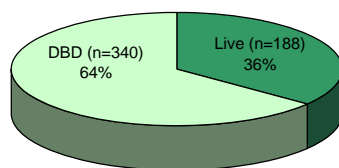
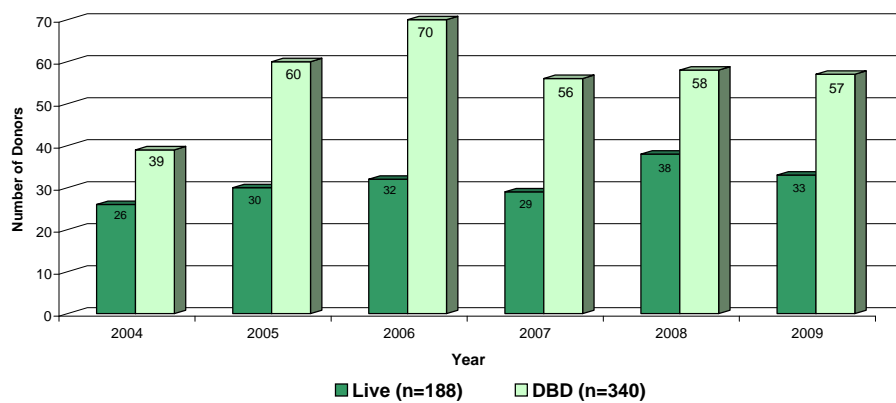
### Heart Allocation (Export for High Status)



