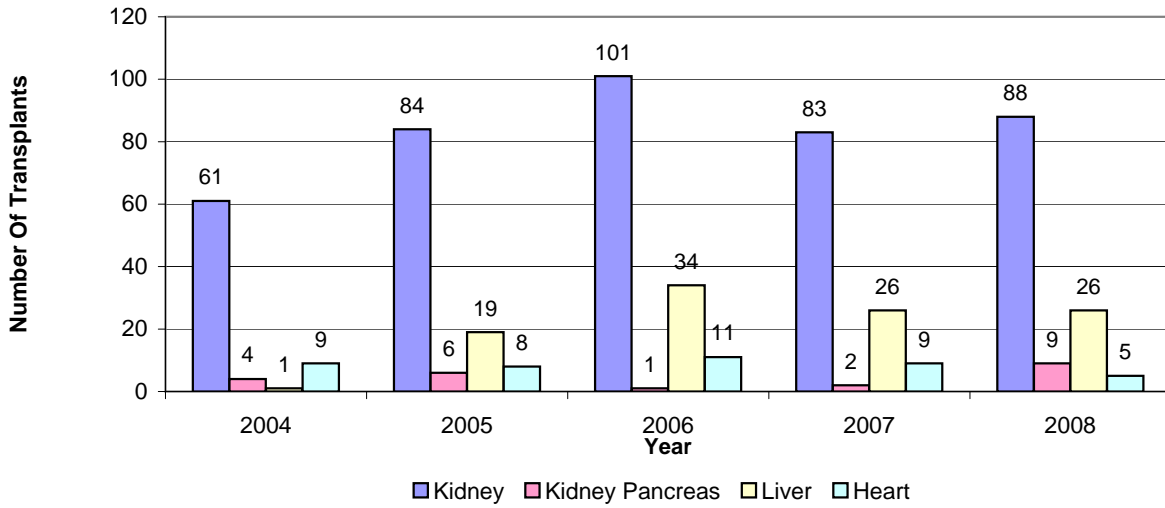
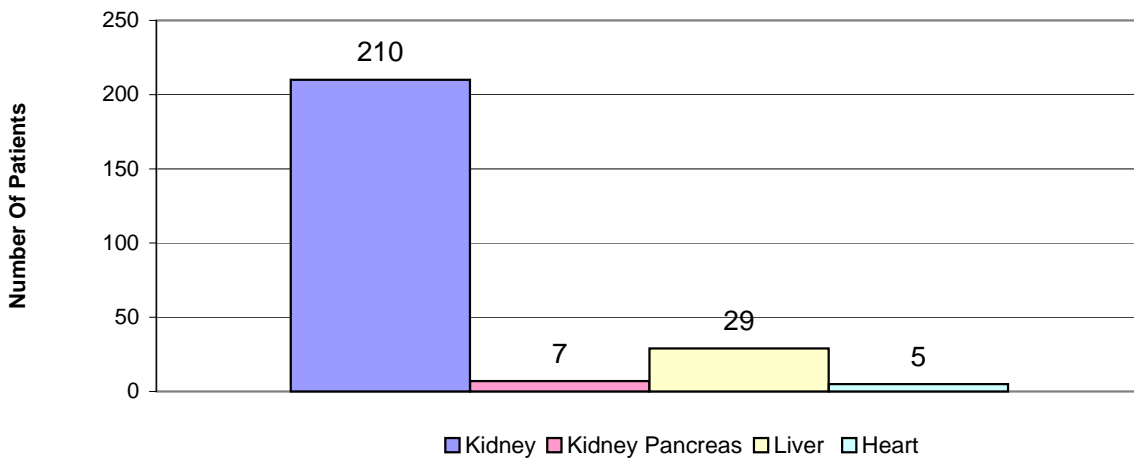


# 2008 Year In Review

## 2008 In Review

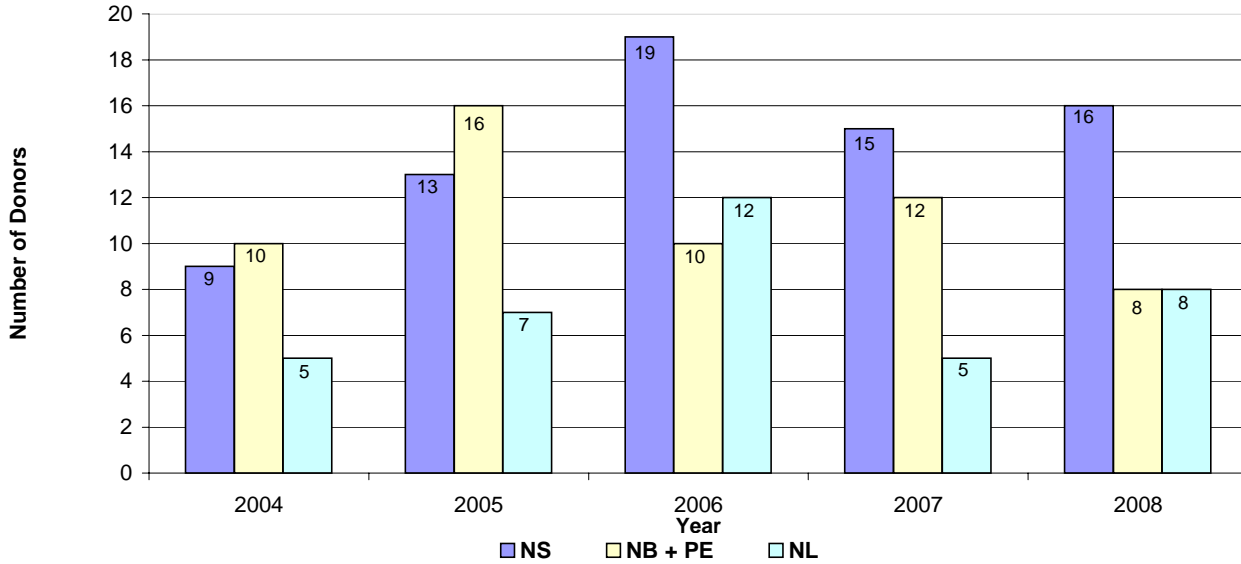


## Number of Patients on WaitList on 2008.12.31

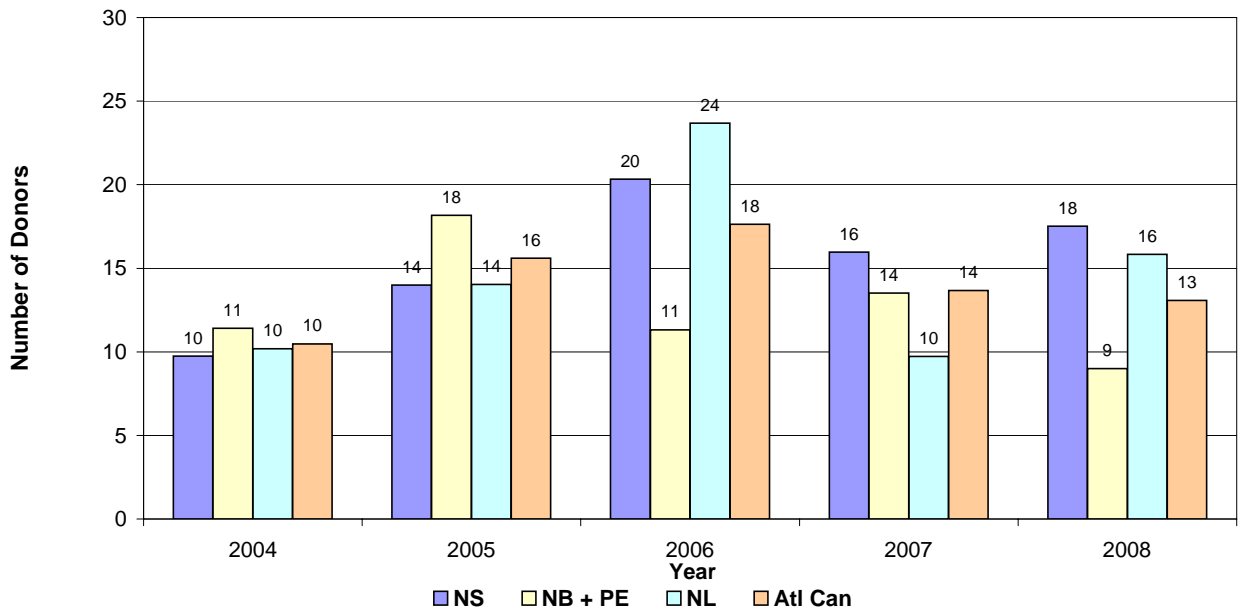


# Organ Donor Statistics

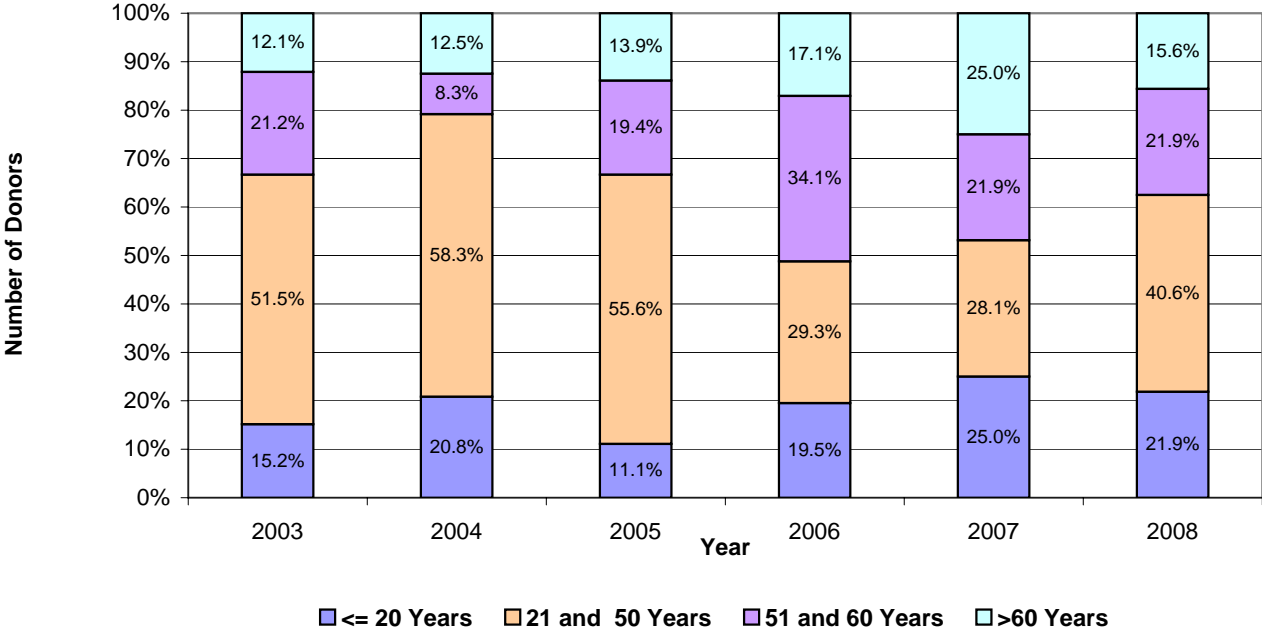
## Atlantic Canada DBD Donors by Reporting Province of Death



