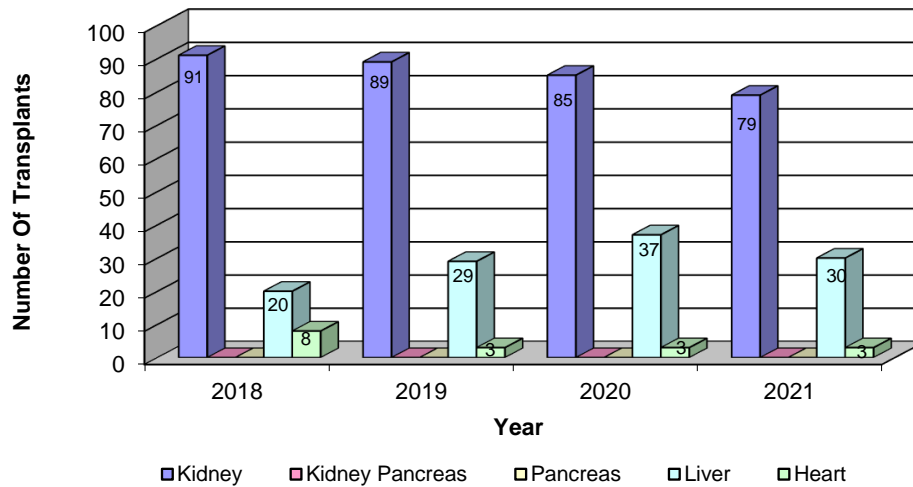
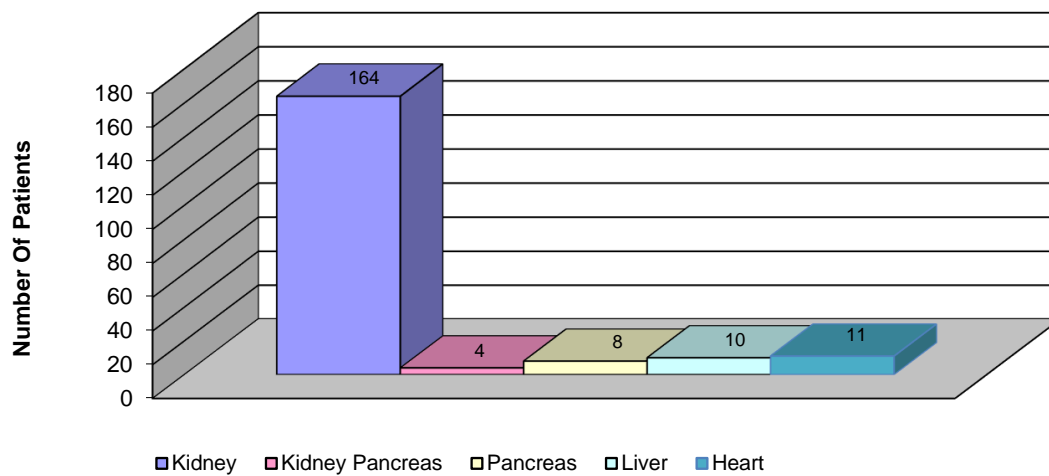


2021 Year End Review

2021 Transplants

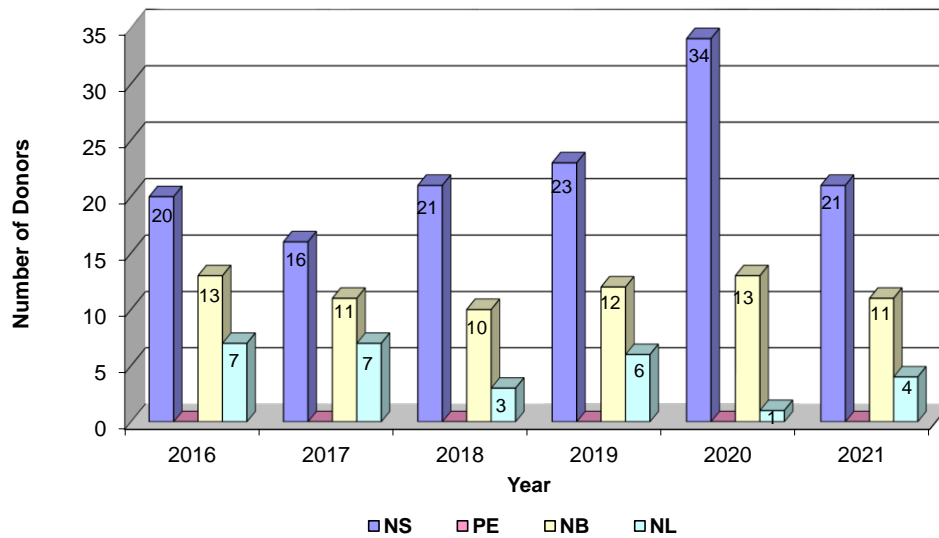


Number of Patients on Wait list as of 2021.12.31

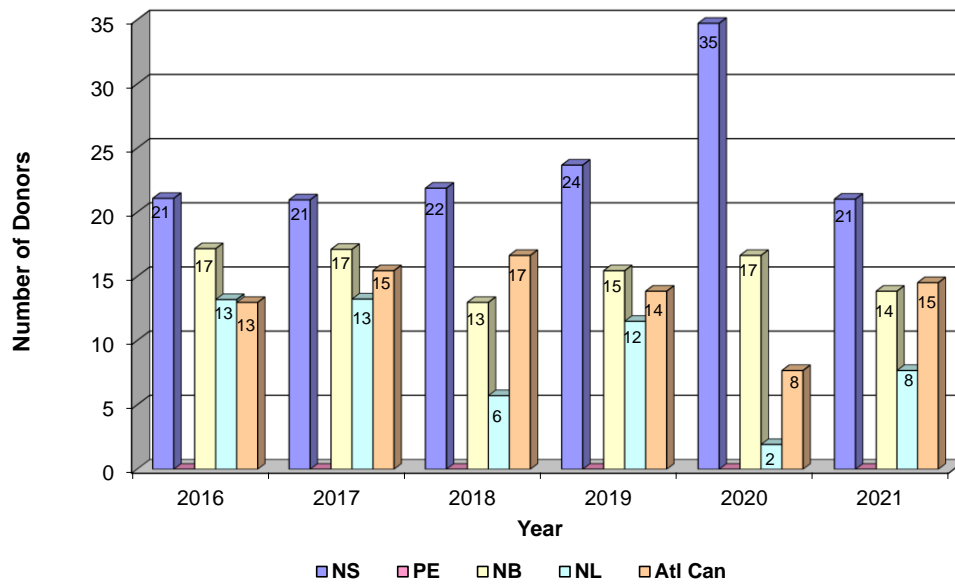


Organ Donor Statistics

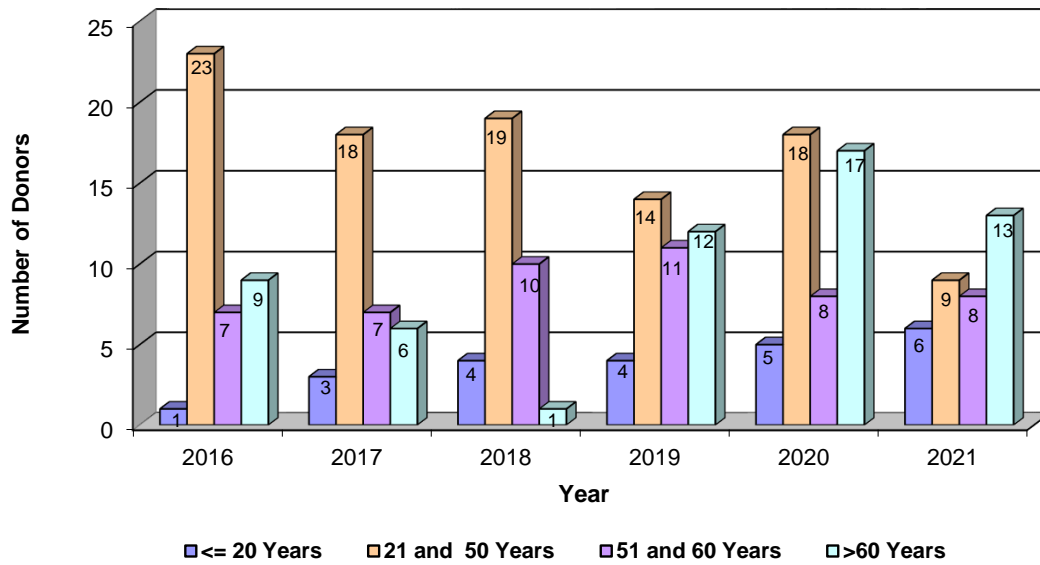
Atlantic Canada Cadaveric Donors by Reporting Province of Death