\* See Appendix A for Medical Status Description

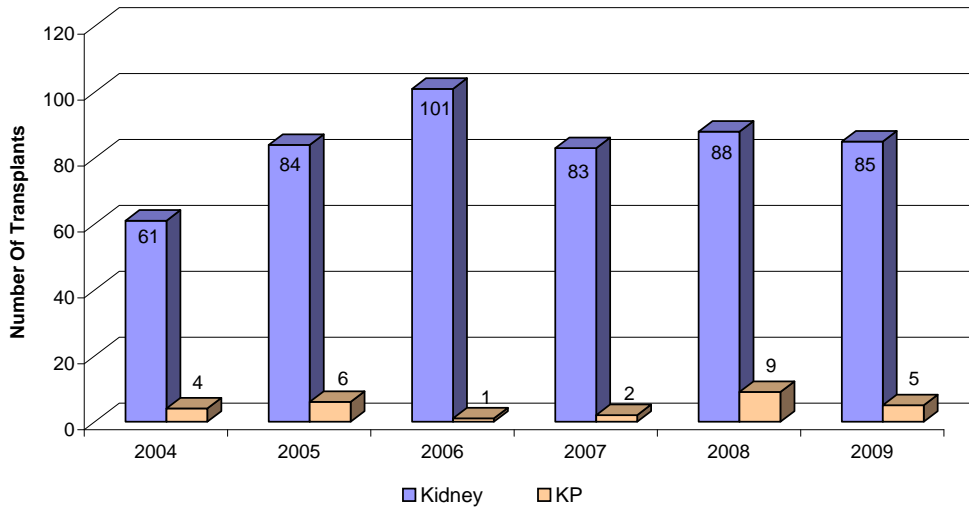


### Renal Transplants Live vs DBD (n=520)

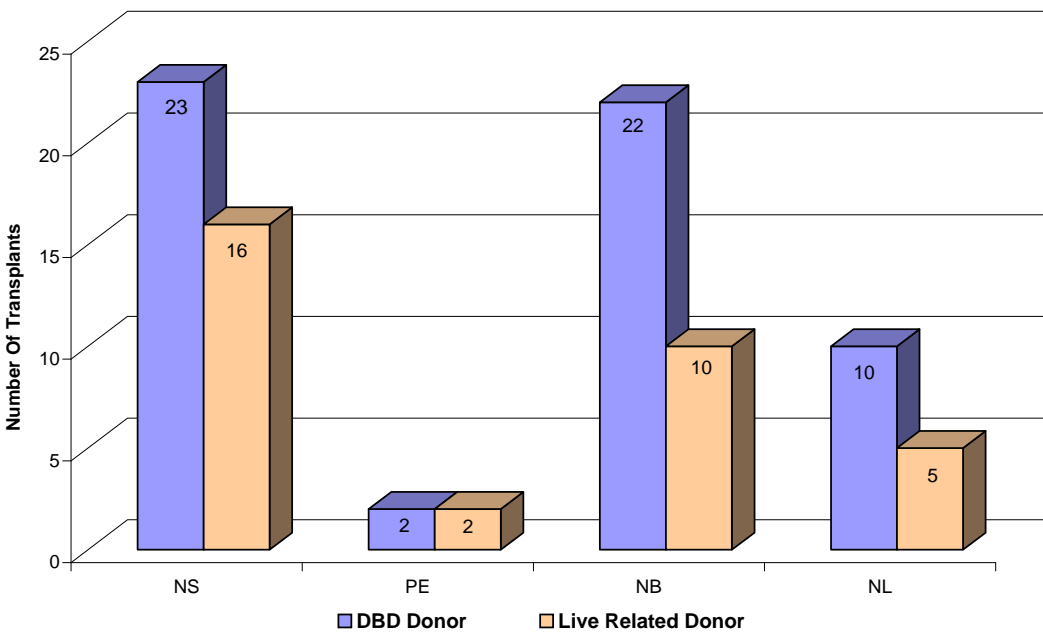


# Kidney / Kidney Pancreas Transplant Services

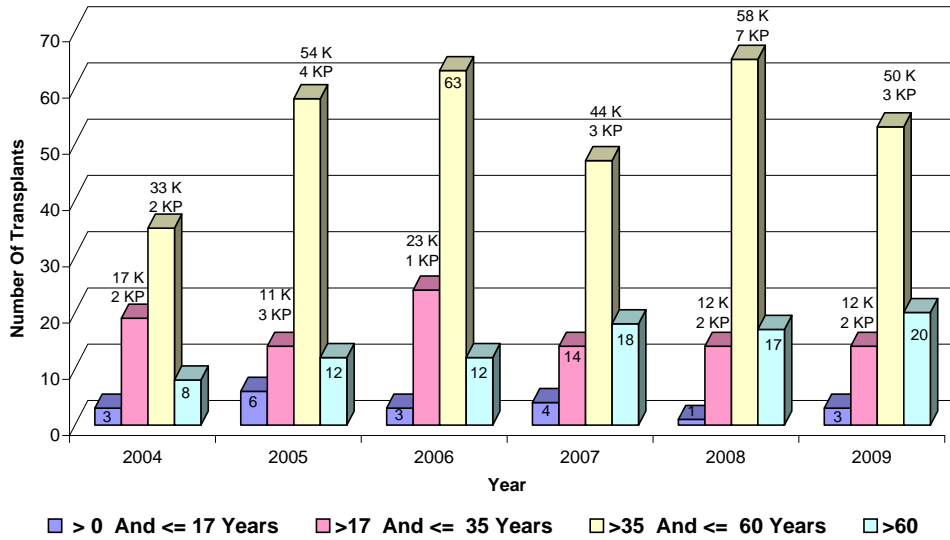
**Kidney / Kidney Pancreas Transplants Performed for Atlantic Canada Recipients**



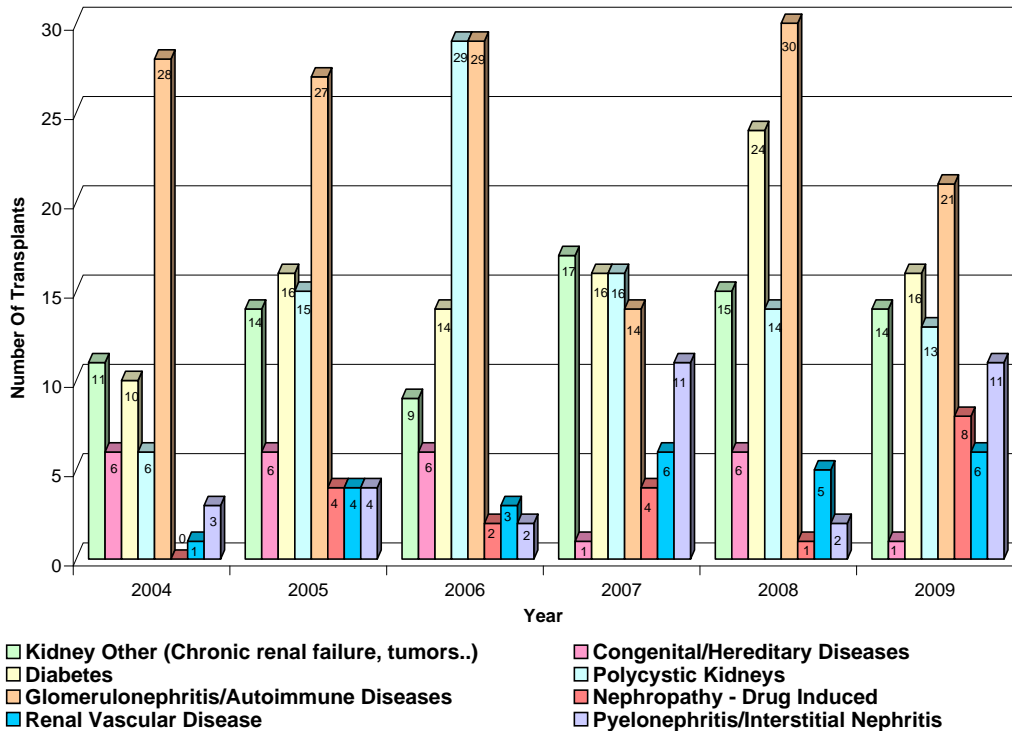
**2009 Atlantic Canada Kidney / Kidney Pancreas Transplant Recipients by Province**



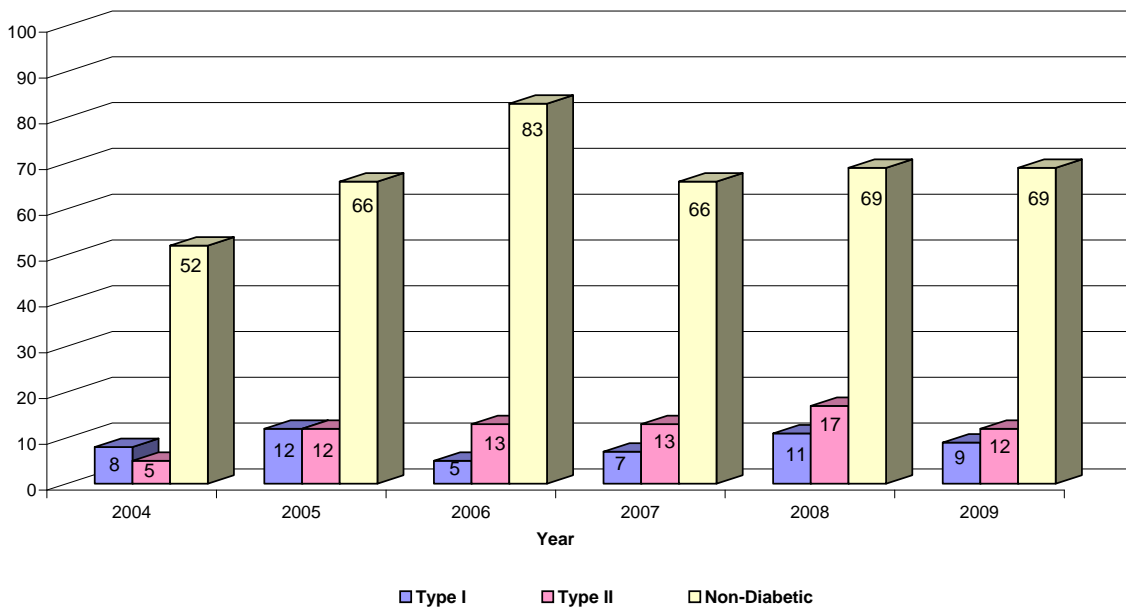
**Kidney / Kidney Pancreas Transplants By Age At Transplant**