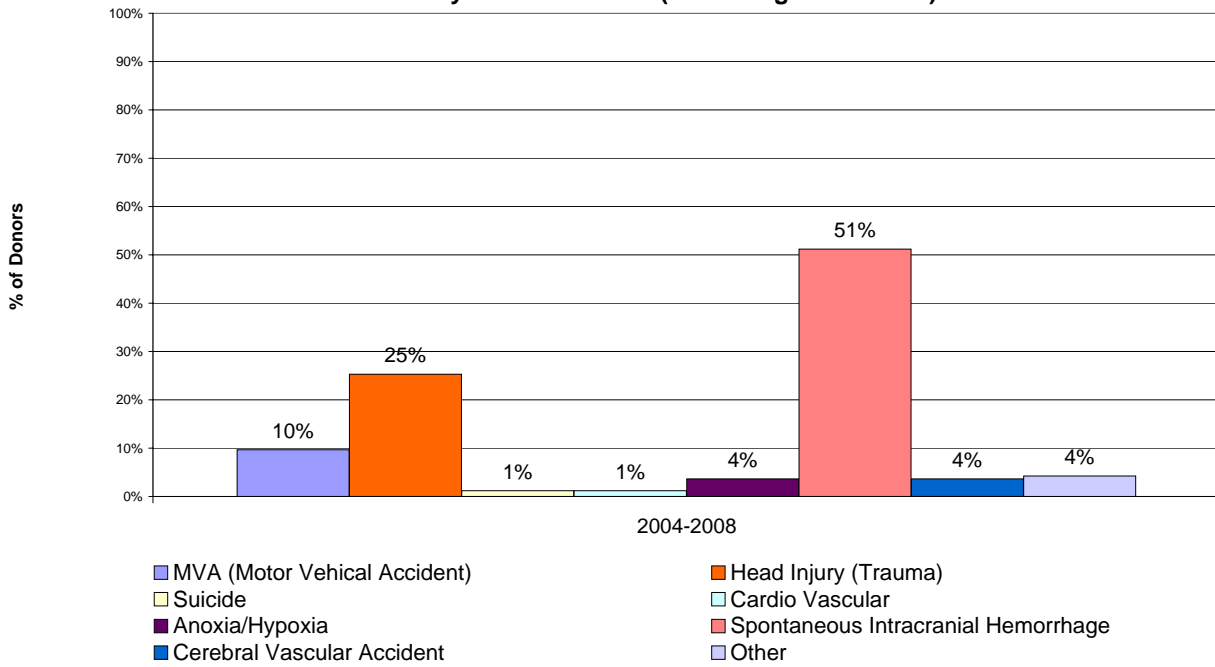
## Atlantic Canada DBD Donors Per Million by Province



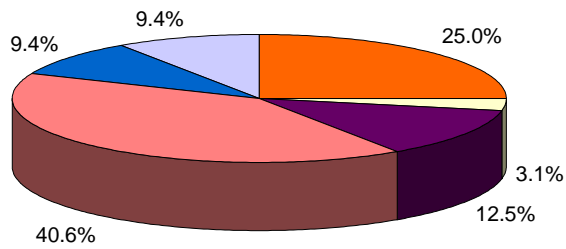
**DBD Donors by Age (in percentage)**



**DBD Donors by Cause of Death (Percentage 2004-2008) n=162**

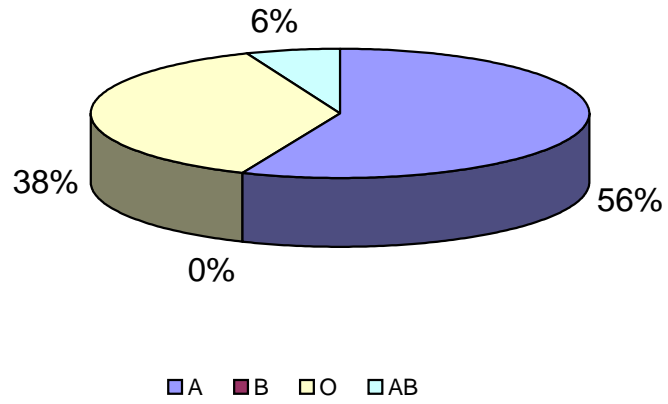


**DBD Donors by Cause Of Death (2008) n=32**

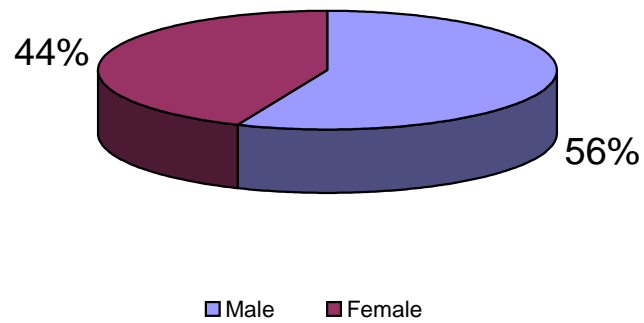


- |  |  |
|--|--|
| <span style="color: blue;">■</span> MVA (Motor Vehical Accident) | <span style="color: orange;">■</span> Head Injury (Trauma)             |
| <span style="color: yellow;">■</span> Suicide                    | <span style="color: cyan;">■</span> Cardio Vascular                    |
| <span style="color: purple;">■</span> Anoxia/Hypoxia             | <span style="color: red;">■</span> Spontaneous Intracranial Hemorrhage |
| <span style="color: blue;">■</span> Cerebral Vascular Accident   | <span style="color: lightblue;">■</span> Other                         |

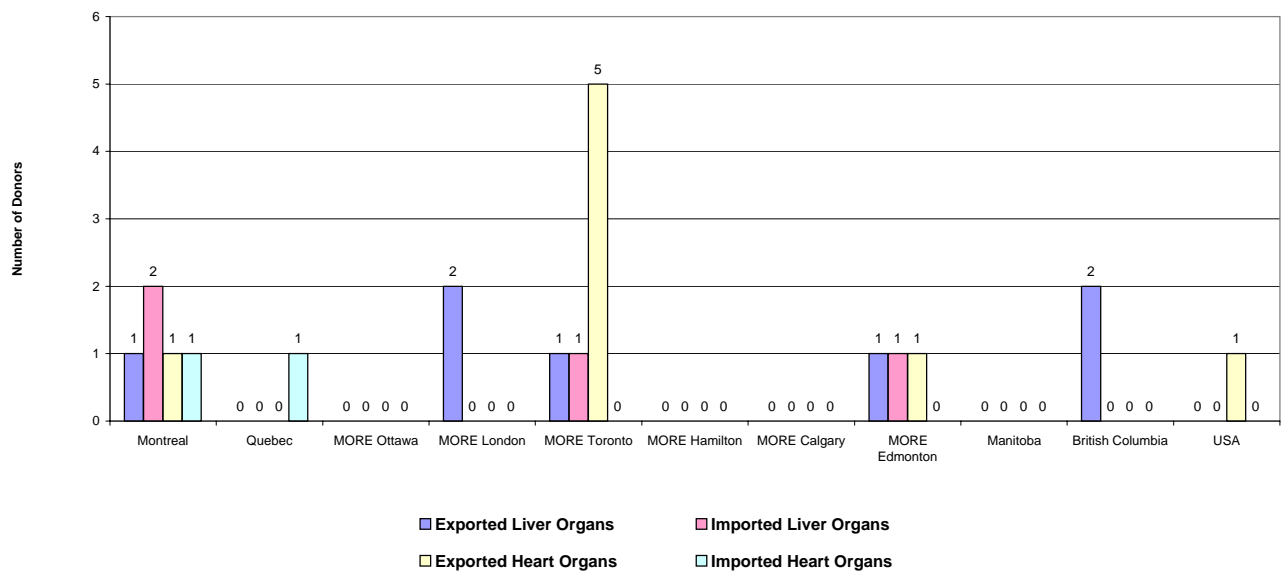
**DBD Donors by Blood Type (2008)**



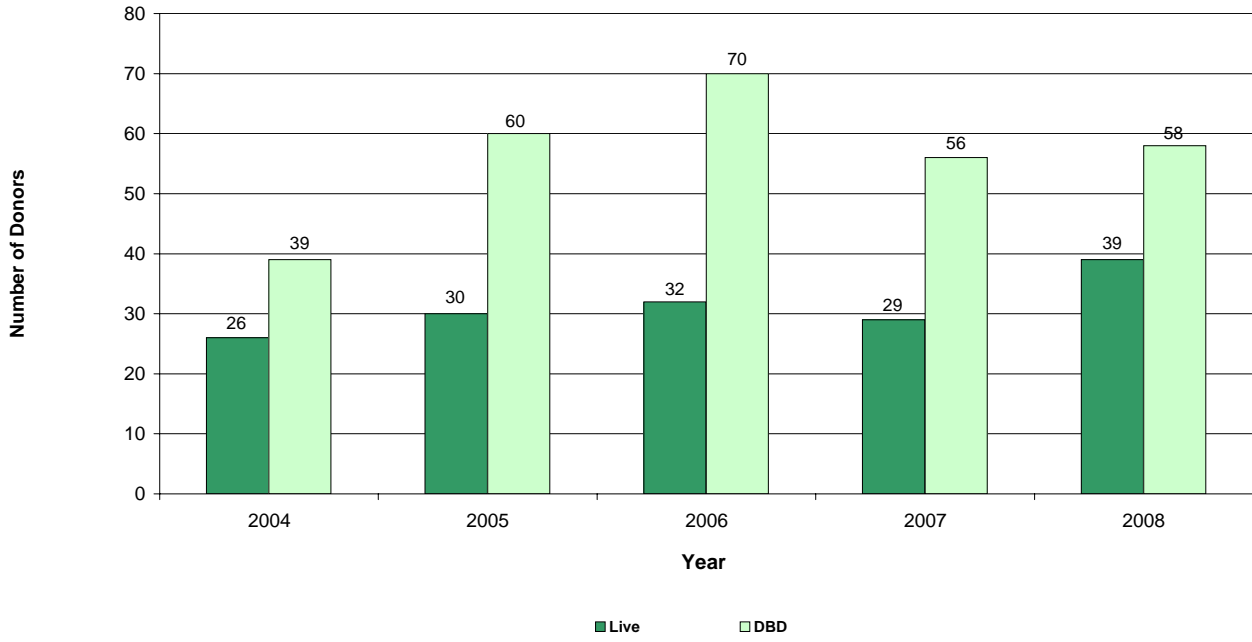
**DBD Donor by Gender (2008)**



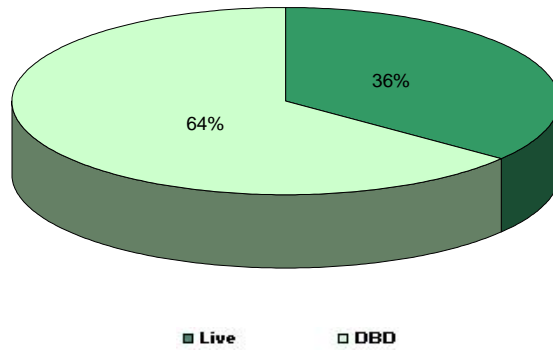
### DBD Donors Organs Exported / Imported (2008)