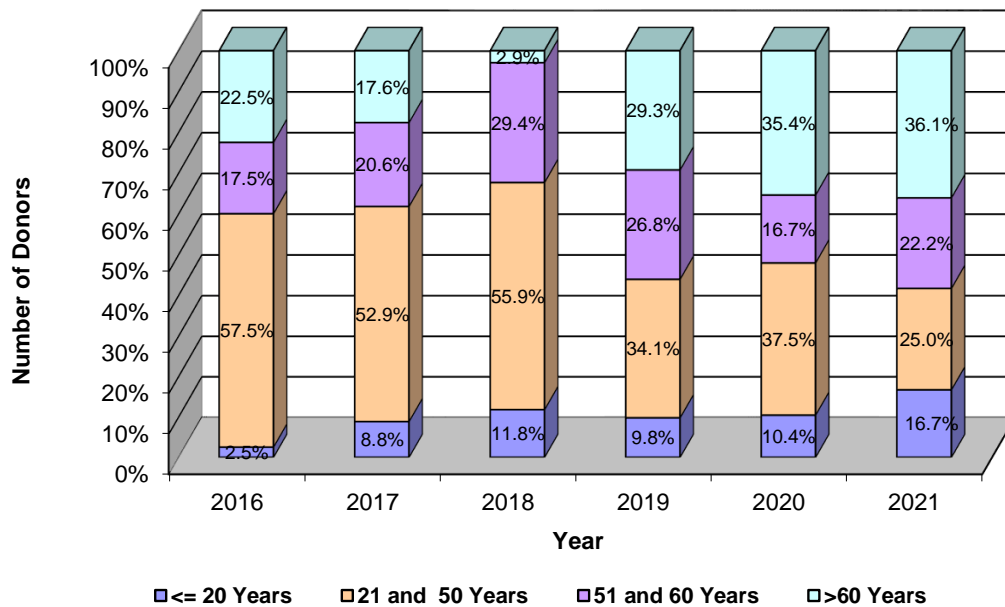
Atlantic Canada Cadaveric Donors Per Million by Province



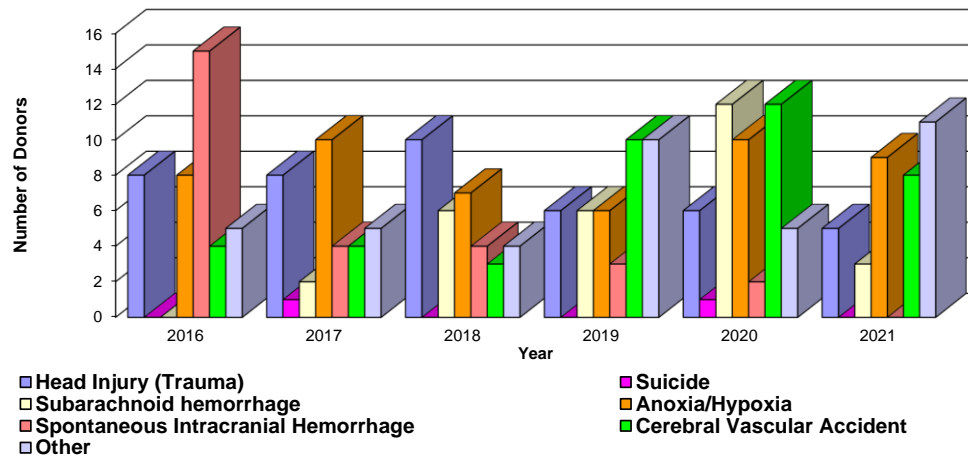
Cadaveric Donors by Age



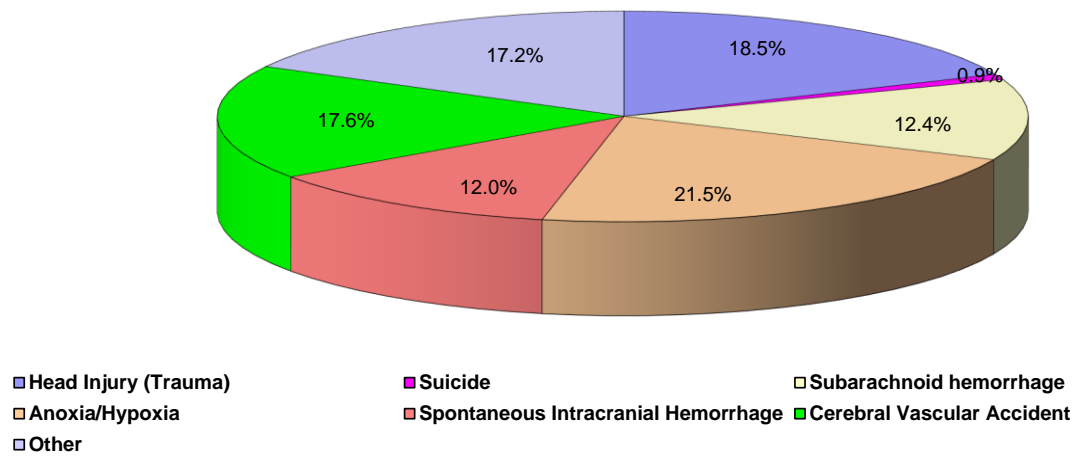
Cadaveric Donors by Age (in percentage)

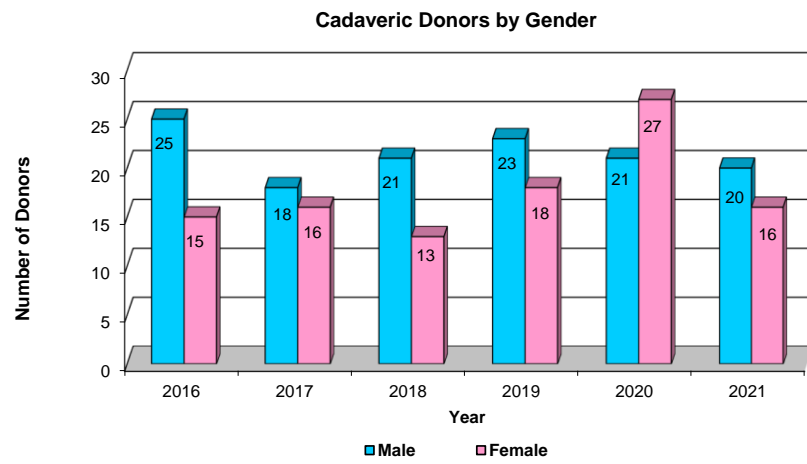
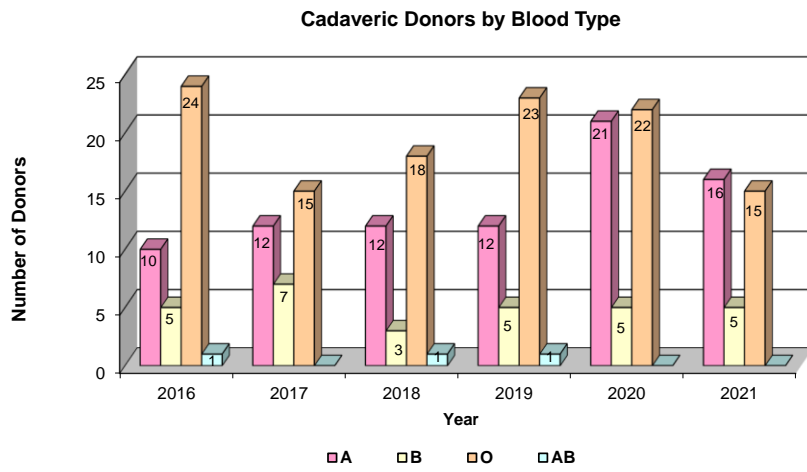


Cadaveric Donors by Cause of Death

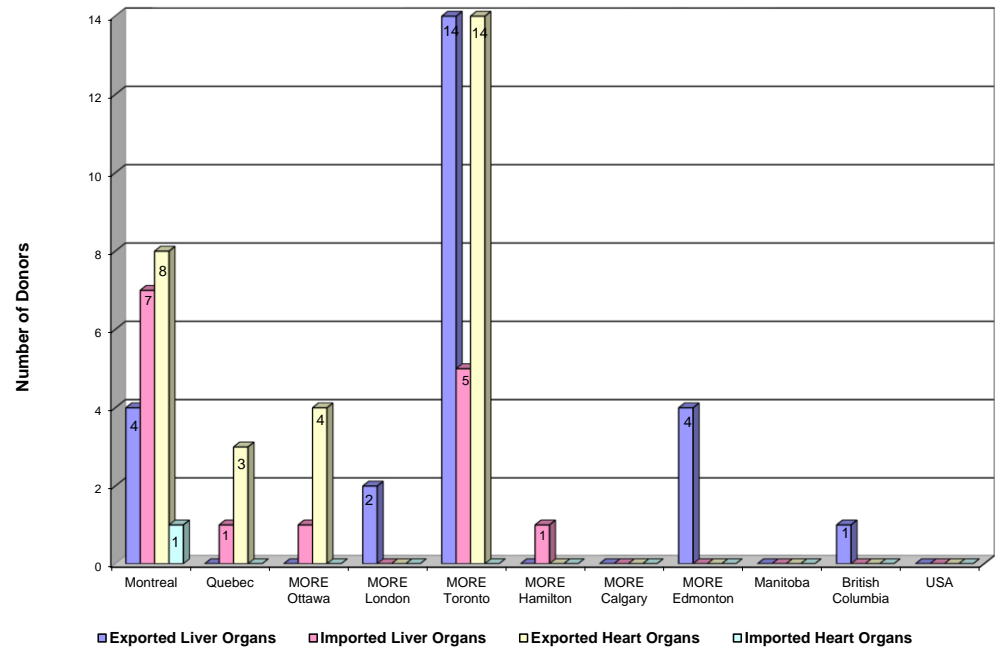


Cadaveric Donors by Cause Of Death (2016-2021)