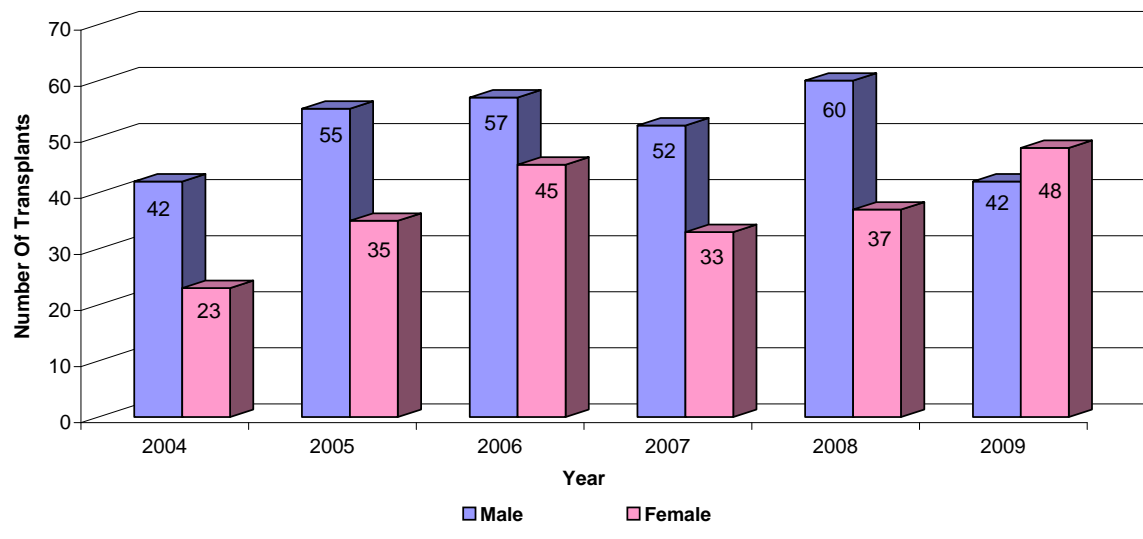
**Kidney / Kidney Pancreas Transplants by Primary Diagnosis Groups**



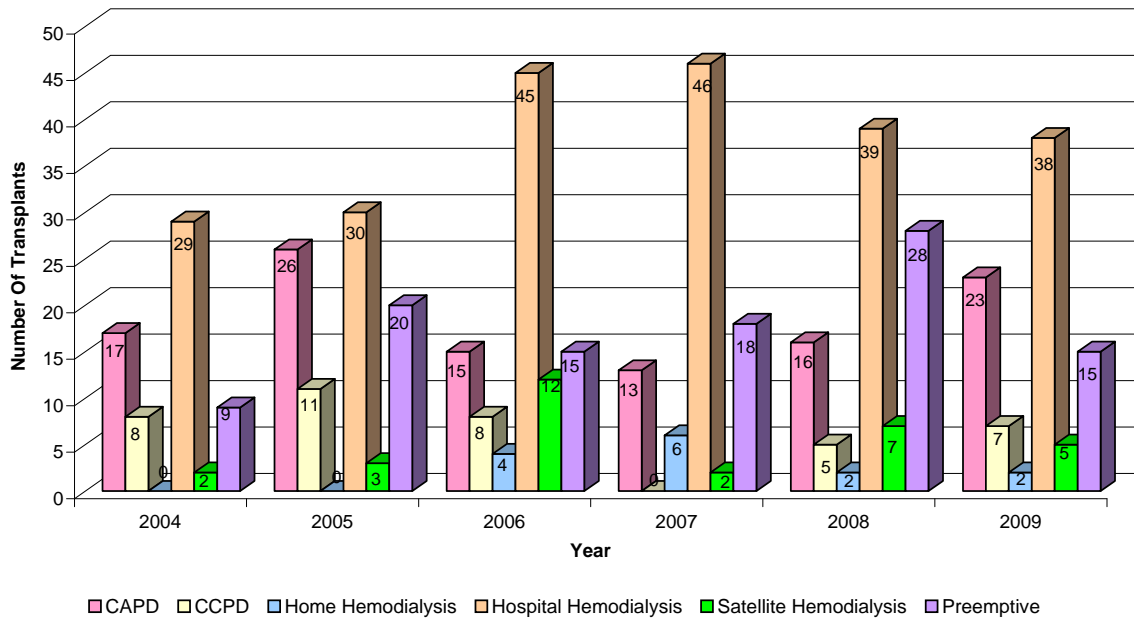
**Kidney / Kidney Pancreas Transplants  
Diabetes Type I, Type II and Non-Diabetic**



**Kidney / Kidney Pancreas Transplants By Gender**



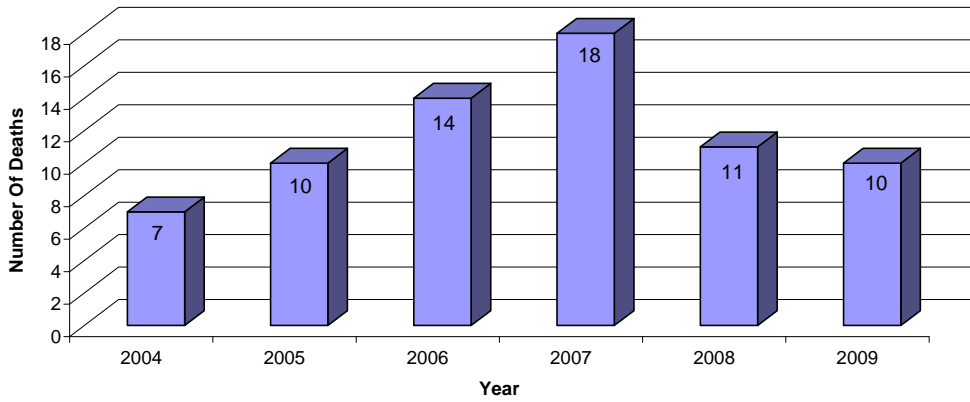
### Kidney / Kidney Pancreas Transplants by Dialysis Types