### Renal Transplants Live vs DBD

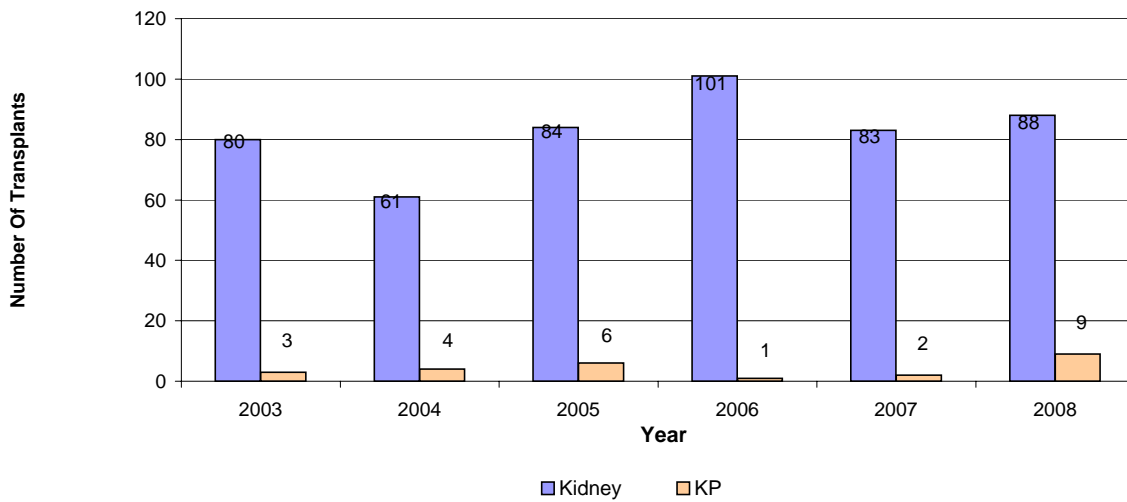


### Percentage Live Vs. DBD Donors

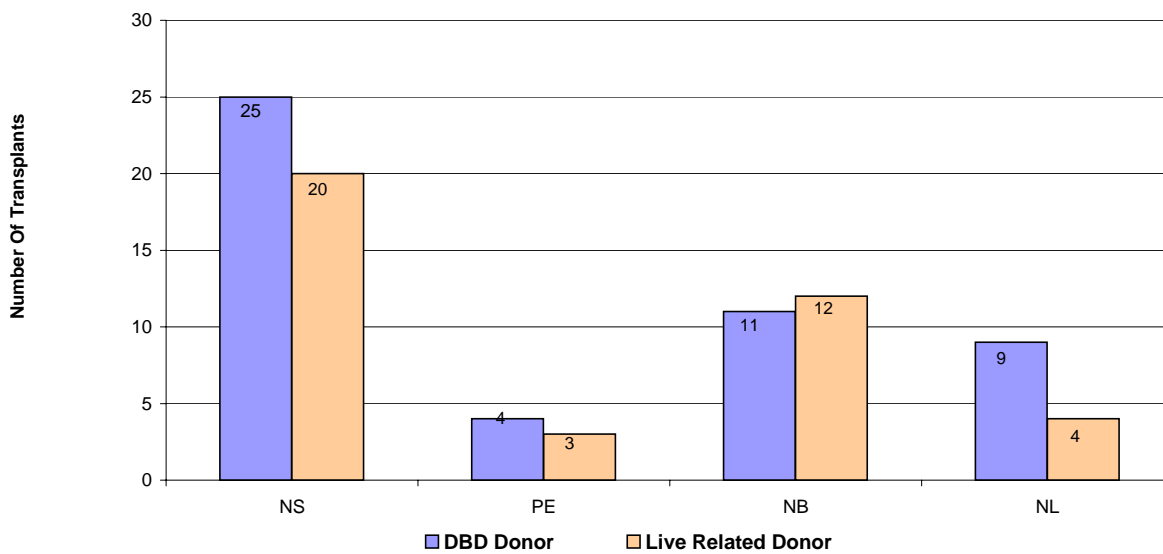


# Kidney / Kidney Pancreas Transplant Services

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

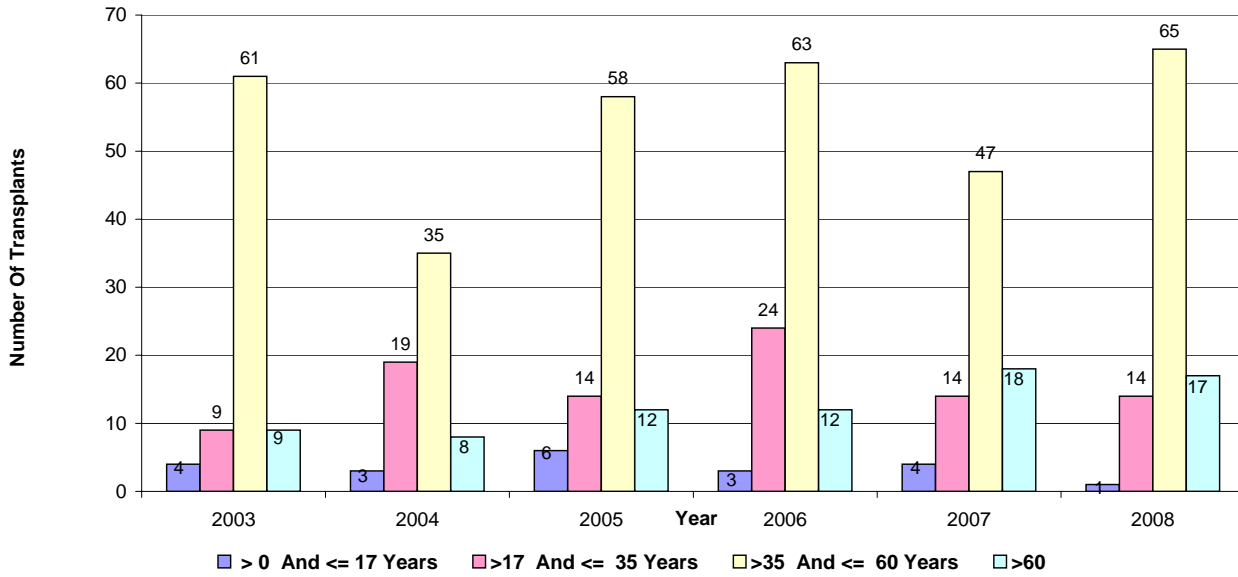


**2008 Atlantic Canada Kidney / Kidney Pancreas Transplant Recipients by Province**

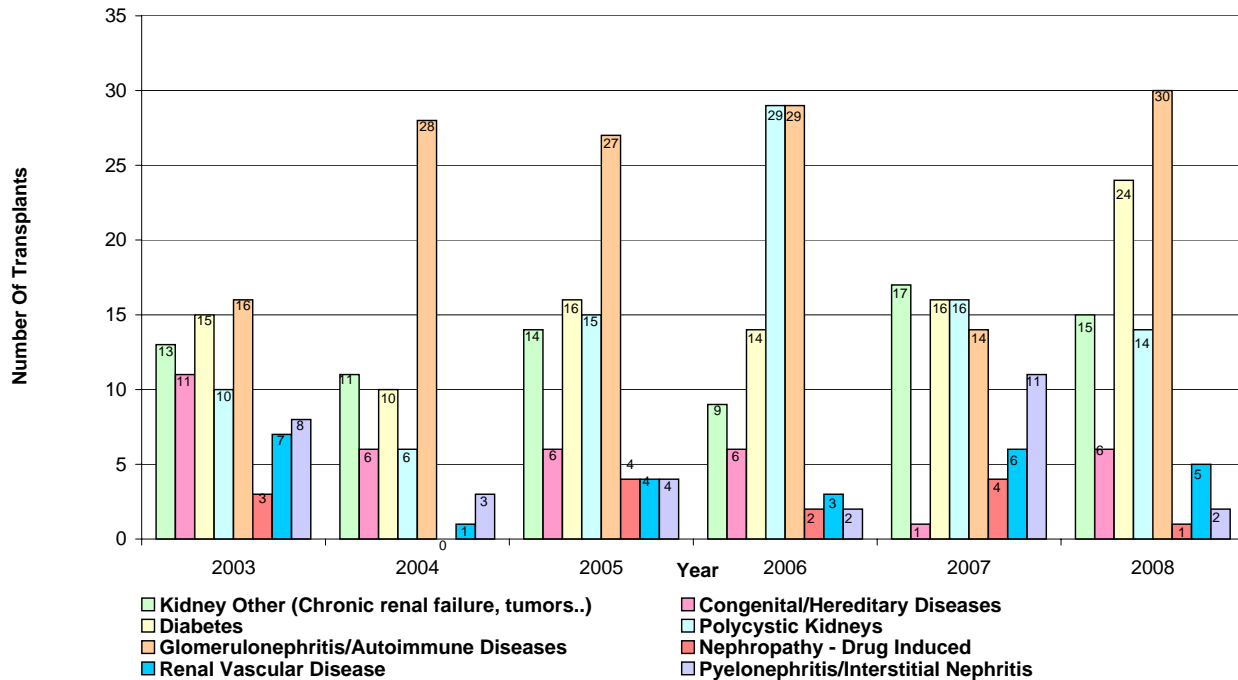




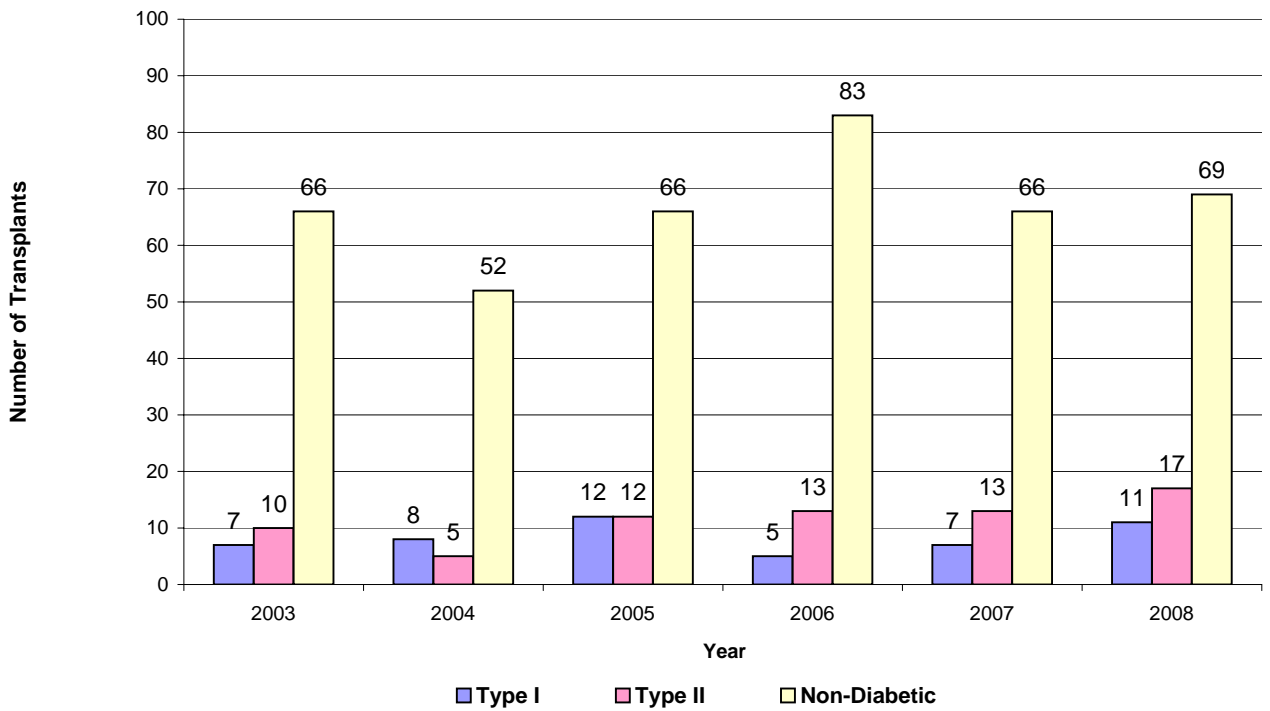
### Kidney / Kidney Pancreas Transplants By Age At Transplant



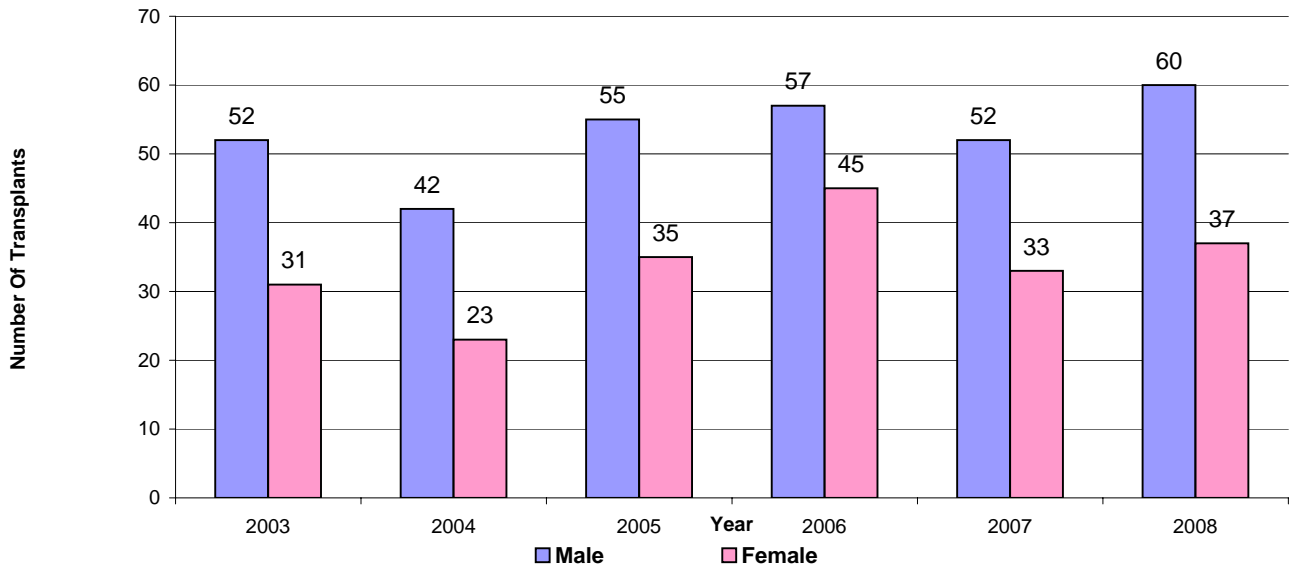
### Kidney / Kidney Pancreas Transplants by Primary Diagnosis Groups