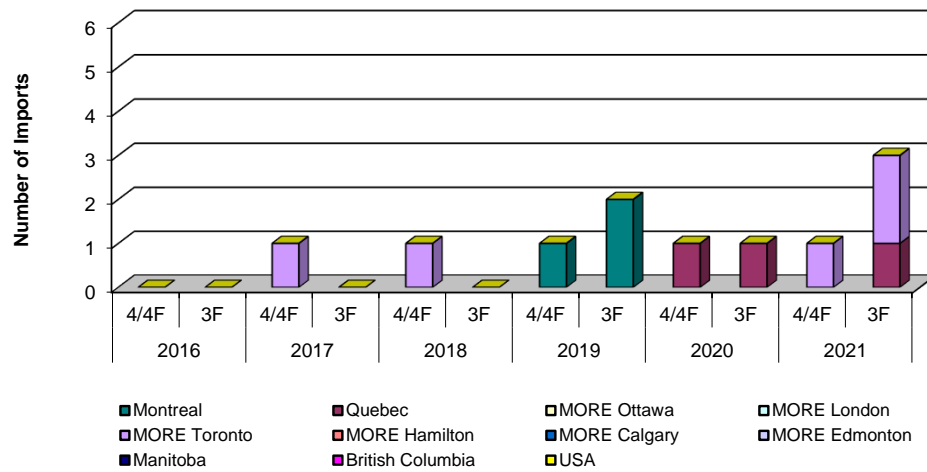




Cadaveric Donor Organs Exported / Imported (2016-2021)

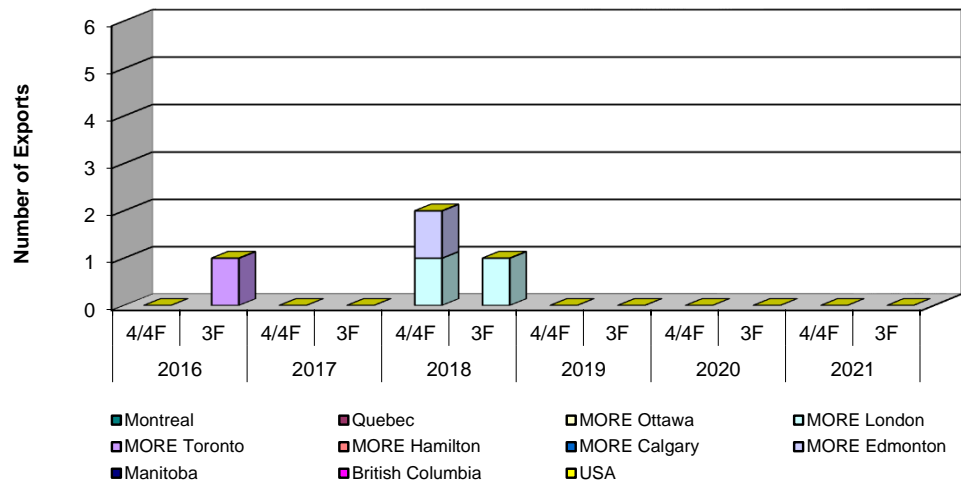


Liver Allocation (Import for High Status)



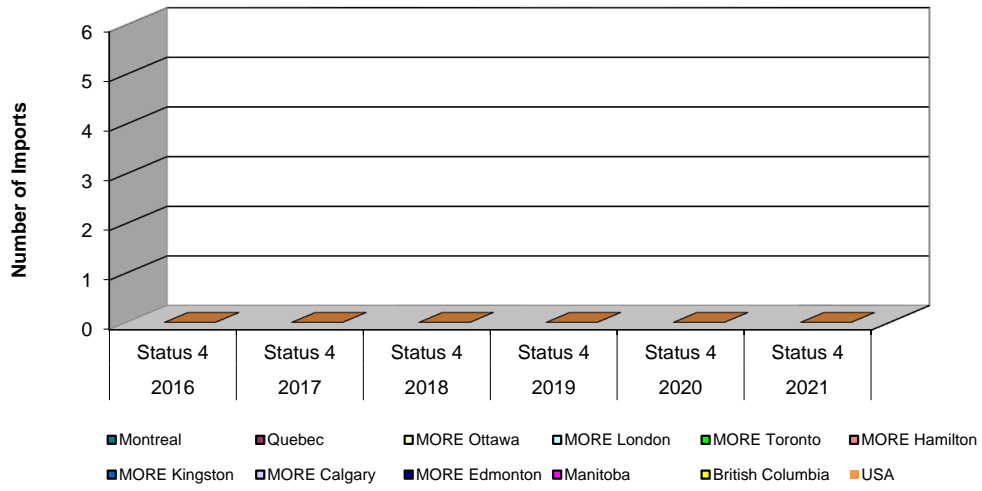
* See Appendix A for Medical Status Description

Liver Allocation (Export for High Status)



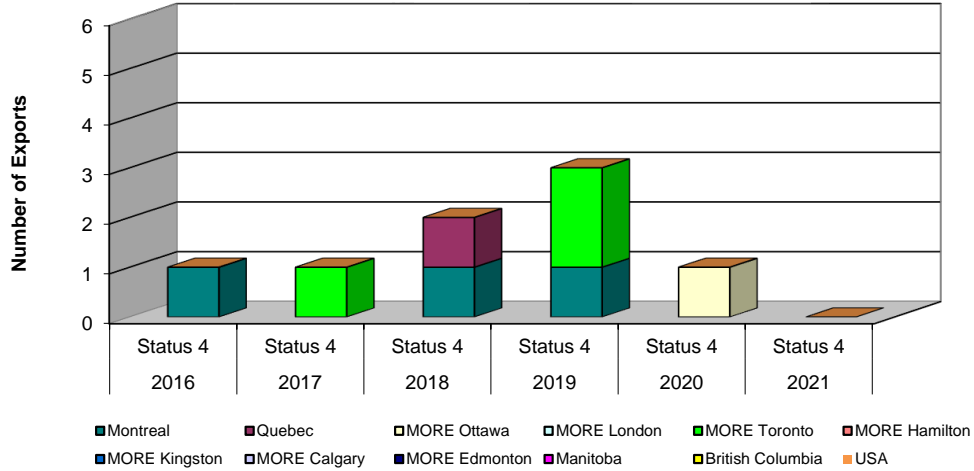
* See Appendix A for Medical Status Description

Heart Allocation (Import for High Status)



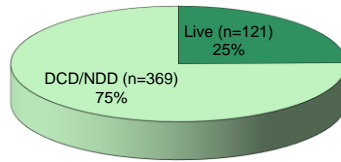
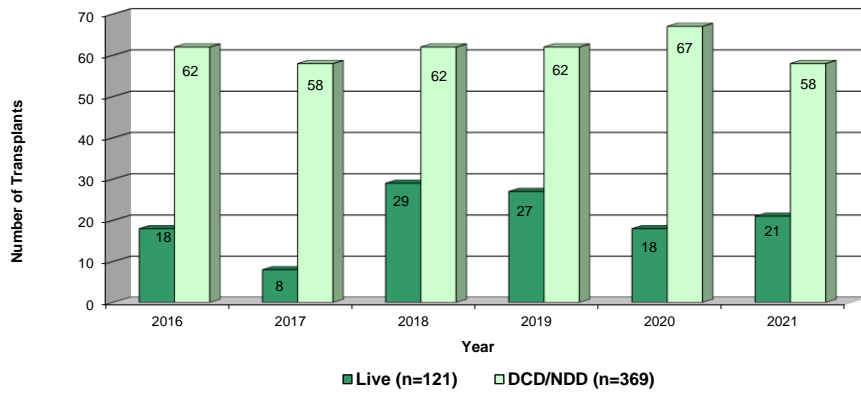
* See Appendix A for Medical Status Description

Heart Allocation (Export for High Status)