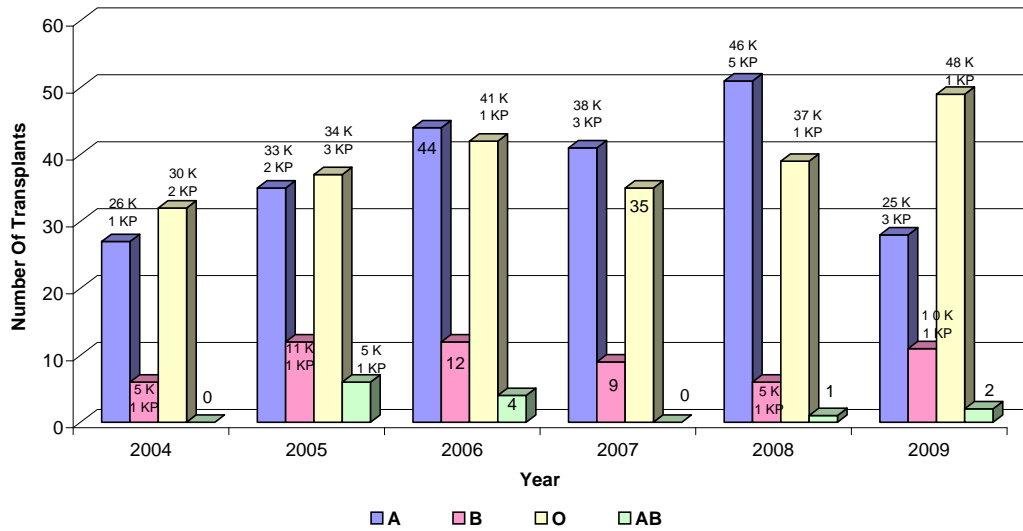
\* CAPD - Continuous Ambulatory Peritoneal Dialysis

\* CCPD - Chronic Cyclic Peritoneal Dialysis

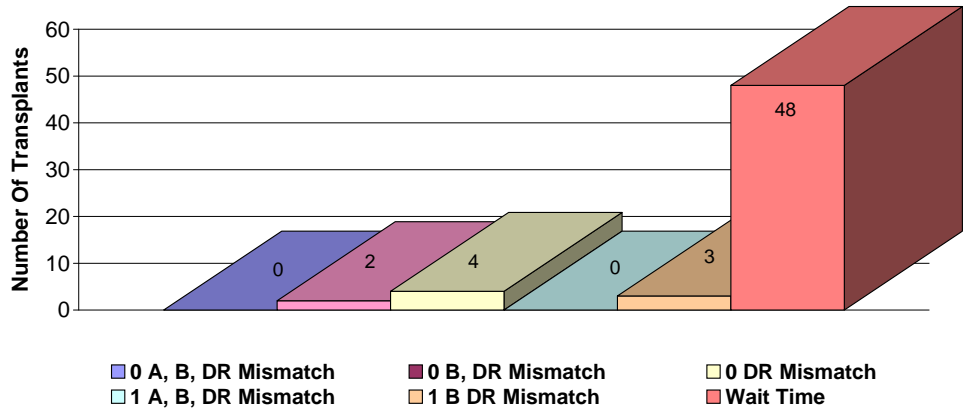
### Kidney Wait List Deaths (Including Workups) in Atlantic Canada



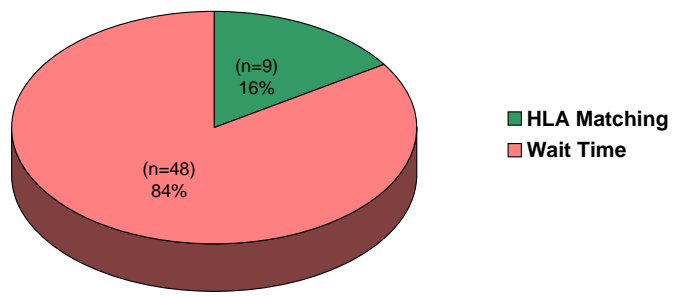
### Kidney / Kidney Pancreas Transplants By Blood Type



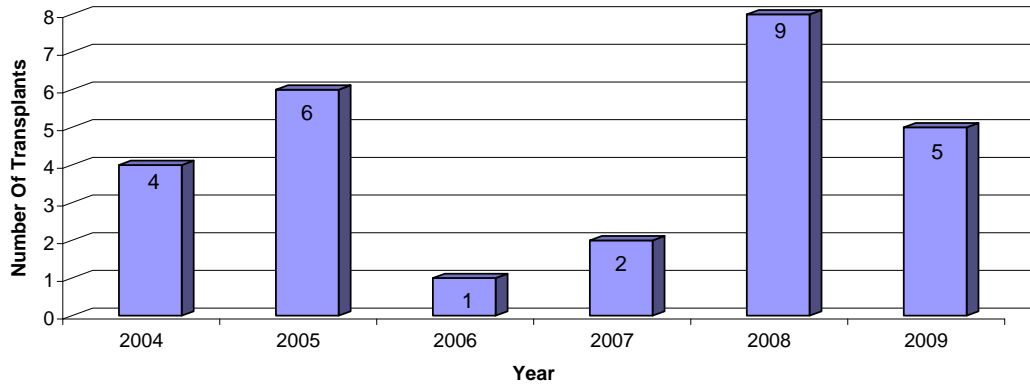
**Kidney / Kidney Pancreas  
2009 Deceased Donor  
Transplants by HLA Matching**



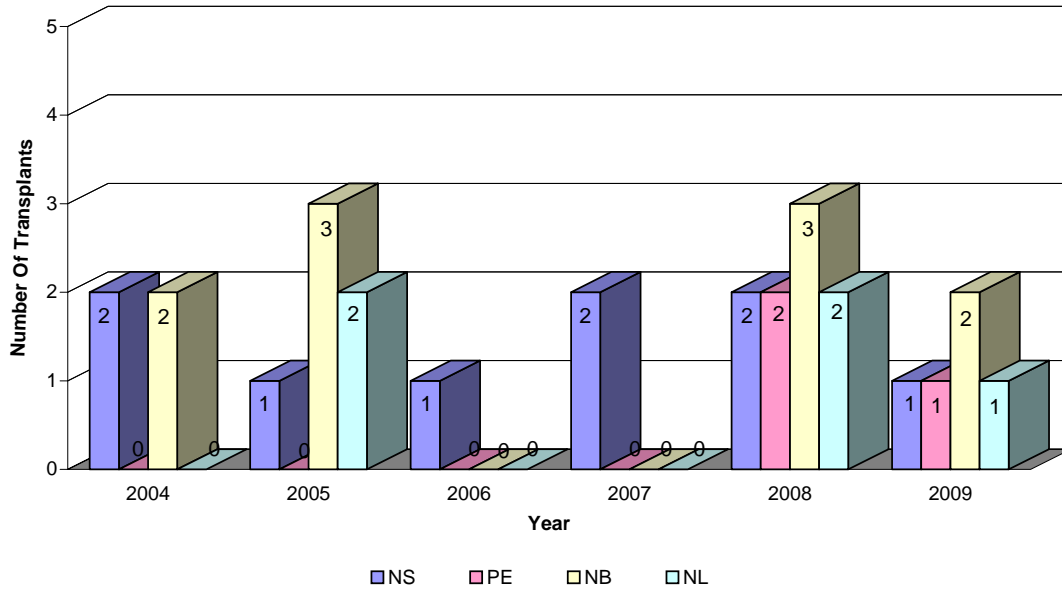
**Kidney / Kidney Pancreas 2009 DBD Donor  
Transplants (n=57) by HLA Matching vs Wait Time**