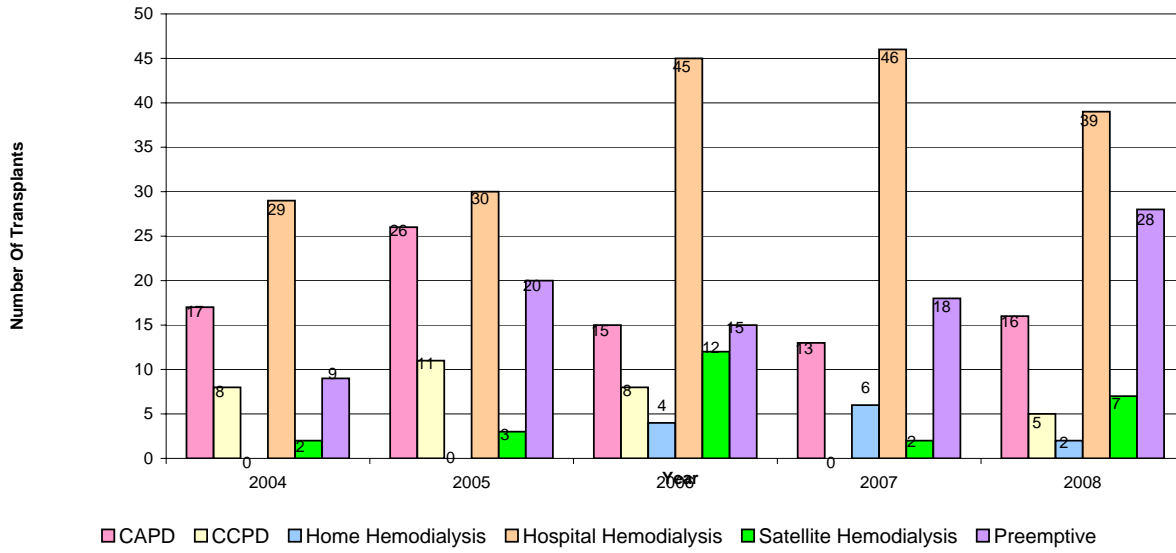
**Kidney / Kidney Pancreas Transplants  
Diabetes Type I, Type II and Non-Diabetic**



**Kidney / Kidney Pancreas Transplants By Gender**



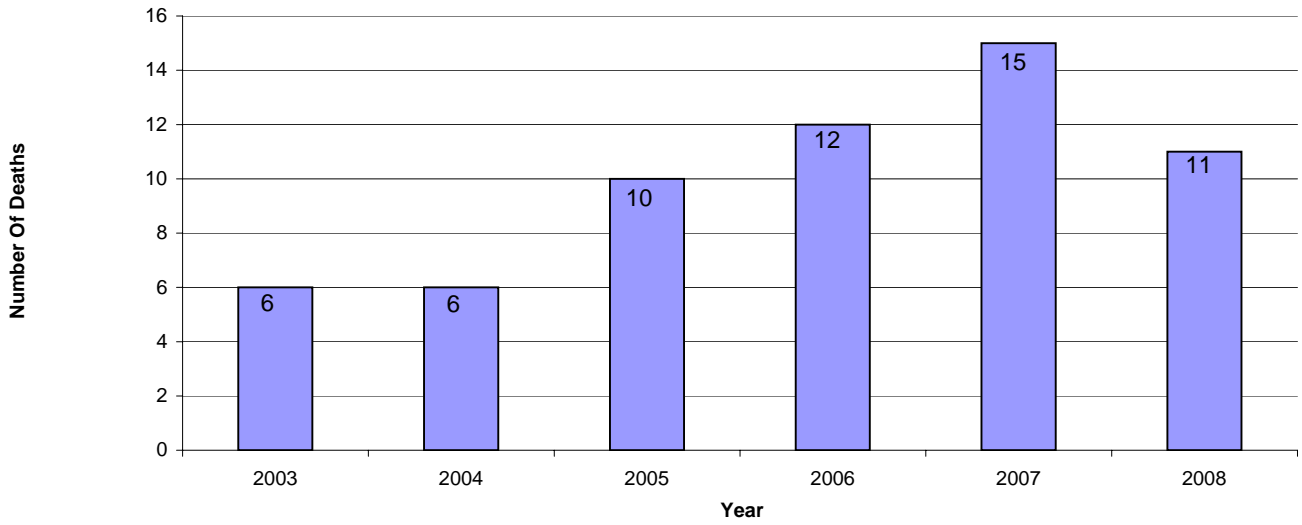
### Kidney / Kidney Pancreas Transplants by Dialysis Types



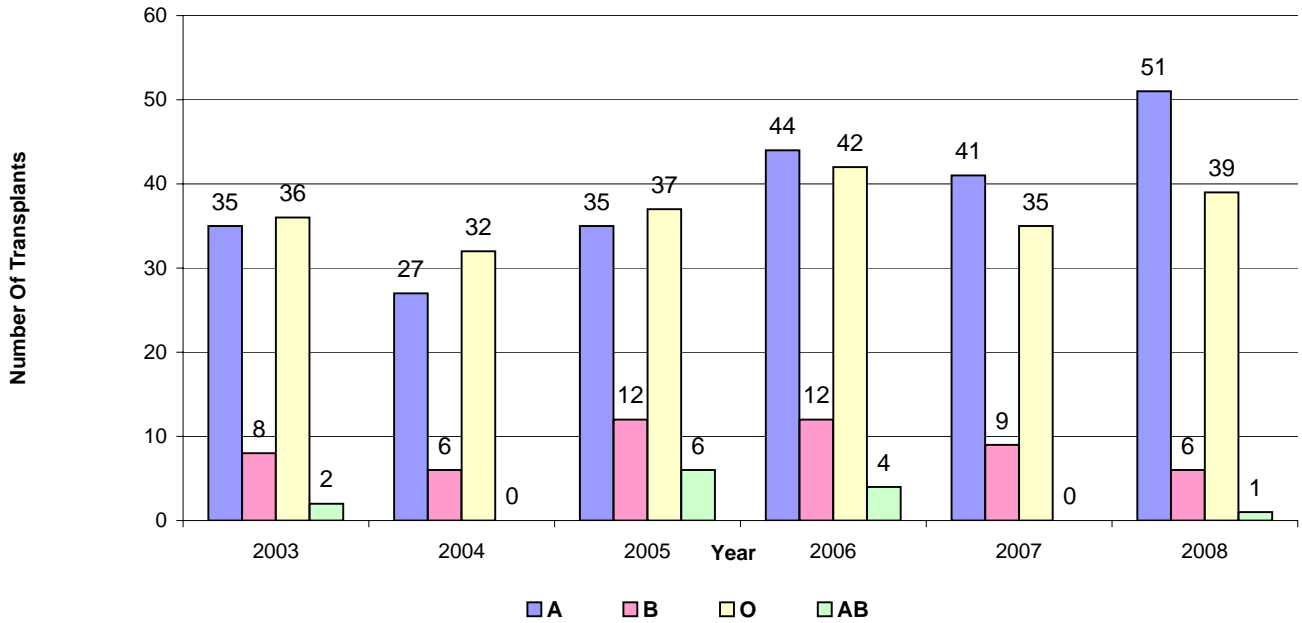
\* CAPD - Continuous Ambulatory Peritoneal Dialysis

\* CCPD - Chronic Cyclic Peritoneal Dialysis

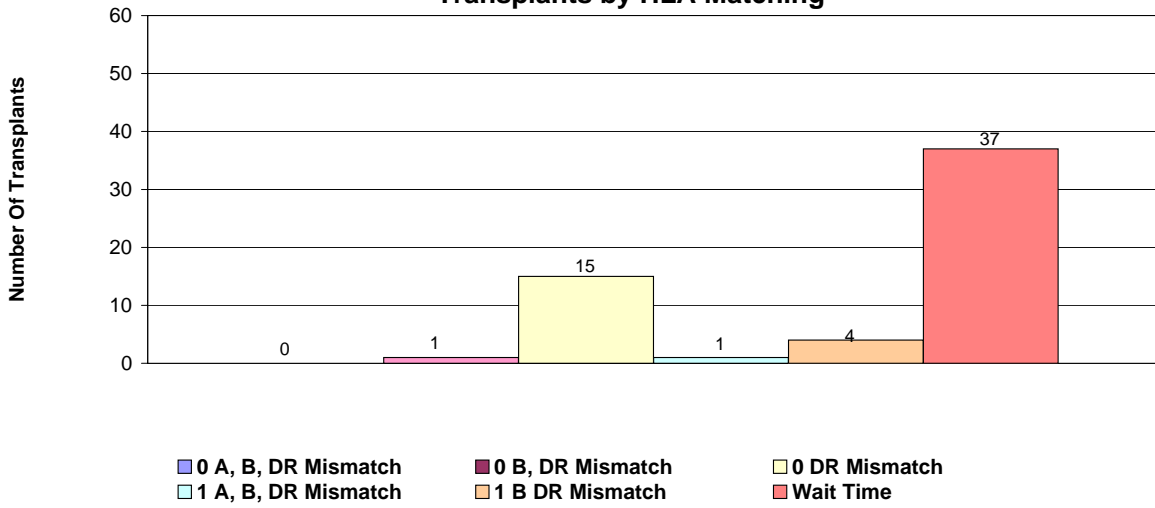
### Kidney/ Kidney Pancreas Wait List Deaths (Including Workups) in Atlantic Canada



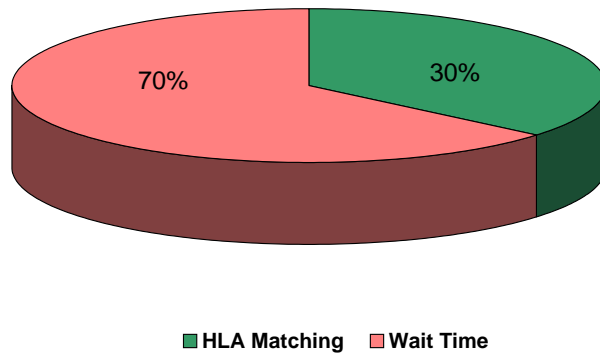
### Kidney / Kidney Pancreas Transplants By Blood Type



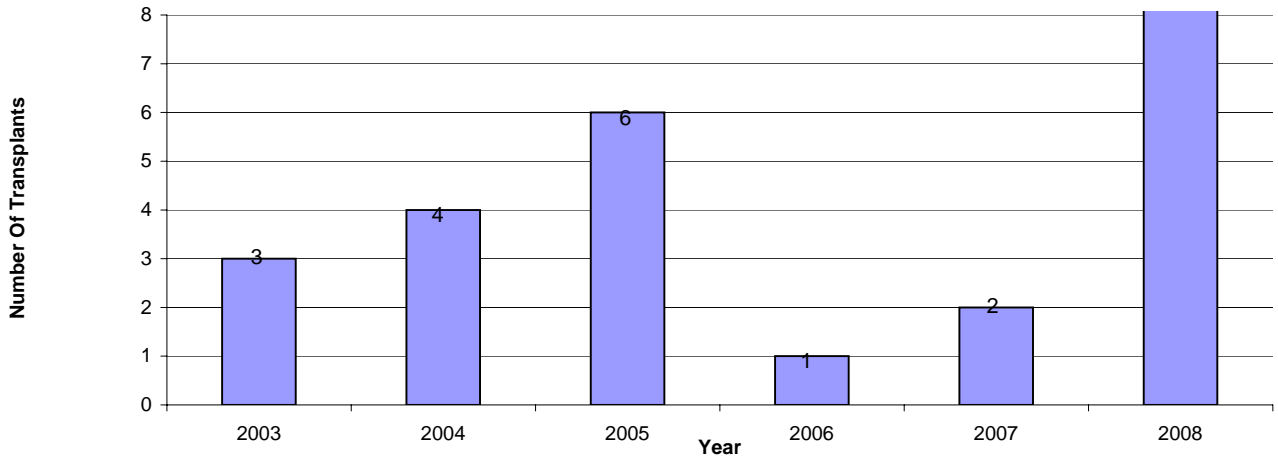
**Kidney / Kidney Pancreas  
2008 Deceased Donor  
Transplants by HLA Matching**