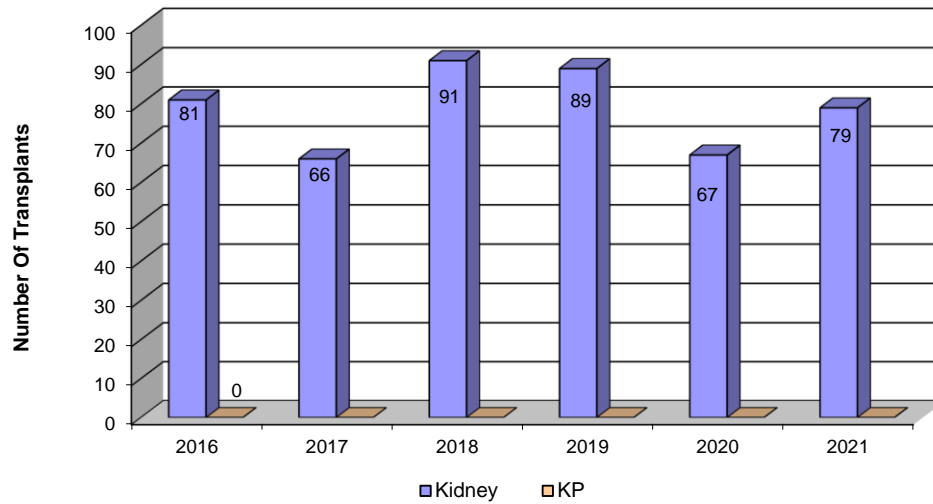
* See Appendix A for Medical Status Description

Renal Transplants
Live vs (DCD/NDD) (n=490)

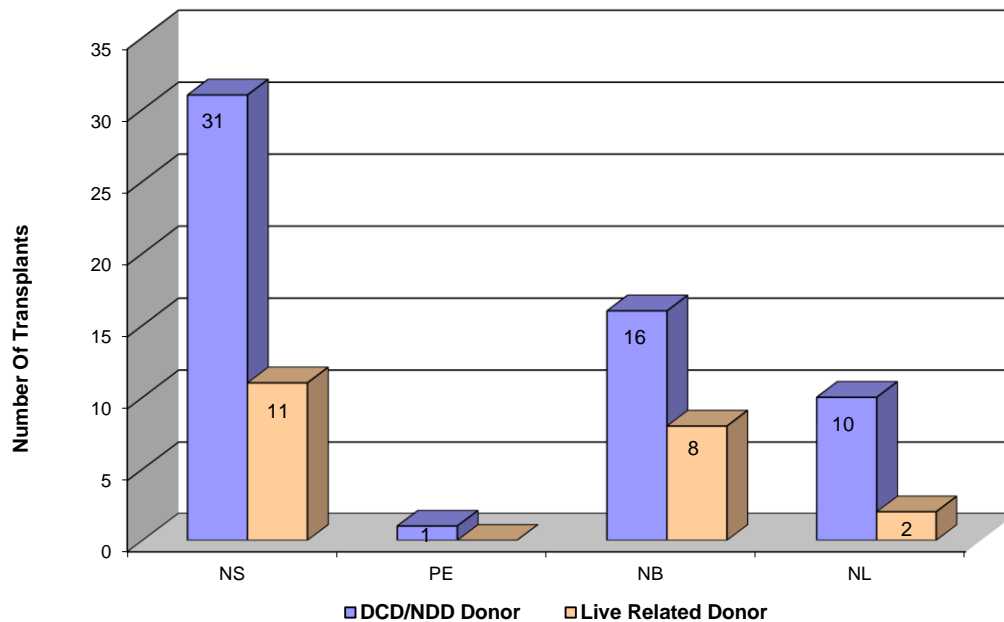


Kidney / Kidney Pancreas Transplant Services

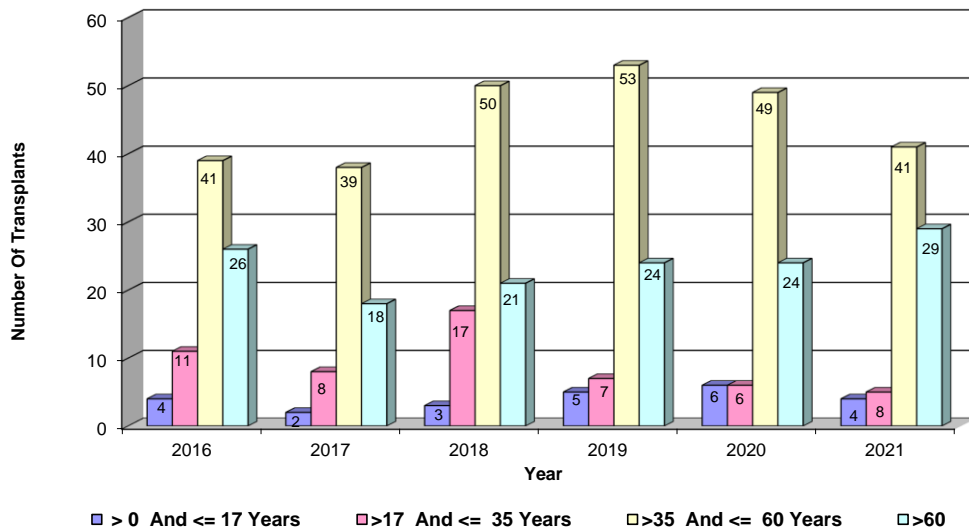
**Kidney / Kidney Pancreas Transplants
Performed for Atlantic Canada Recipients**



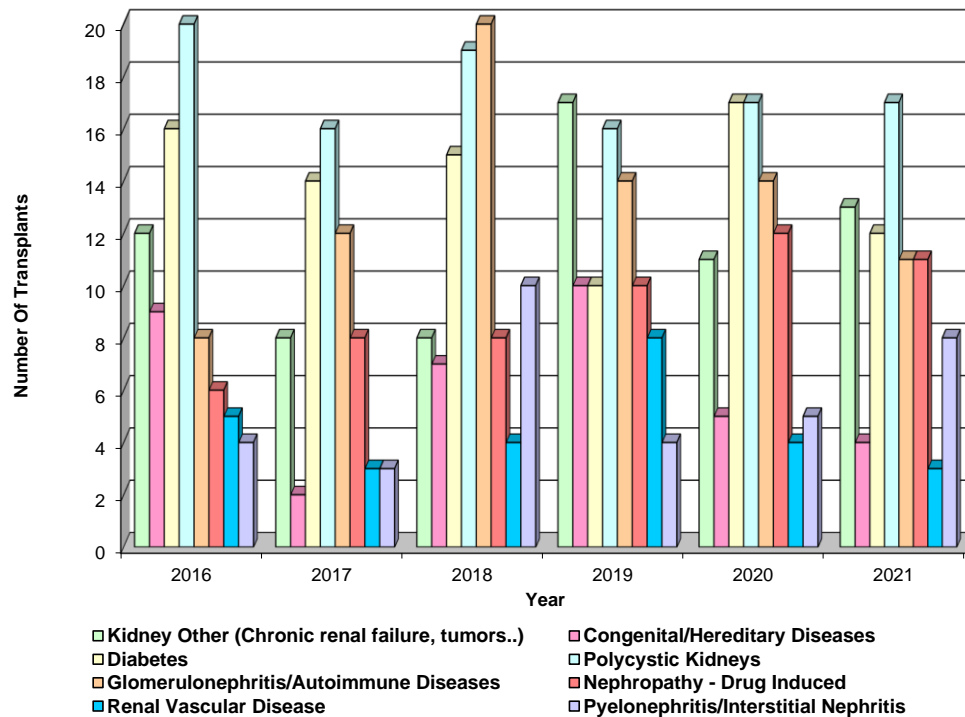
**2020 Atlantic Canada
Kidney / Kidney Pancreas Transplant Recipients by Province**



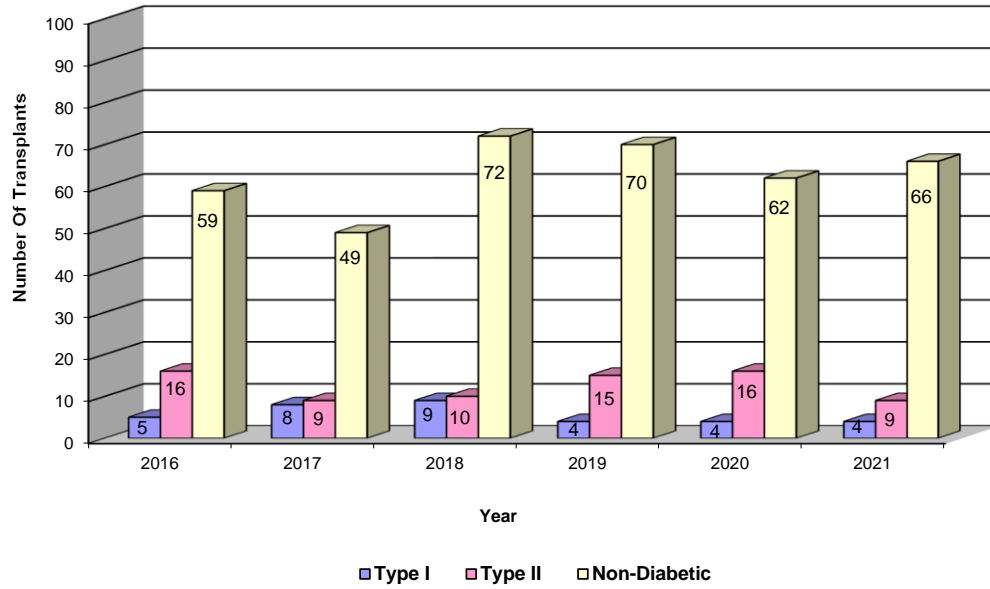
Kidney / Kidney Pancreas Transplants By Age At Transplant