### Kidney Pancreas Transplants



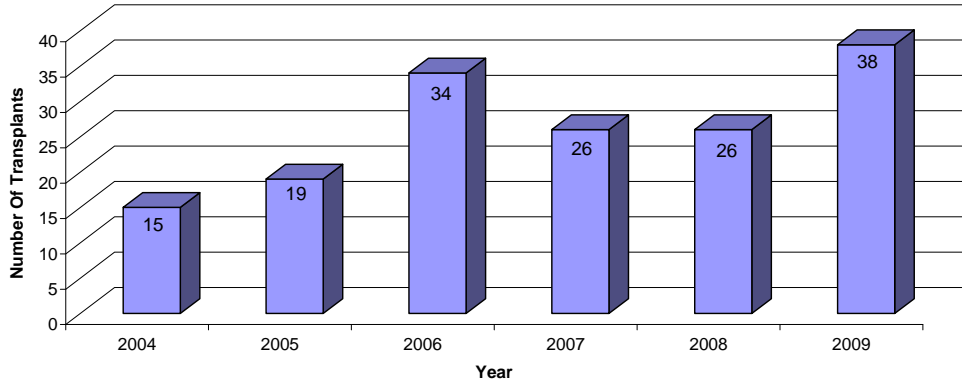
### Kidney Pancreas Transplants By Province



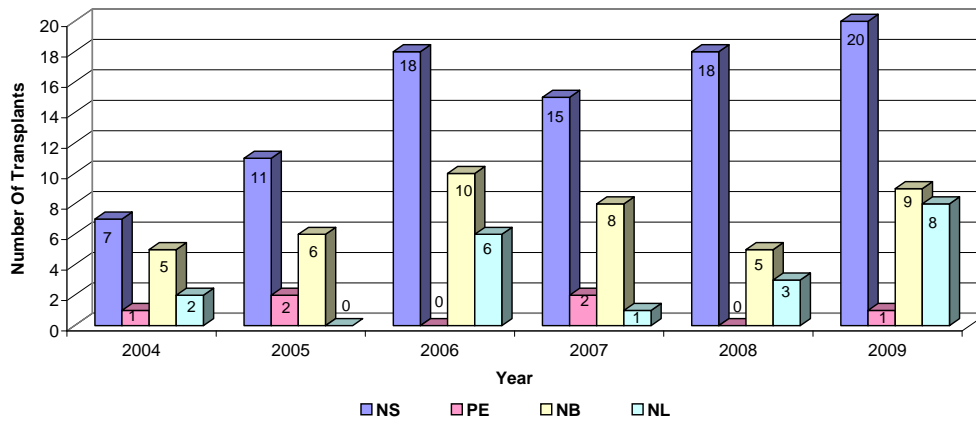


# Liver Transplant Services

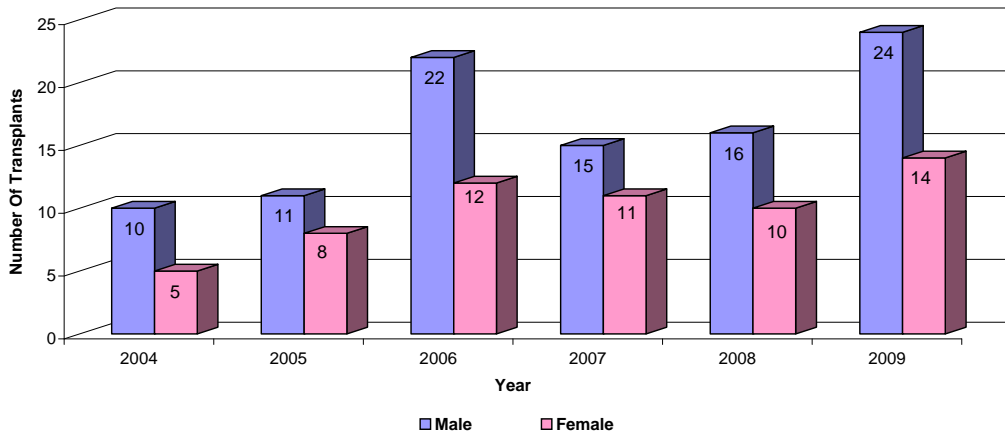
## Liver Transplants Performed for Atlantic Canada Recipients