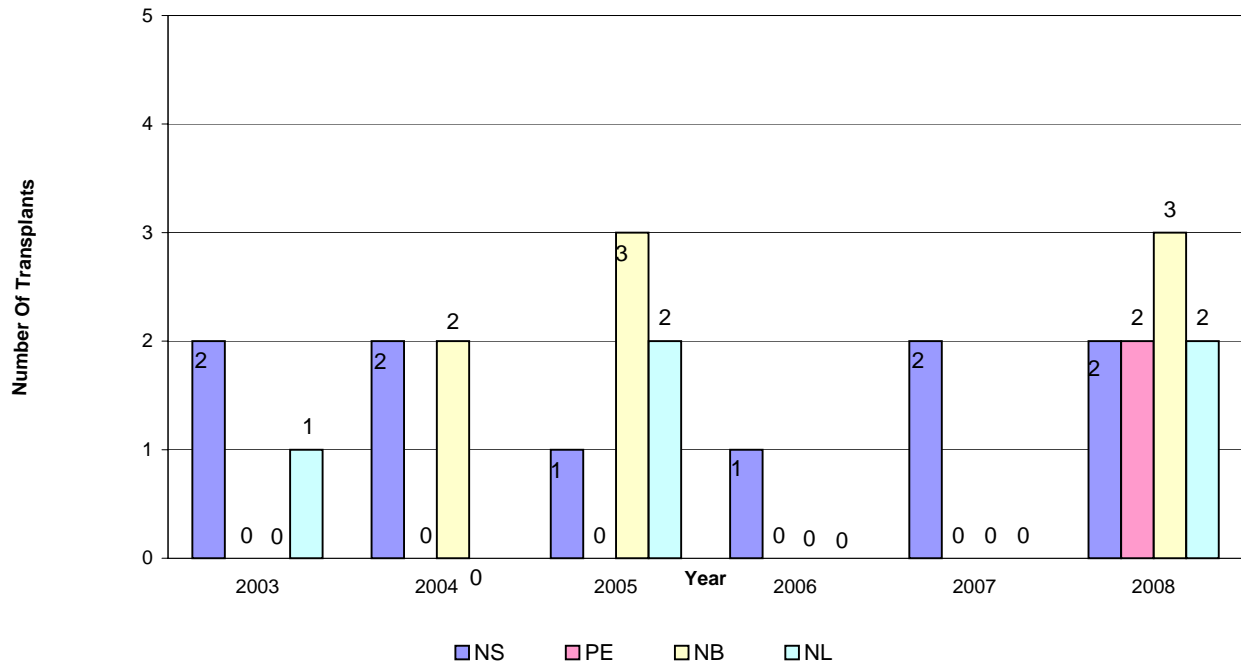
**Kidney / Kidney Pancreas 2008 DBD Donor  
Transplants (n=58) by HLA Matching vs Wait Time**



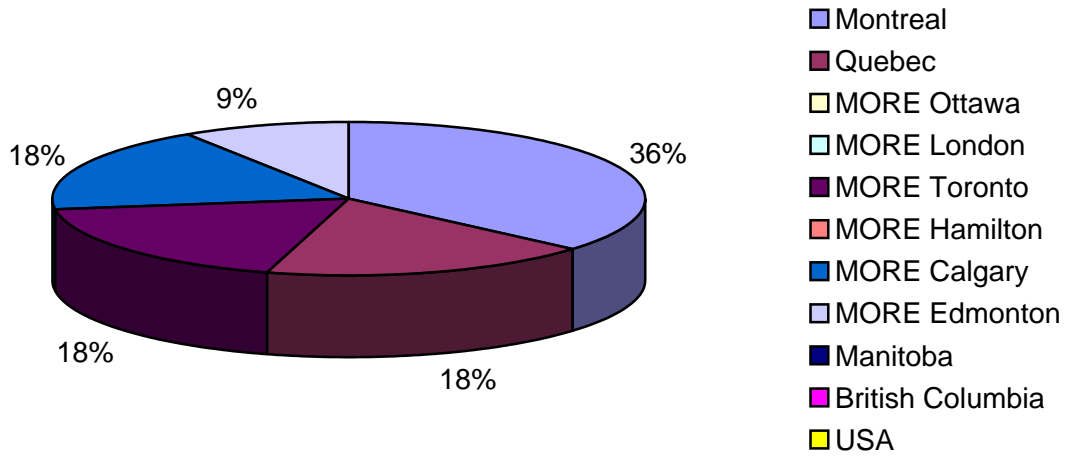
### Kidney Pancreas Transplants



### Kidney Pancreas Transplants By Province

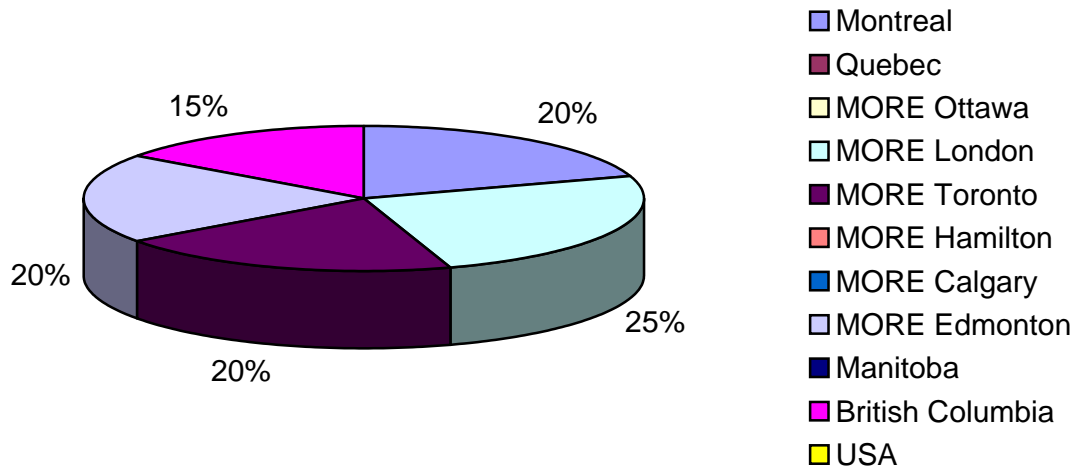


**Liver Allocation (Import for High Status 3F/4/4F)  
2004-2008**



\* See Appendix A for Medical Status Description

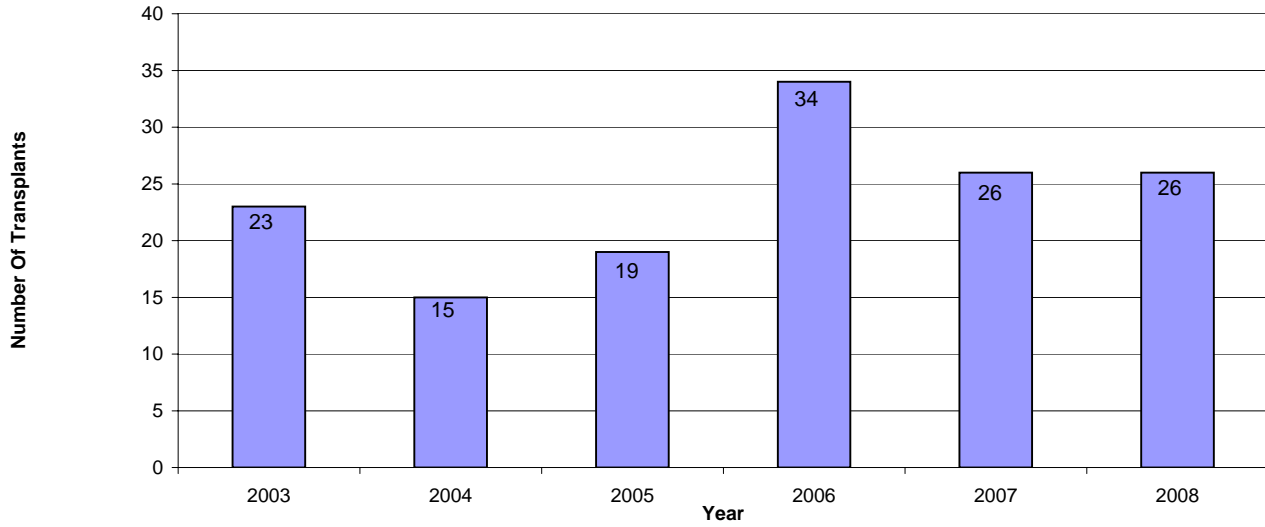
**Liver Allocation (Export for High Status 3F/4/4F)  
2004-2008**



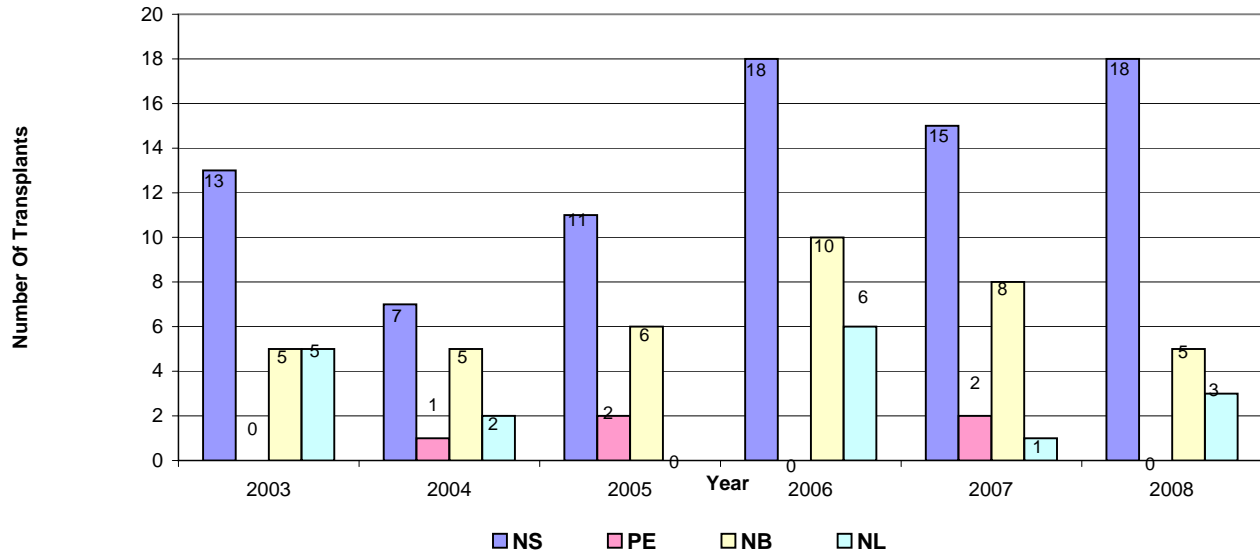
\* See Appendix A for Medical Status Description