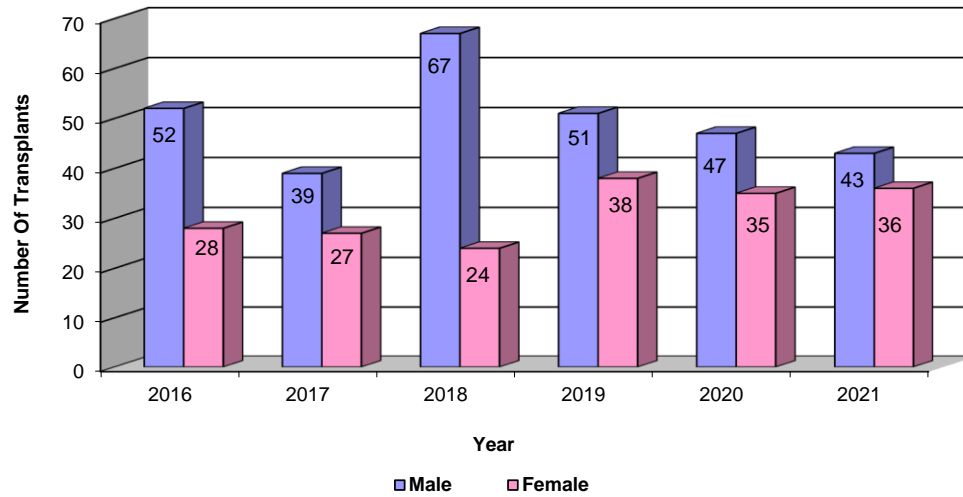
Kidney / Kidney Pancreas Transplants by Primary Diagnosis Groups



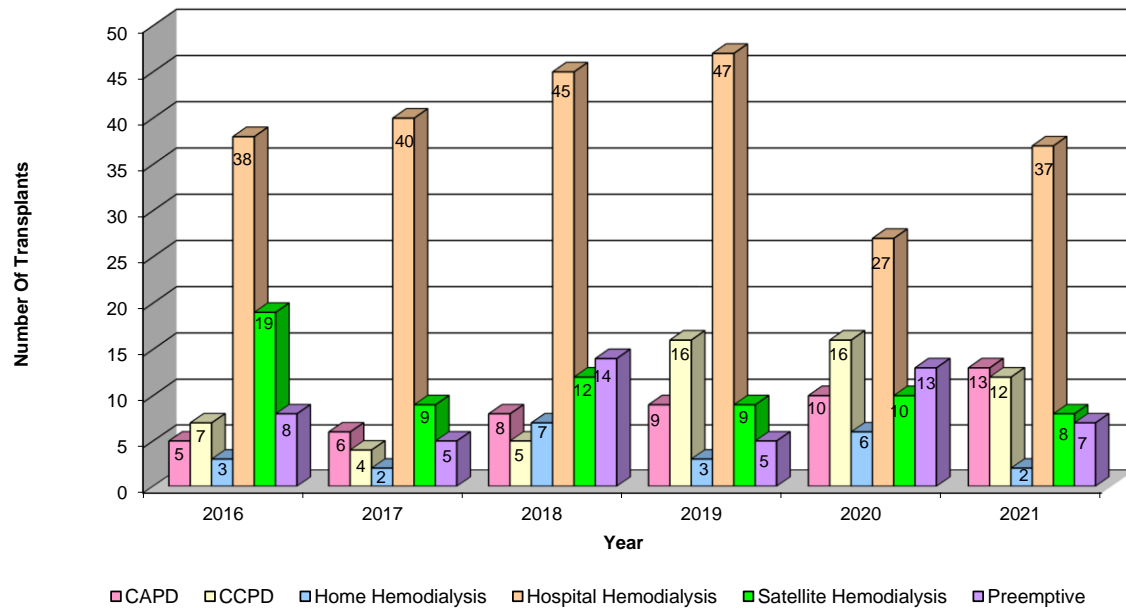
**Kidney / Kidney Pancreas Transplants
Diabetes Type I, Type II and Non-Diabetic**



Kidney / Kidney Pancreas Transplants By Gender



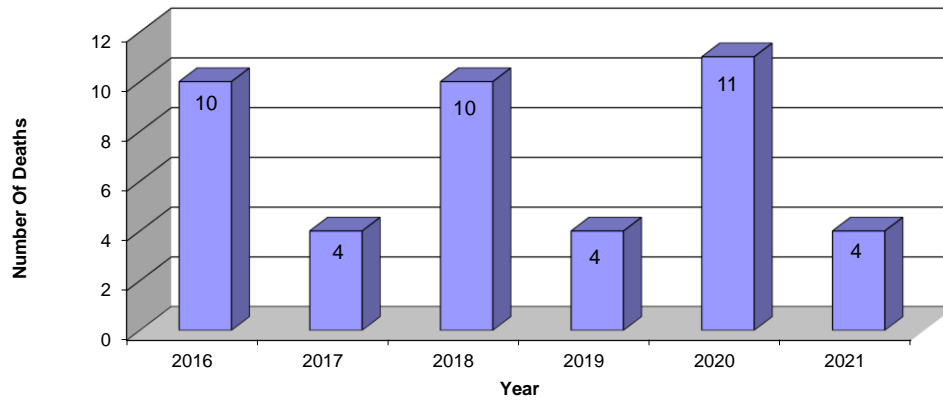
Kidney / Kidney Pancreas Transplants by Dialysis Types



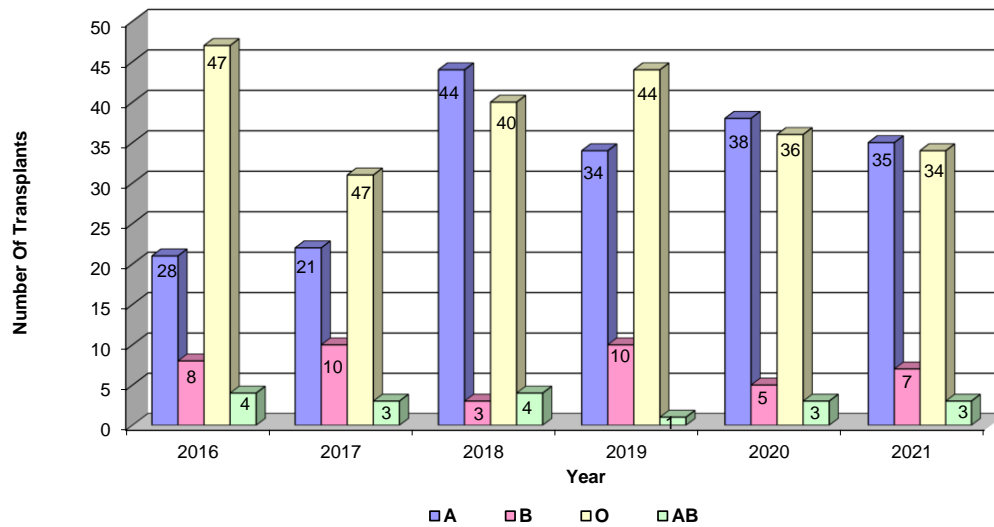
* CAPD - Continuous Ambulatory Peritoneal Dialysis

* CCPD - Chronic Cyclic Peritoneal Dialysis

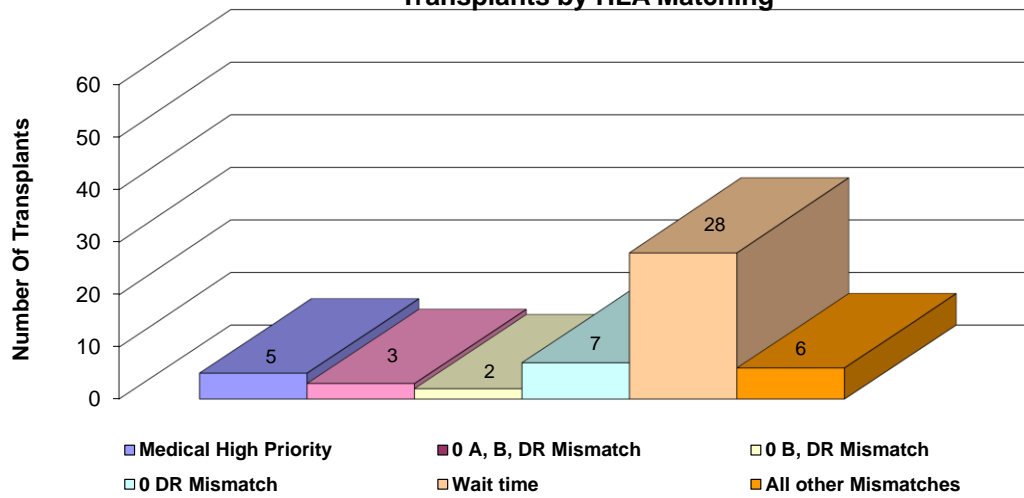
Kidney Wait List Deaths (Including Workups) in Atlantic Canada