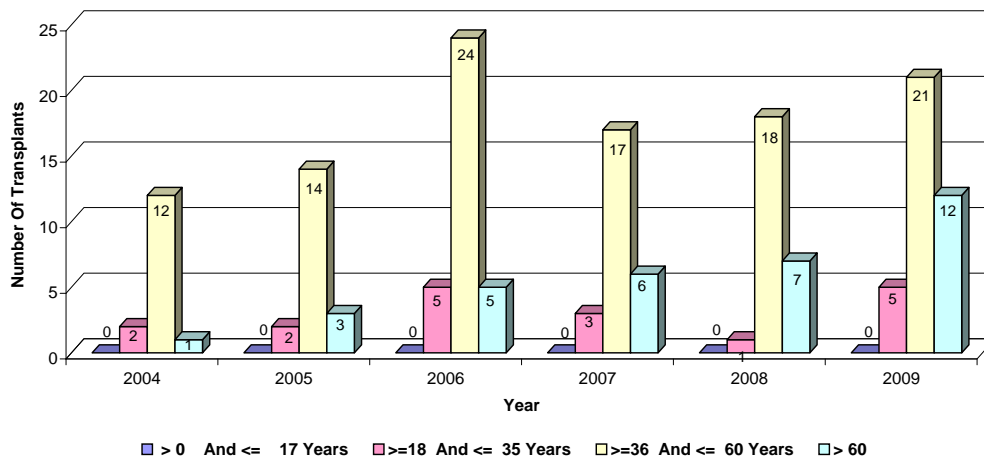
## Liver Transplants By Province



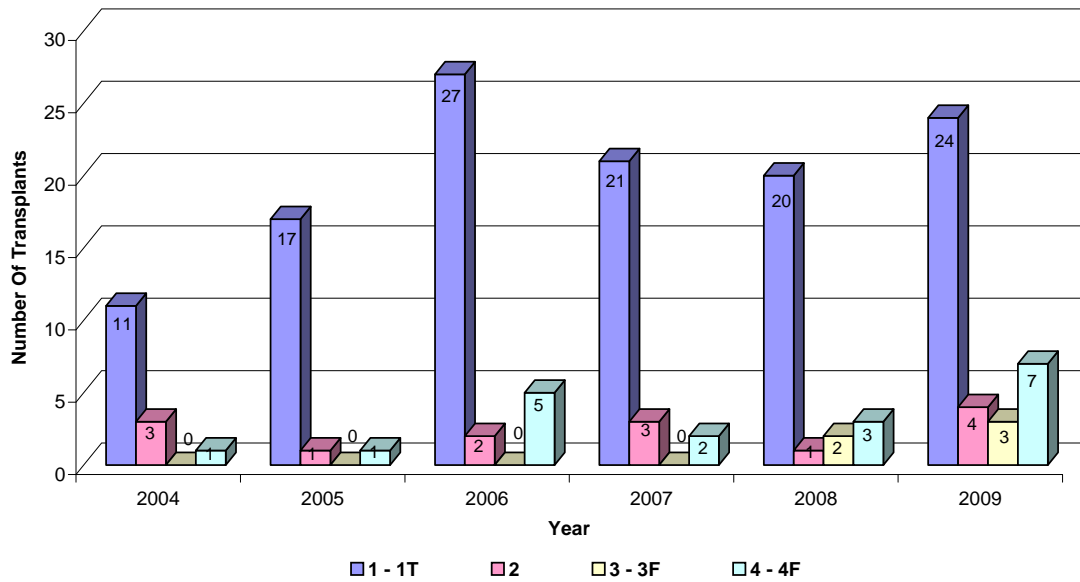
**Liver Transplants By Gender**



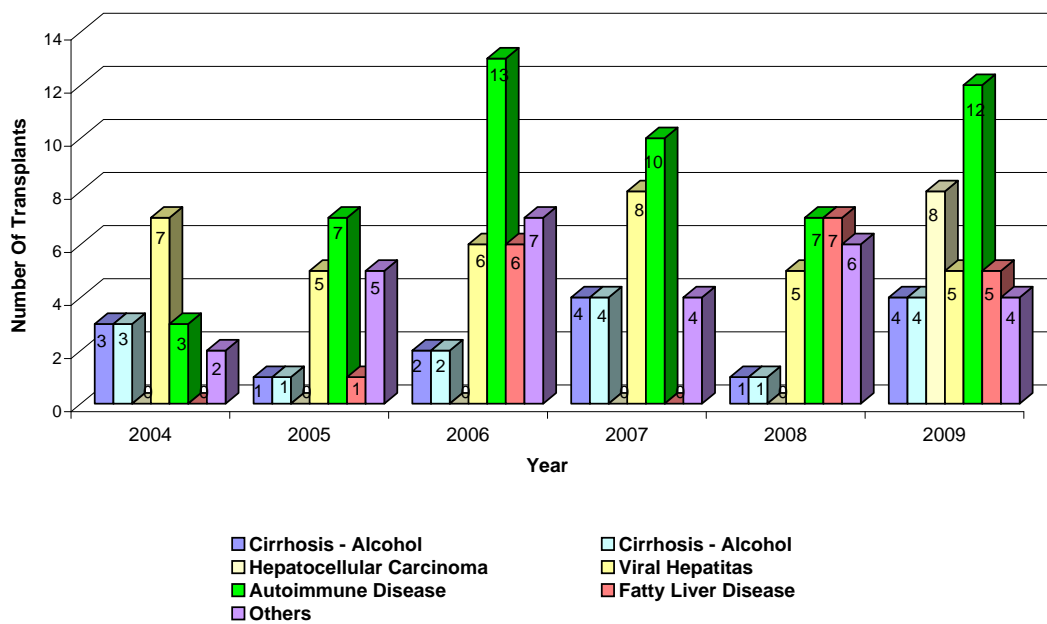
**Liver Transplants By Age At Transplant**



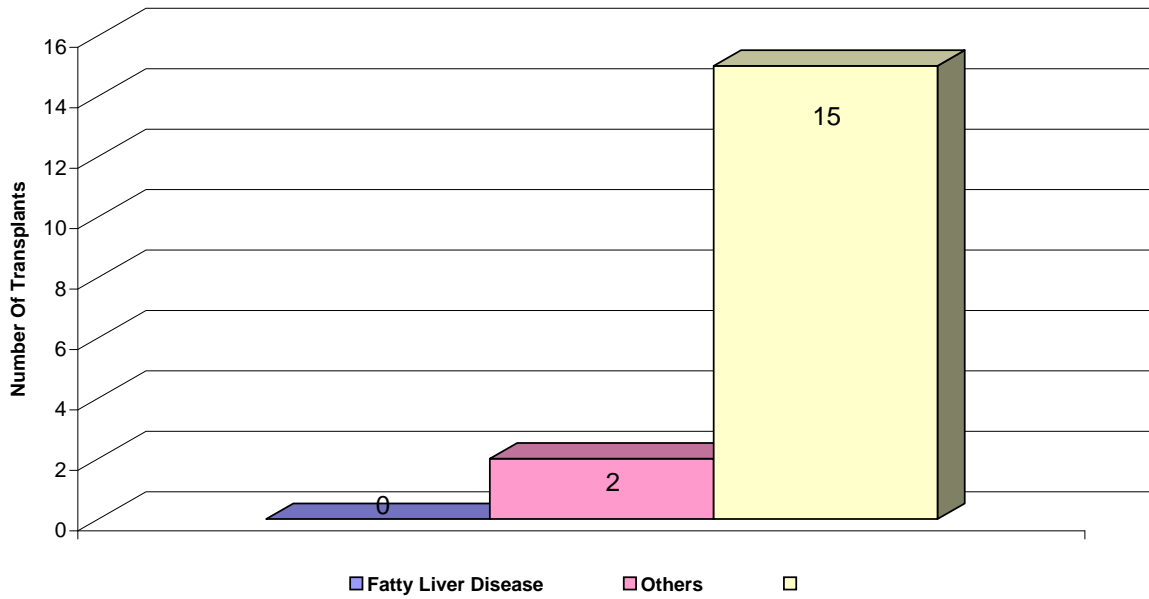
### Liver Transplants By Medical Status At Transplant