# Liver Transplant Services

## Liver Transplants Performed for Atlantic Canada Recipients

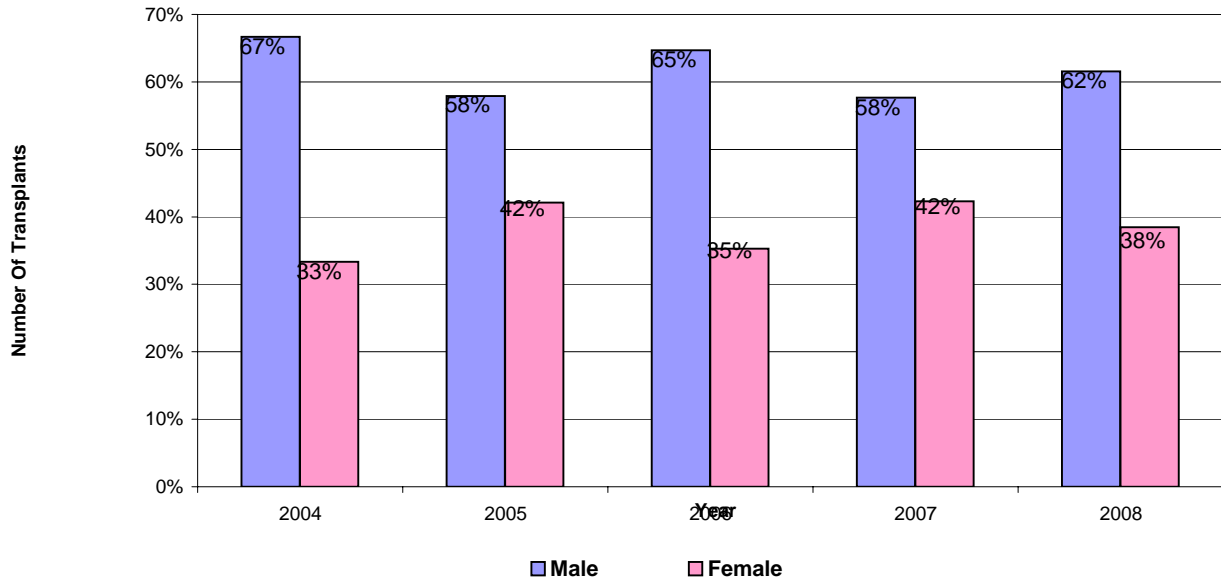


## Liver Transplants By Province

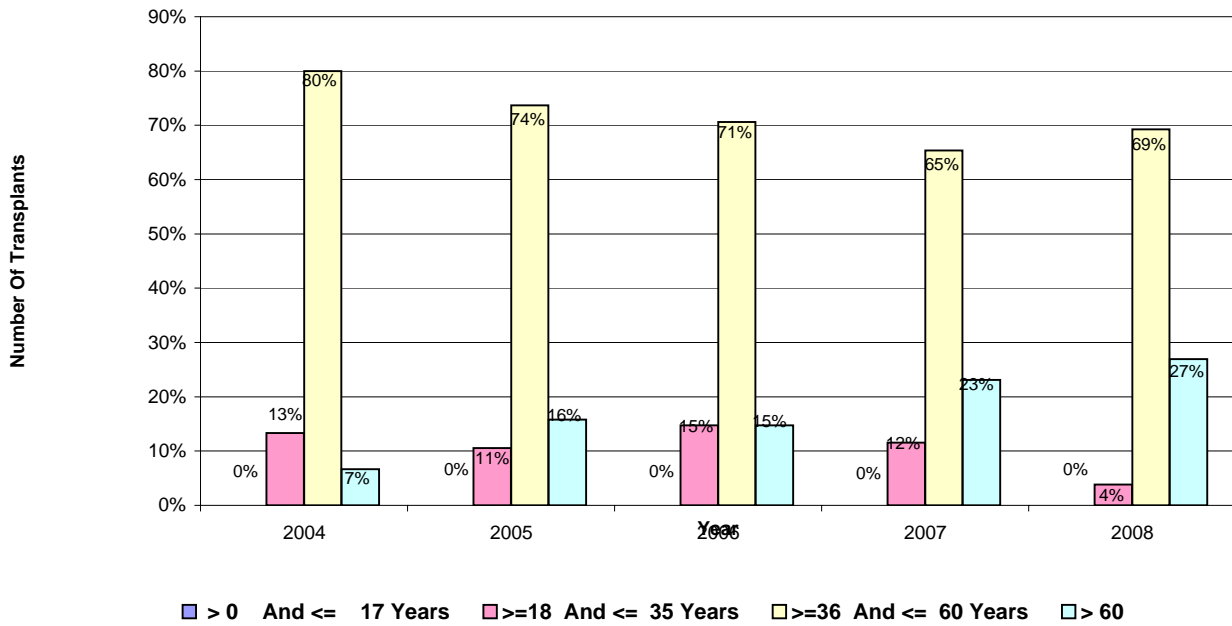




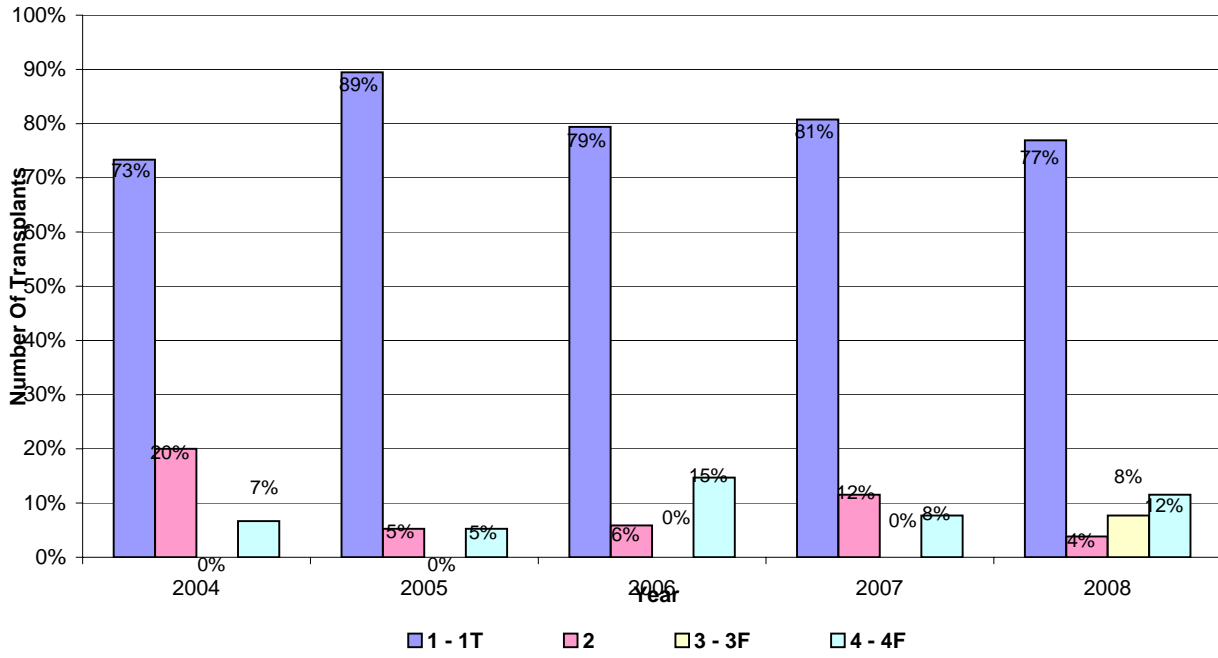
**Liver Transplants By Gender**



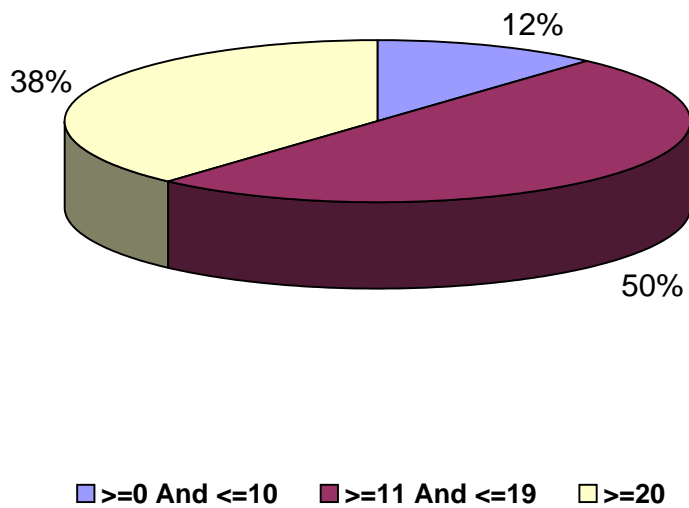
**Liver Transplants By Age At Transplant**