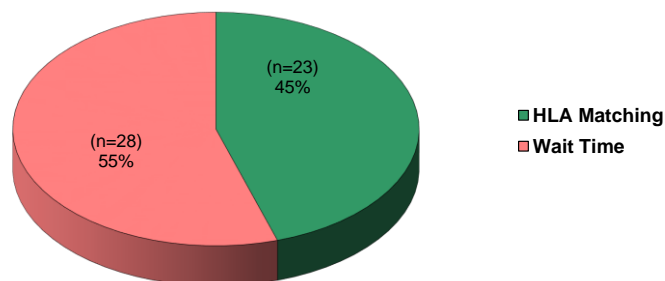
Kidney / Kidney Pancreas Transplants By Blood Type



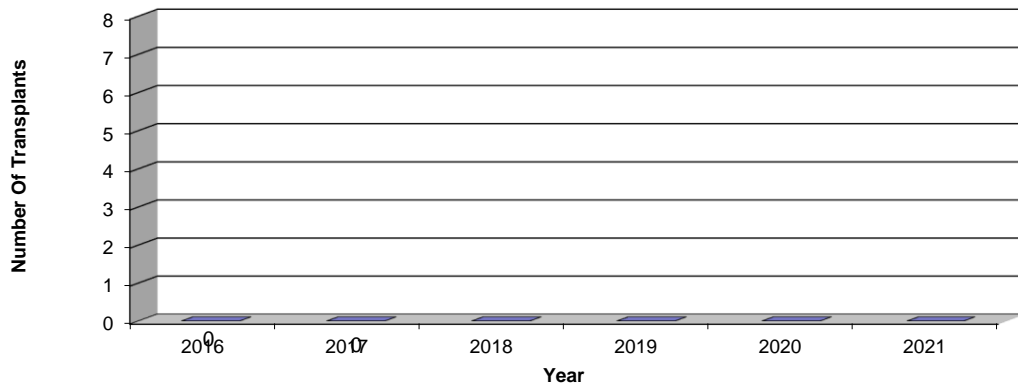
**Kidney / Kidney Pancreas
2020 Deceased Donor
Transplants by HLA Matching**



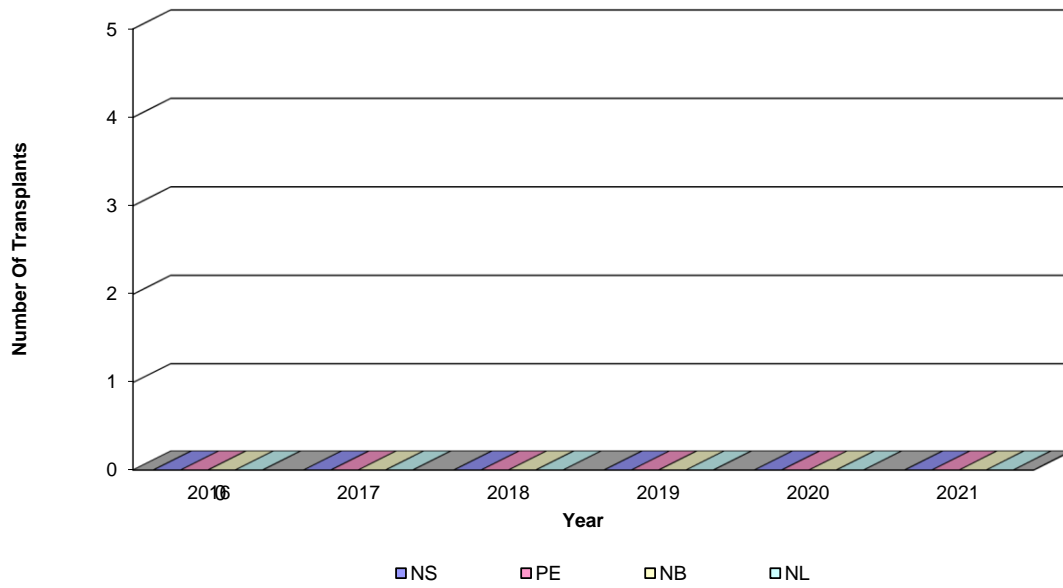
**Kidney / Kidney Pancreas 2021 Cadaveric Donor
Transplants (n=51) Smartmatch by HLA Matching vs Wait Time**



Kidney Pancreas Transplants

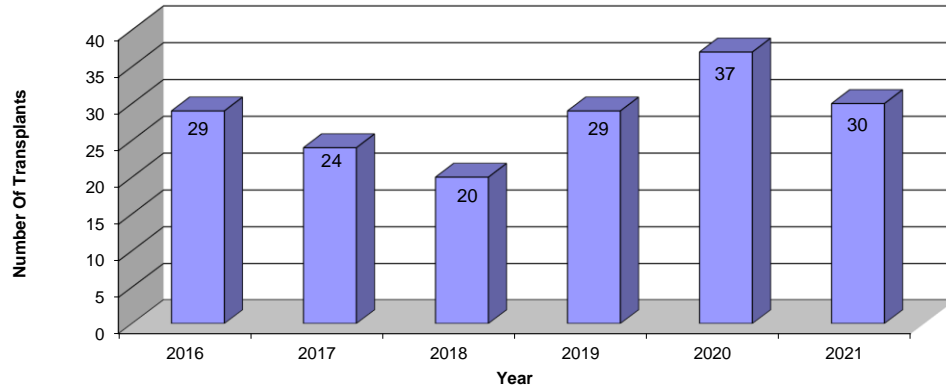


Kidney Pancreas Transplants By Province

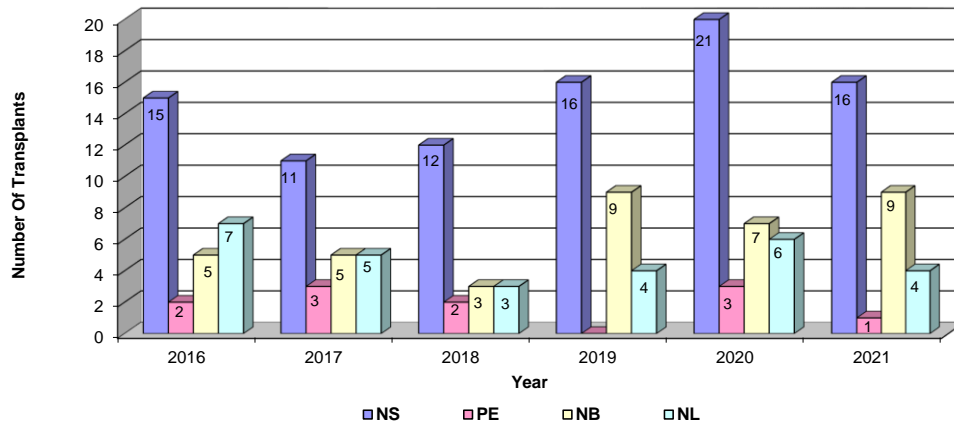


Liver Transplant Services

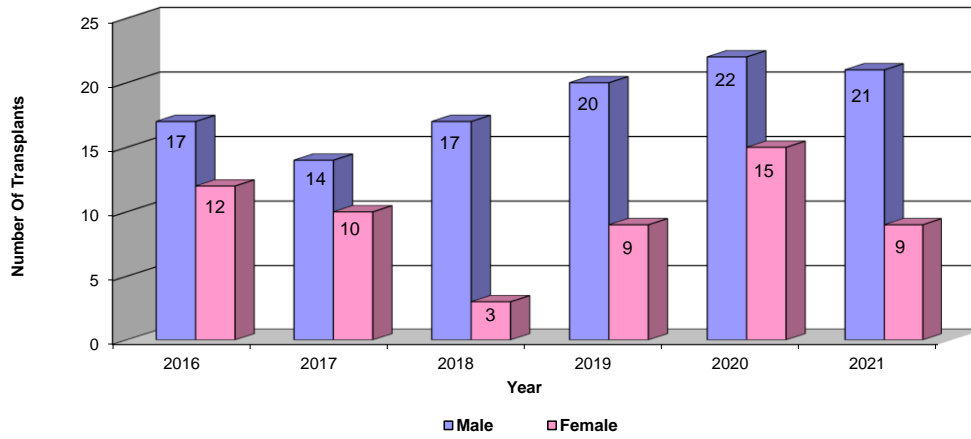
**Liver Transplants
Performed for Atlantic Canada Recipients**