### Indications for Liver Transplants by Primary Diagnosis

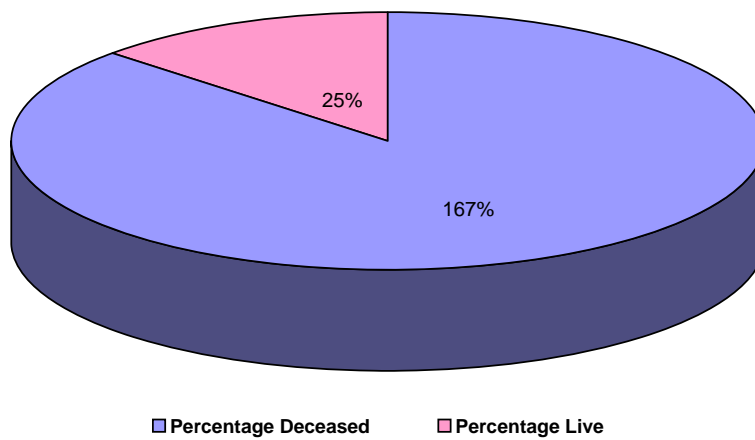


### 2009 Liver Patients MELD Score At Transplant



\* See Appendix A for MELD Score Description

### 2009 Liver Patient Wait List Deaths



## Appendix A

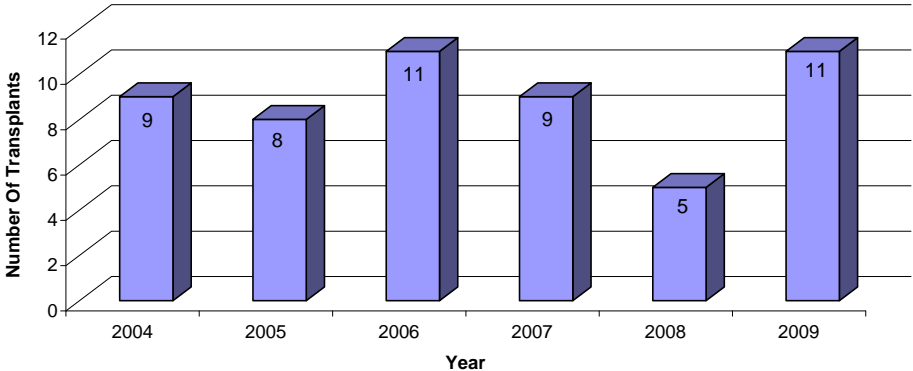
Medical Status	Liver Medical Status Description
1	At Home.
1T	At Home with a liver tumor.
2	In Hospital with stable condition.
3	In ICU or equivalent care facility but not on mechanical support with either: (a) creatinine >200 umol/L and / or rising by >50 umol/L per day, or (b) grade 3 or 4 encephalopathy.
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
<p>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.</p> <p>The MELD score calculation uses:</p> <ul style="list-style-type: none"> <li>• Serum Creatinine (mg/dl) **</li> <li>• Bilirubin (mg/dl)</li> <li>• INR</li> </ul> <p>The MELD score is calculated using the following formula:  MELD Score = 0.957 x Loge(creatinine mg/dL)  + 0.378 x Loge(bilirubin mg/dL)  + 1.120xLoge(INR)  + 0.643 x  Multiply the score by 10 and round to the nearest whole number.</p>

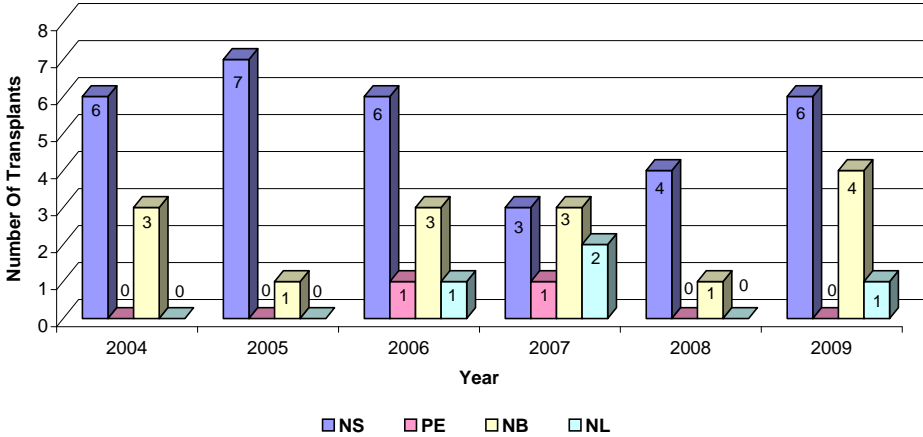
***Disclaimer: Historical data contained in this report is subject to change***