### Liver Transplants By Medical Status At Transplant

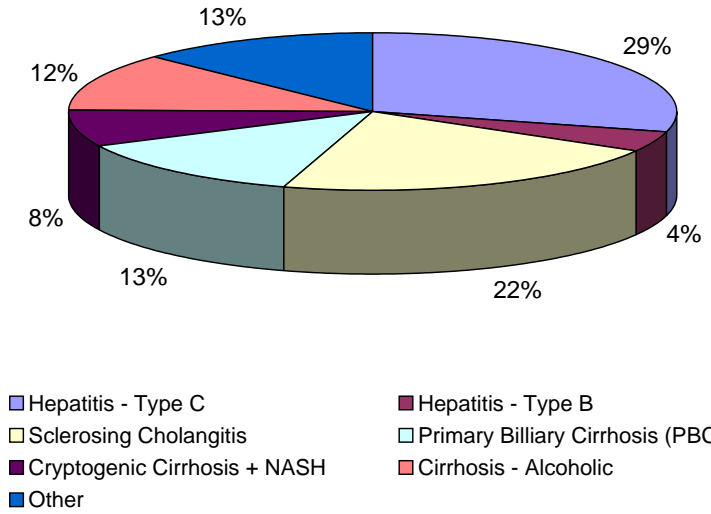


### 2008 Liver Patients MELD Score At Transplant

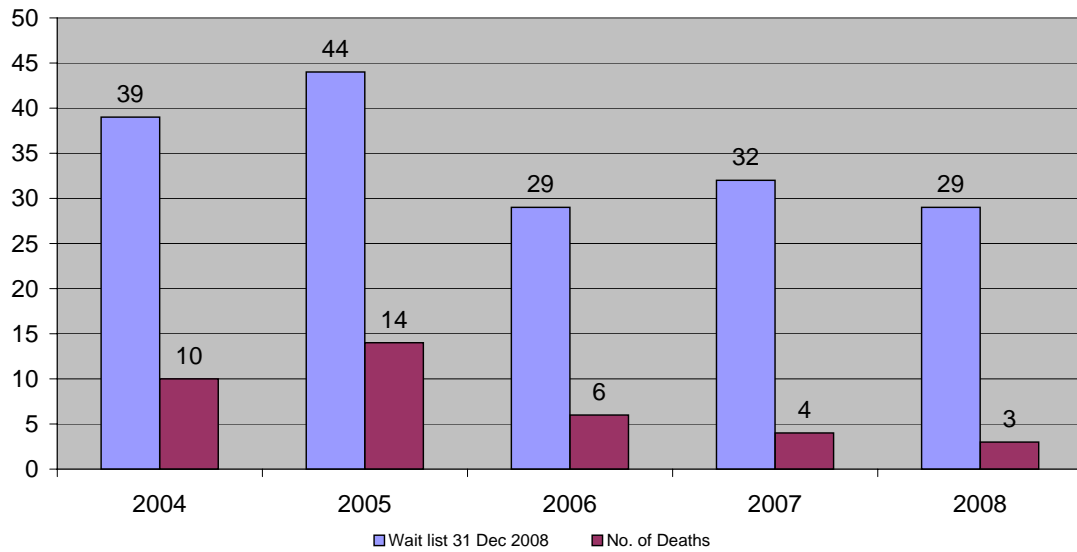


\* MELD = Model For End-Stage Liver Disease

### Indications for Liver Transplants by Primary Diagnosis 2004-2008

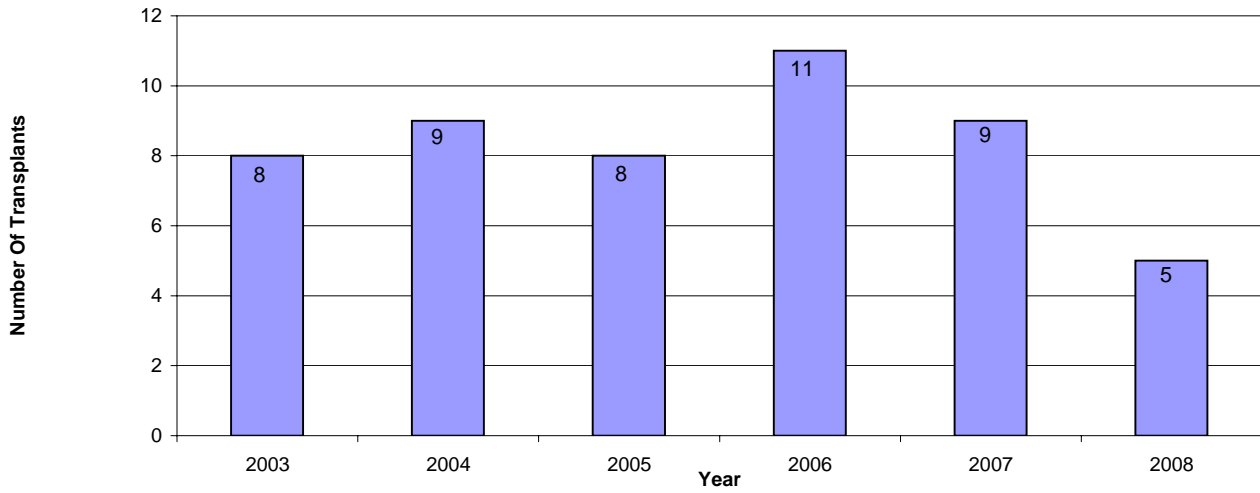


### Liver Patient Wait List Deaths

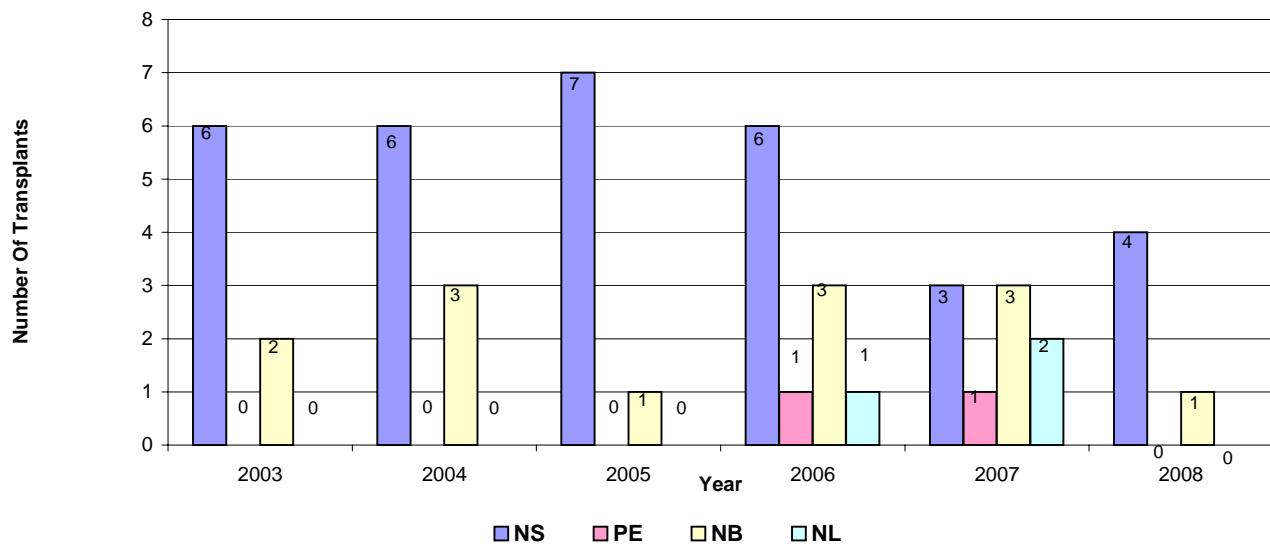


# Cardiac Transplant Services

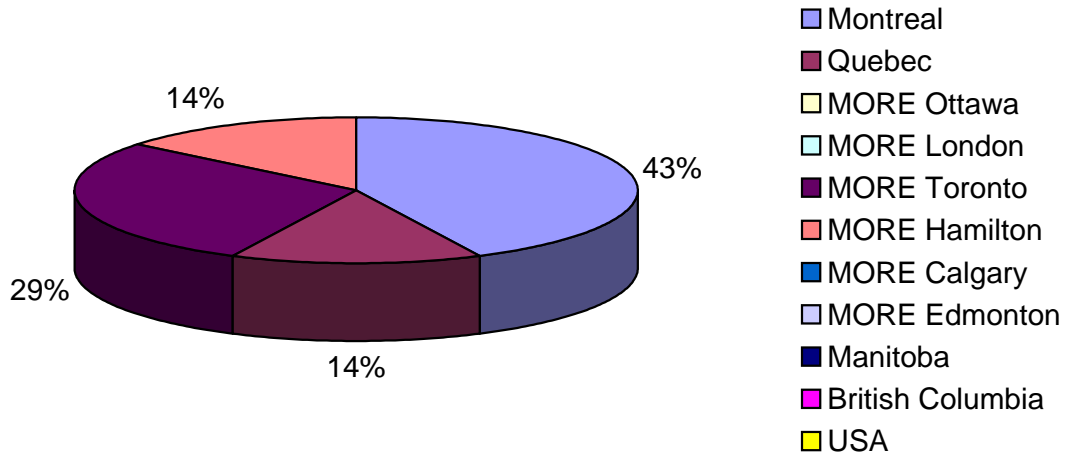
## Heart Transplants Performed for Atlantic Canada Recipients



## Heart Transplants By Province

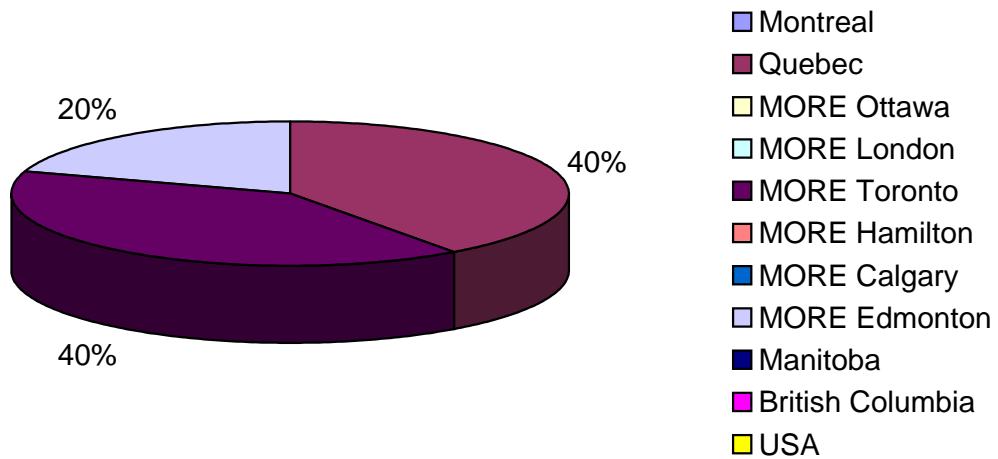


**Heart Allocation (Import for High Status)  
2004-2008**



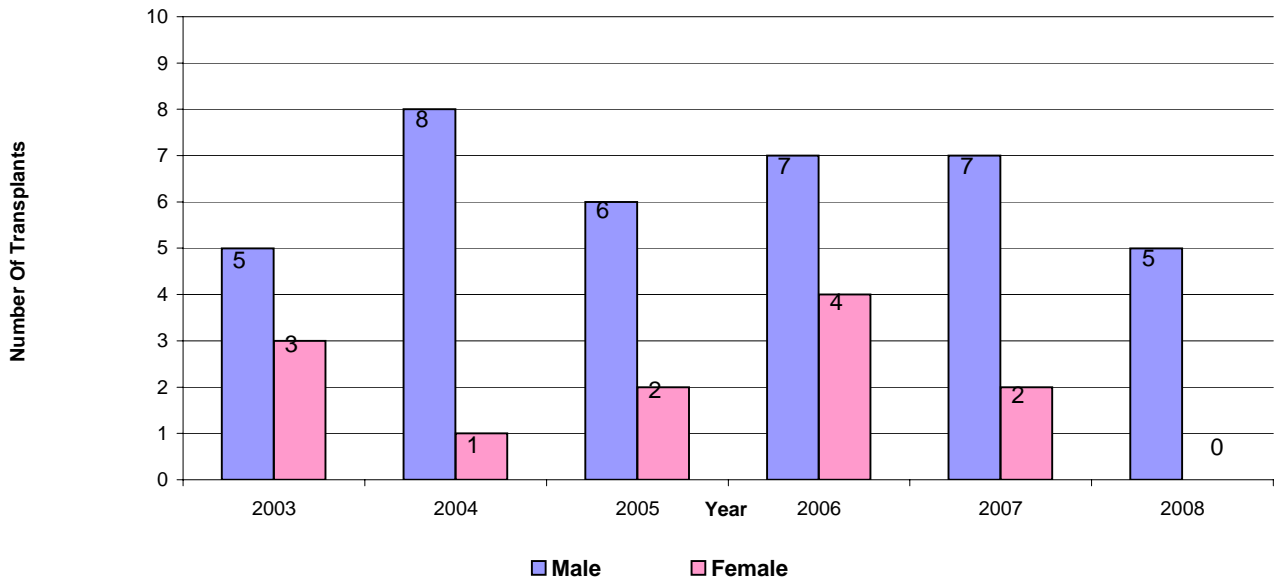
\* See Appendix A for Medical Status Description