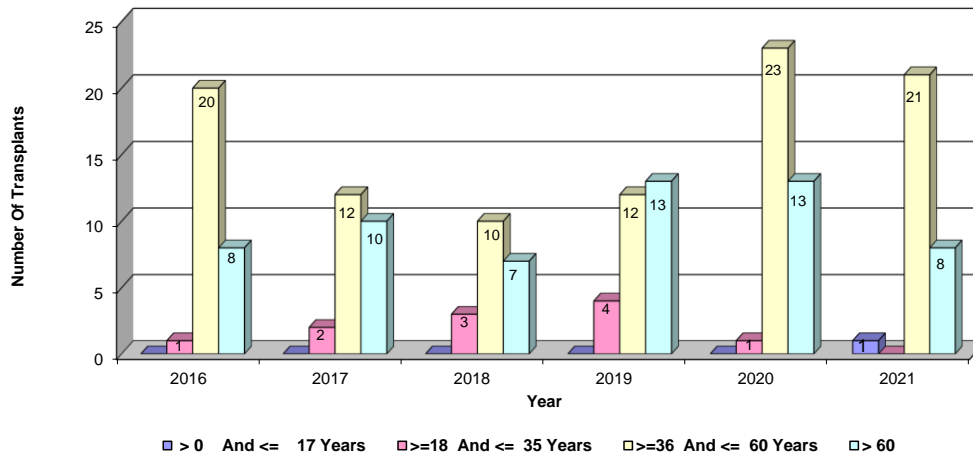
Liver Transplants By Province



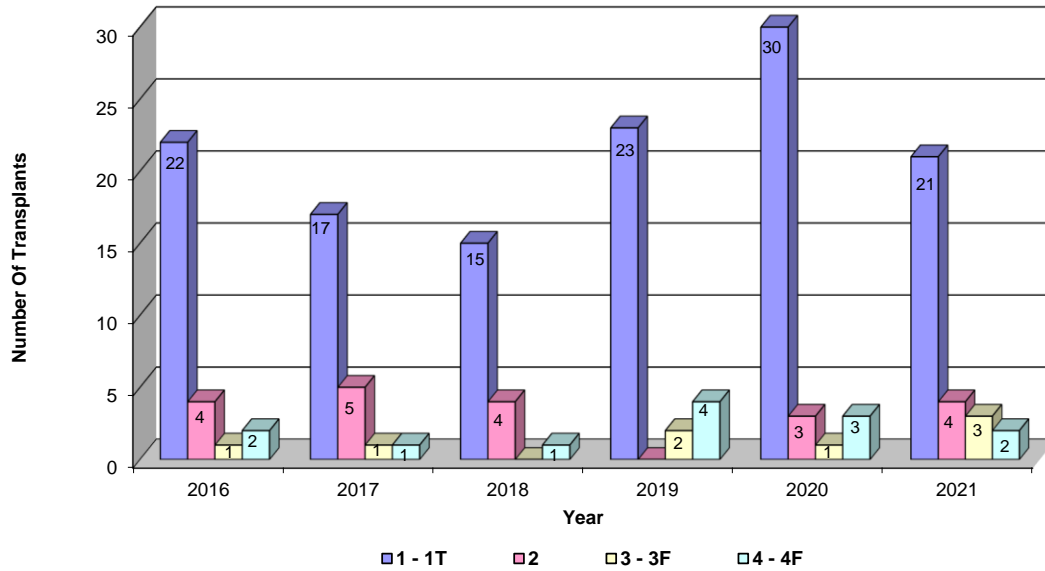
Liver Transplants By Gender



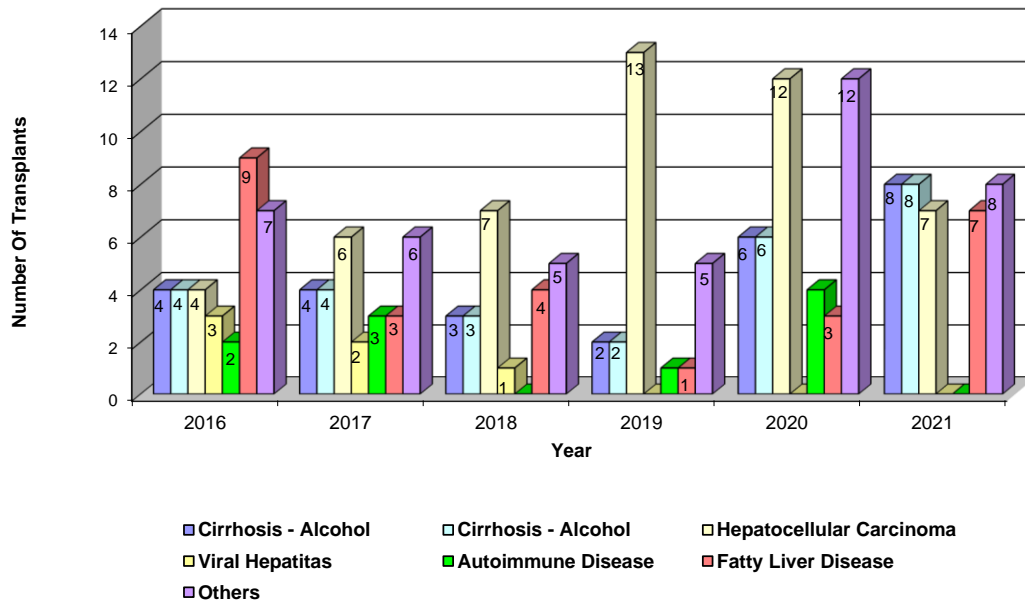
Liver Transplants By Age At Transplant



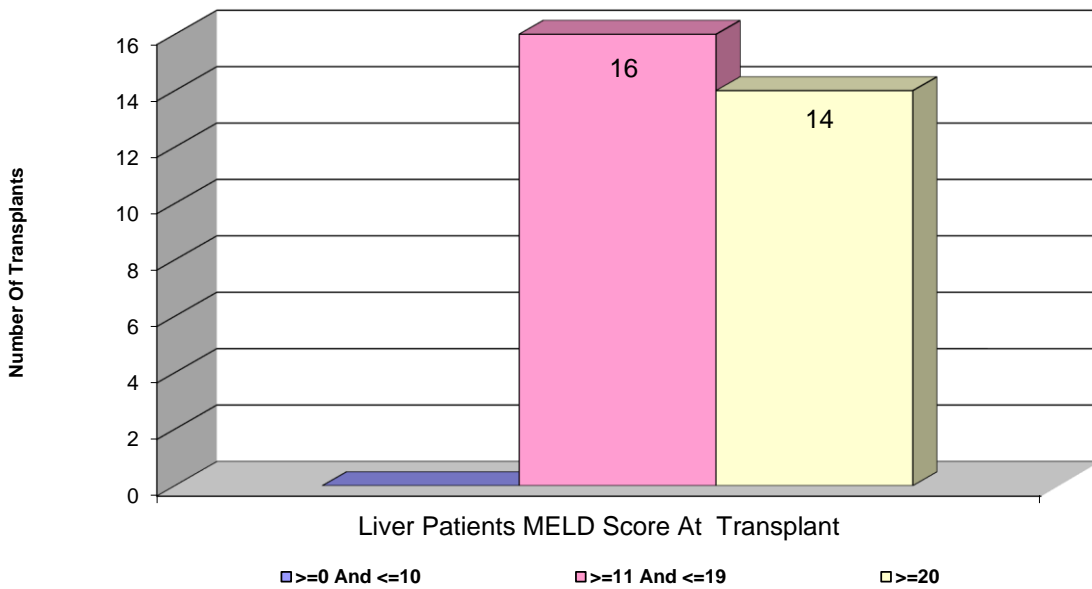
Liver Transplants By Medical Status At Transplant



Indications for Liver Transplants by Primary Diagnosis

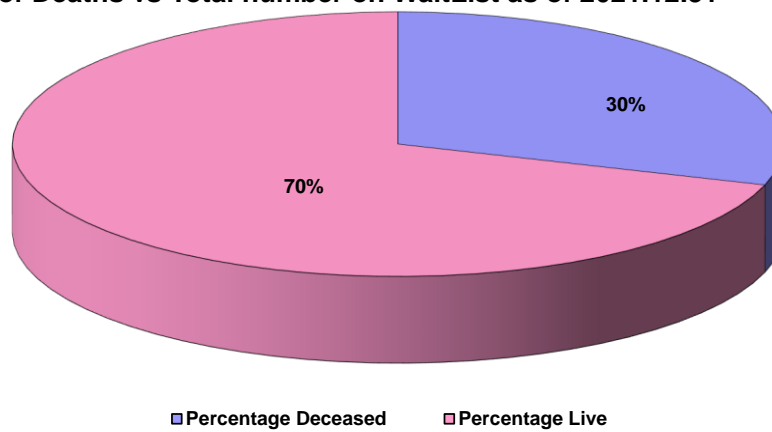


2021 Liver Patients MELD Score At Transplant



* See Appendix A for MELD Score Description

2021 Liver Patient Wait List Deaths # of Deaths vs Total number on WaitList as of 2021.12.31



Appendix A

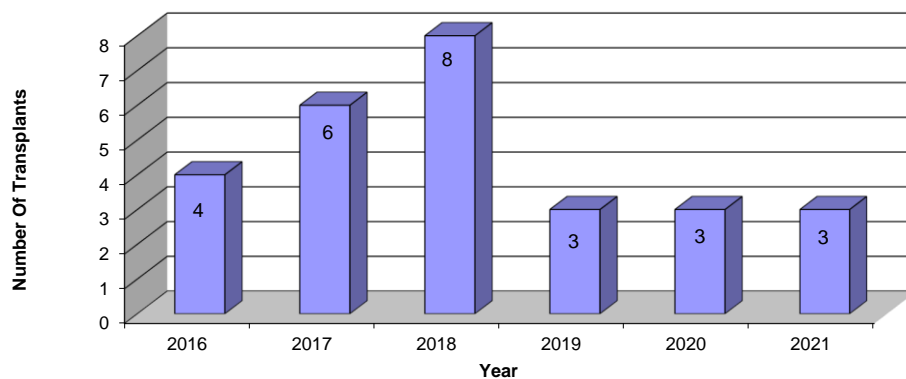
Medical Status	Liver Medical Status Description
1	At Home.
1T	At Home with a liver tumor.
2	In Hospital with stable condition.
	In ICU or equivalent care facility but not on mechanical support with either:
3	(a) creatinine >200 umol/L and / or rising by >50 umol/L per day, or (b) grade 3 or 4 encephalopathy.
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.
	In ICU requiring mechanical ventilation due to fulminant liver failure including primary graft non-function.
4F	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"> • Serum Creatinine (mg/dl) ** • Bilirubin (mg/dl) • INR <p>The MELD score is calculated using the following formula:</p> $\text{MELD Score} = 0.957 \times \text{Loge}(\text{creatinine mg/dL}) + 0.378 \times \text{Loge}(\text{billirubin mg/gL}) + 1.120 \times \text{Loge}(\text{INR}) + 0.643 \times$ <p>Multiply the score by 10 and round to the nearest whole number.</p>