# Cardiac Transplant Services

## Heart Transplants Performed for Atlantic Canada Recipients



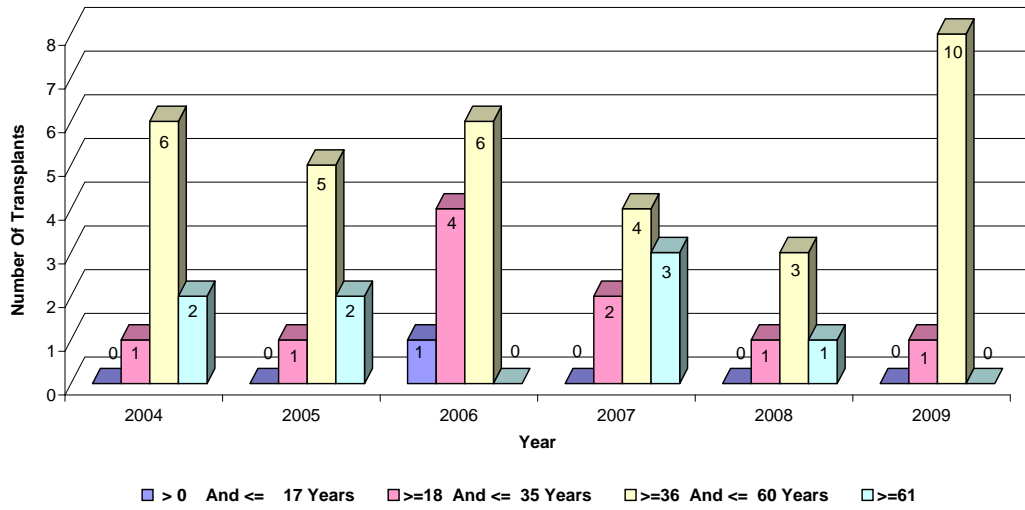
## Heart Transplants By Province



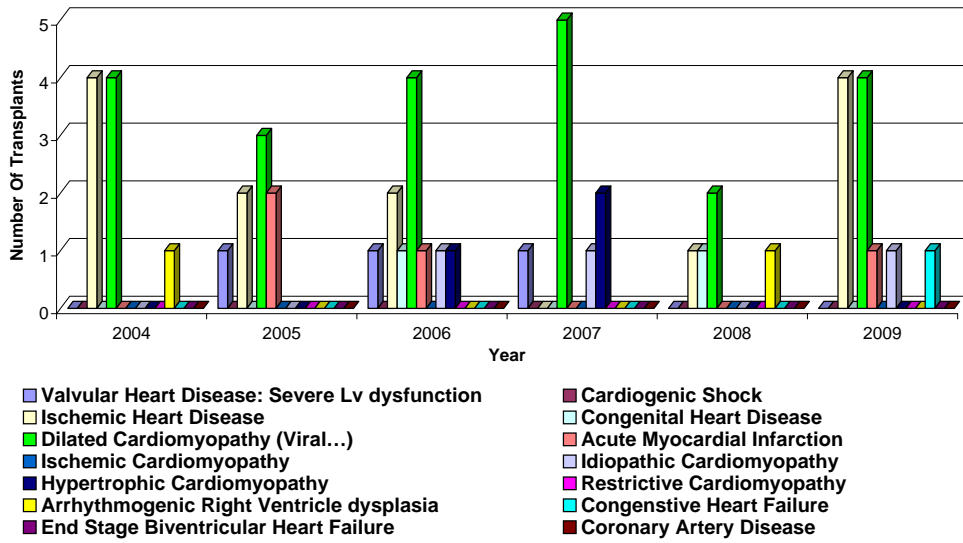
### Heart Transplants By Gender



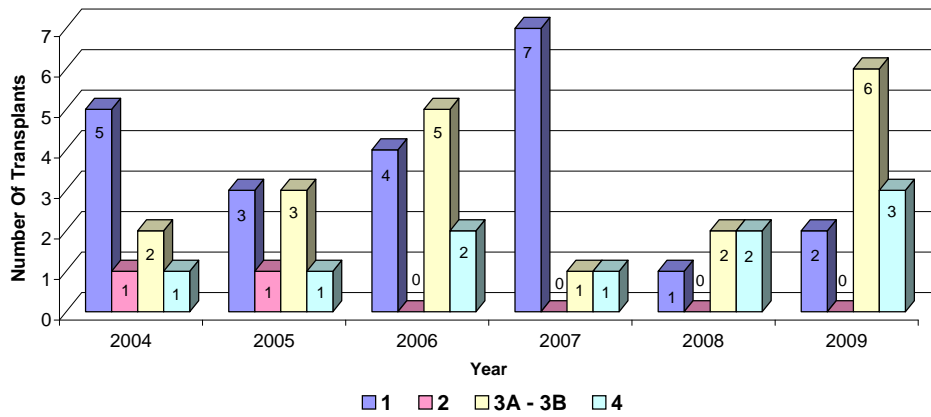
### Heart Transplants By Age At Transplant



**Heart Transplants by Primary Diagnosis**



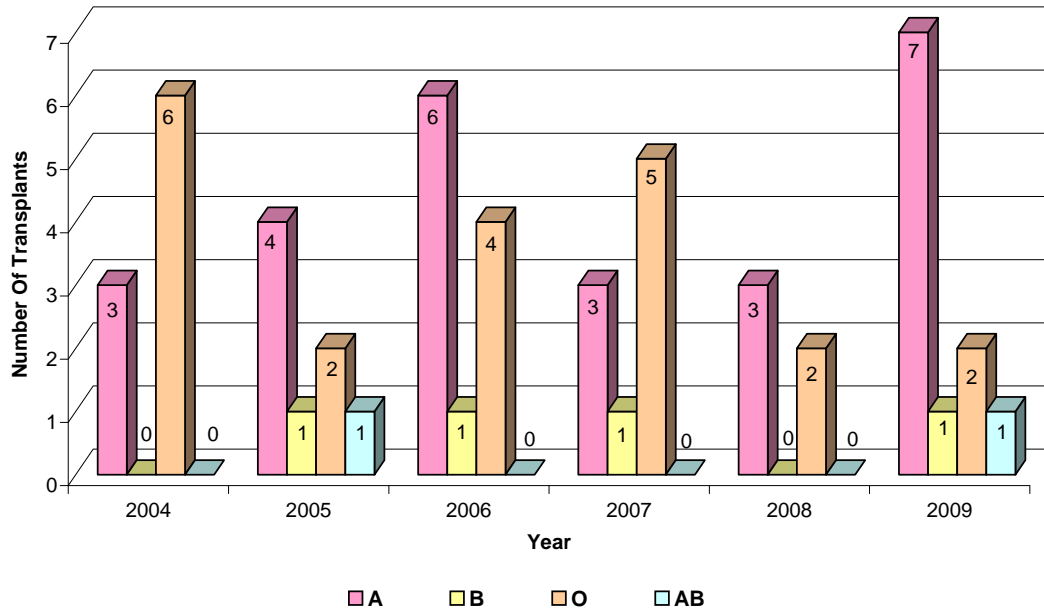
**Heart Transplants By Medical Status At Transplant**



\* 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 infusion 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*