**Heart Allocation (Export for High Status)  
2004-2008**

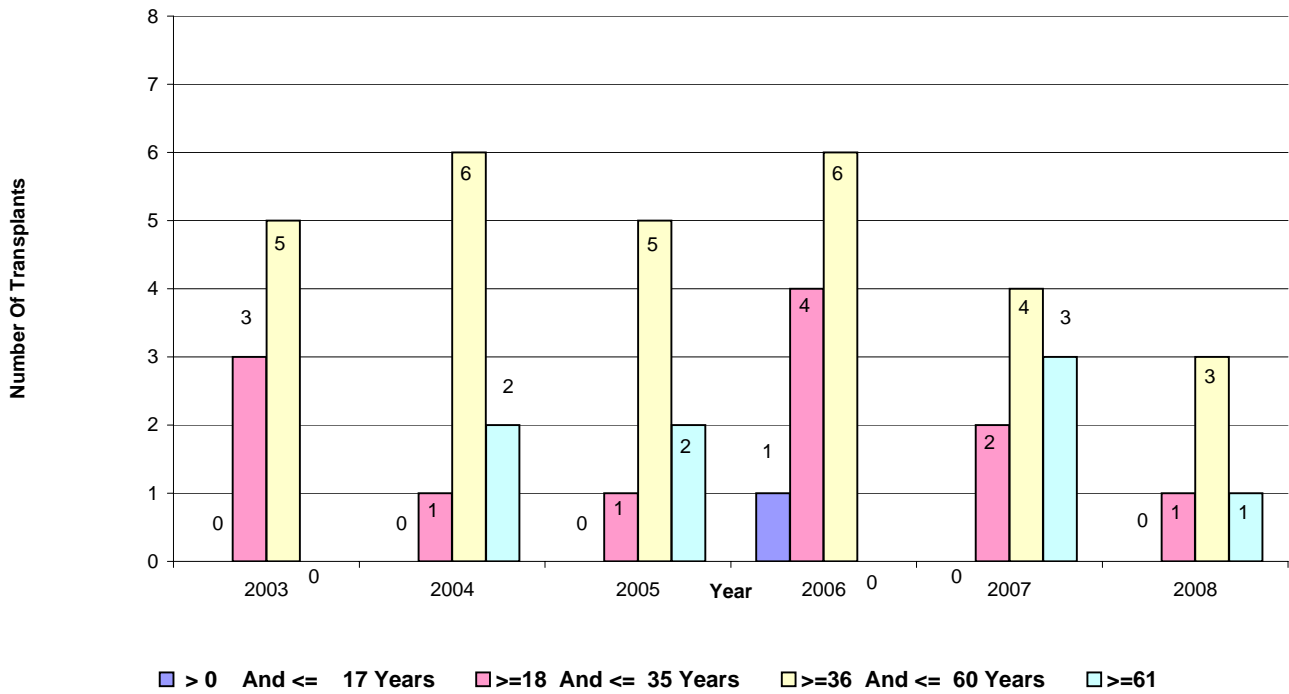


\* See Appendix A for Medical Status Description

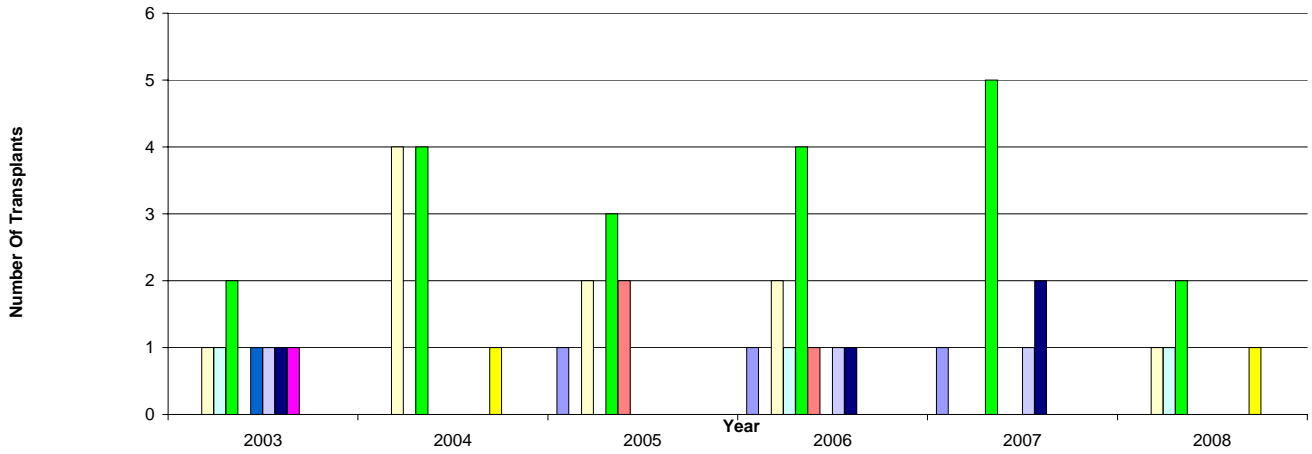
### Heart Transplants By Gender



### Heart Transplants By Age At Transplant



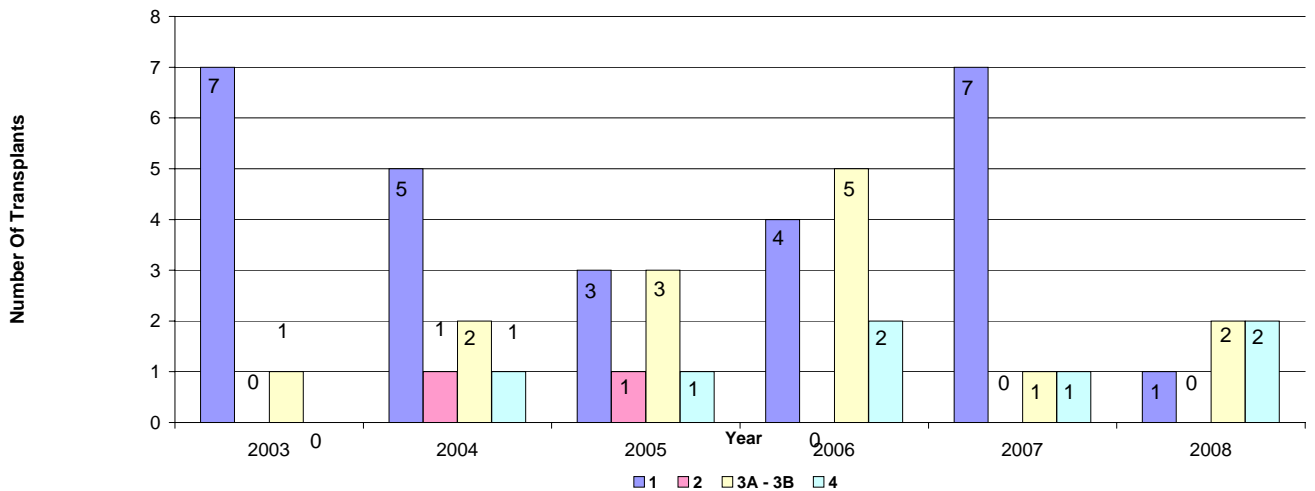
### Heart Transplants by Primary Diagnosis



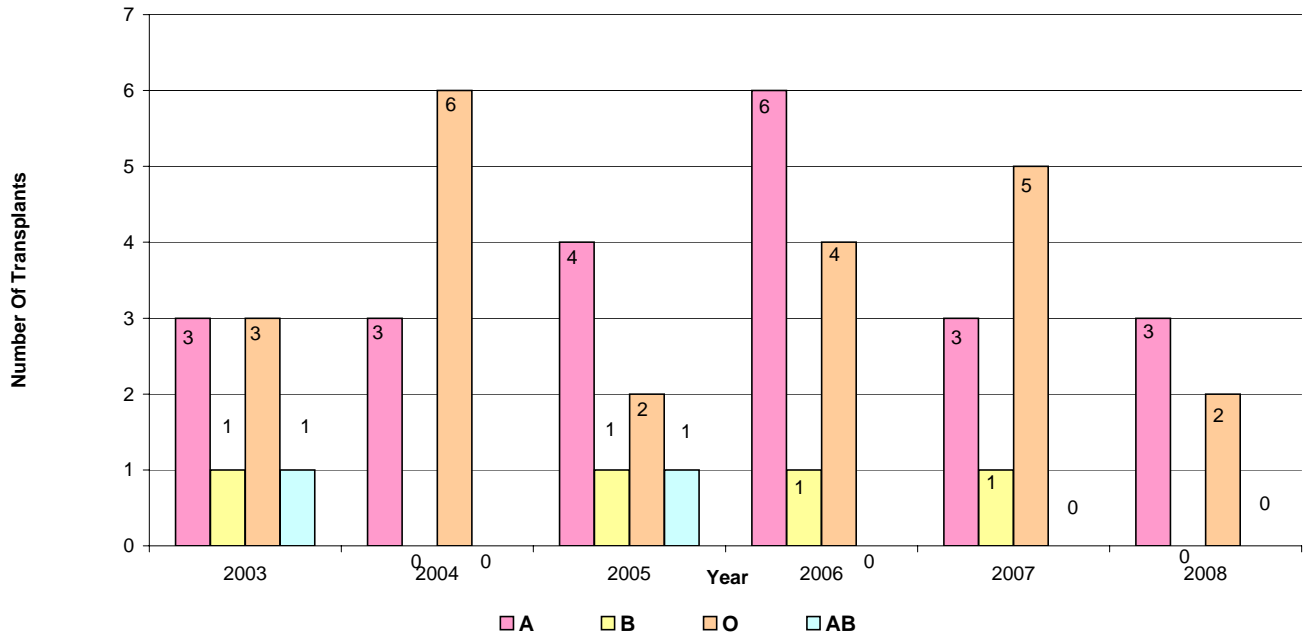
- Valvular Heart Disease: Severe Lv dysfunction
- Cardiogenic Shock
- Ischemic Heart Disease
- Congenital Heart Disease
- Dilated Cardiomyopathy (Viral...)
- Acute Myocardial Infarction
- Ischemic Cardiomyopathy
- Idiopathic Cardiomyopathy
- Hypertrophic Cardiomyopathy
- Restrictive Cardiomyopathy
- Arrhythmogenic Right Ventricle dysplasia
- Congenitive Heart Failure
- End Stage Biventricular Heart Failure
- Coronary Artery Disease

\* See Appendix A for Medical Status Description

### Heart Transplants By Medical Status At Transplant

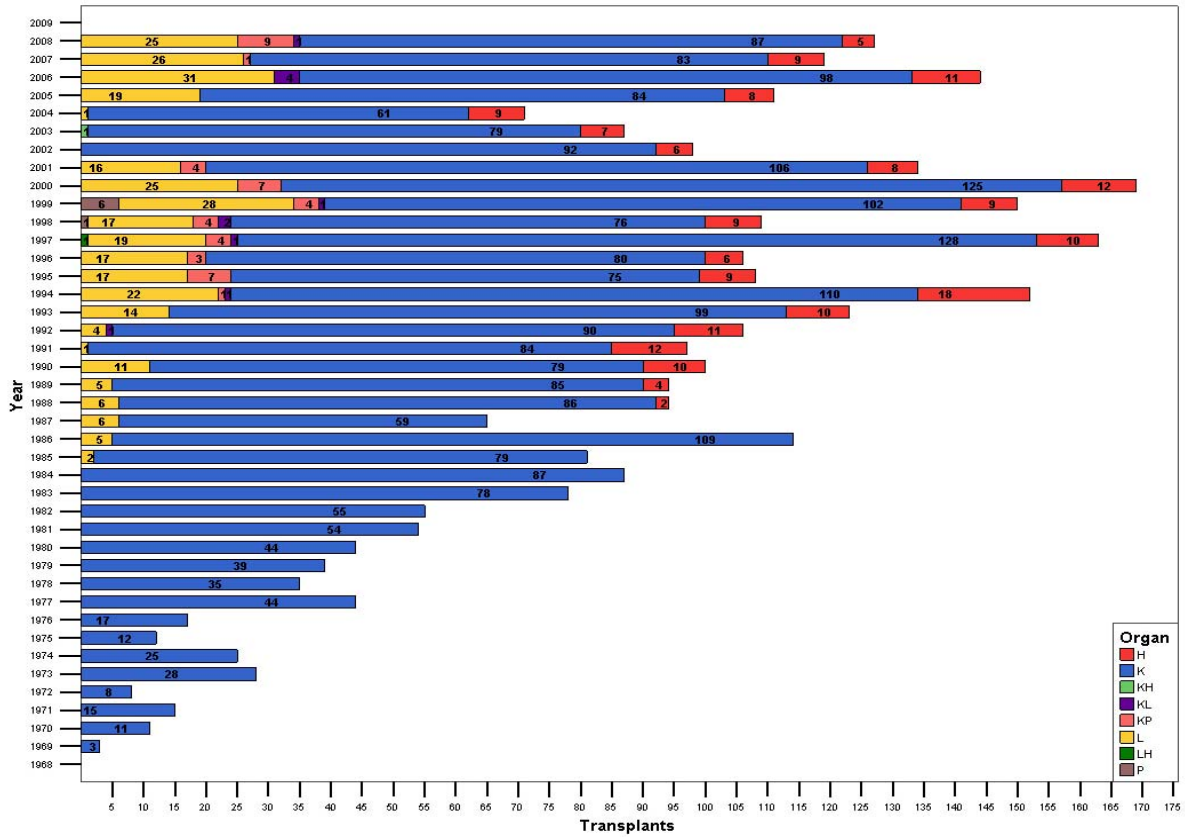


### Heart Transplants By Blood Type





## All Transplants done in QEII



Transplant Firsts in Nova Scotia	Year
First Kidney transplant in NS	1969
First parent-to-child living donor Kidney transplant in NS	1969
First adult-to-adult Non - Related living donor Kidney transplant in NS	1980
First Liver transplant in NS	1985
First Heart transplant in NS	1988
First pediatric Heart transplant in NS	1990
First Kidney/Liver transplant in NS	1992
First Kidney/Pancreas transplant in NS	1994
First pediatric Liver transplant in NS	1994
First Heart/Liver transplant in NS	1997
First single Pancreas Transplant in NS	1998
First Kidney/Heart transplant in NS	2003

## 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.

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.

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:</p> $\text{MELD Score} = 0.957 \times \text{Loge}(\text{creatinine mg/dL}) + 0.378 \times \text{Loge}(\text{bilirubin mg/dL}) + 1.120 \times \text{Loge}(\text{INR}) + 0.643^*$ <p>Multiply the score by 10 and round to the nearest whole number.</p>

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