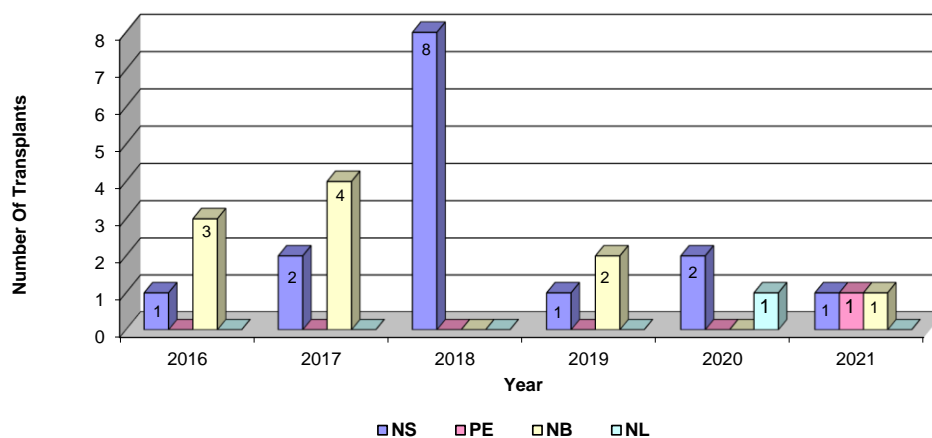
Disclaimer: Historical data contained in this report is subject to change

Cardiac Transplant Services

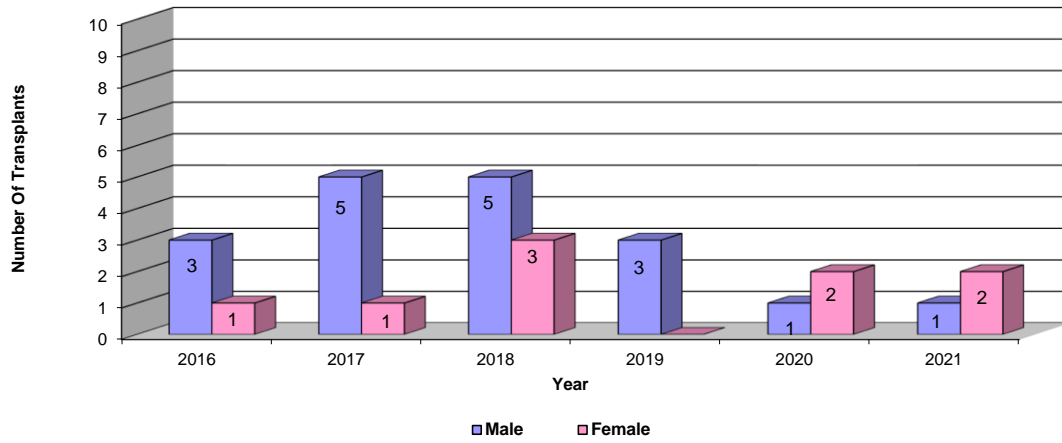
Heart Transplants Performed for Atlantic Canada Recipients



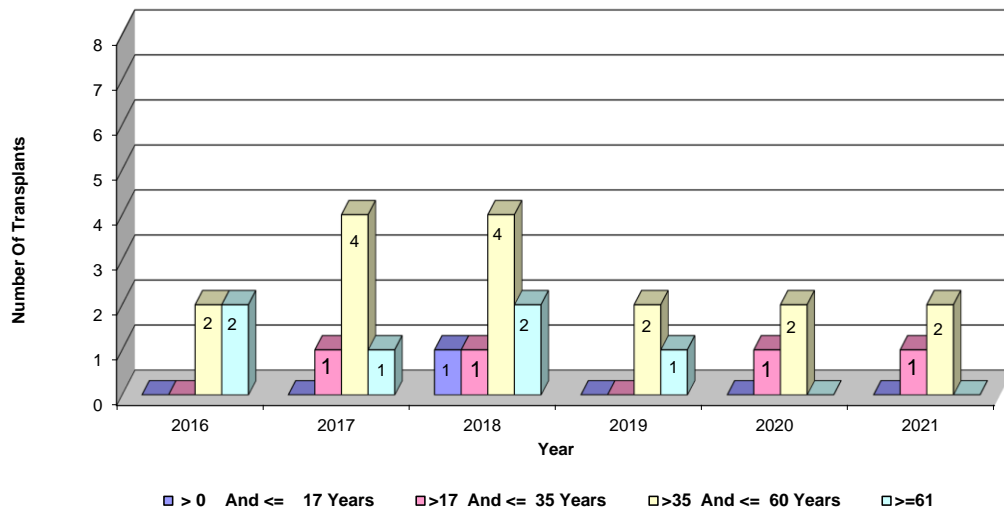
Heart Transplants By Province



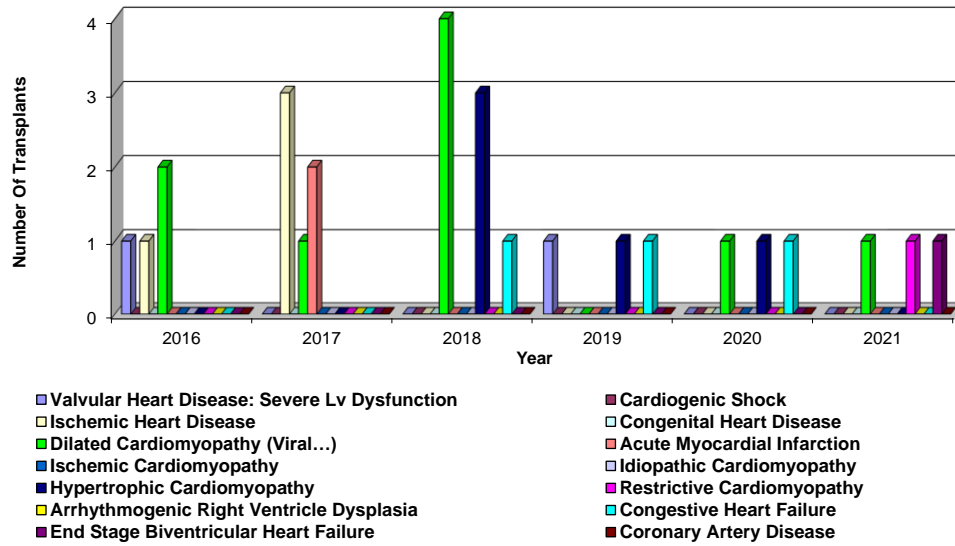
Heart Transplants By Gender



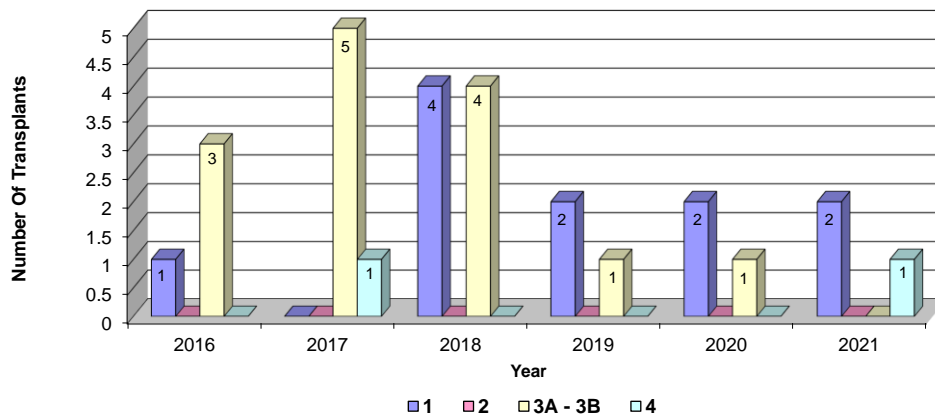
Heart Transplants By Age At Transplant



Heart Transplants by Primary Diagnosis

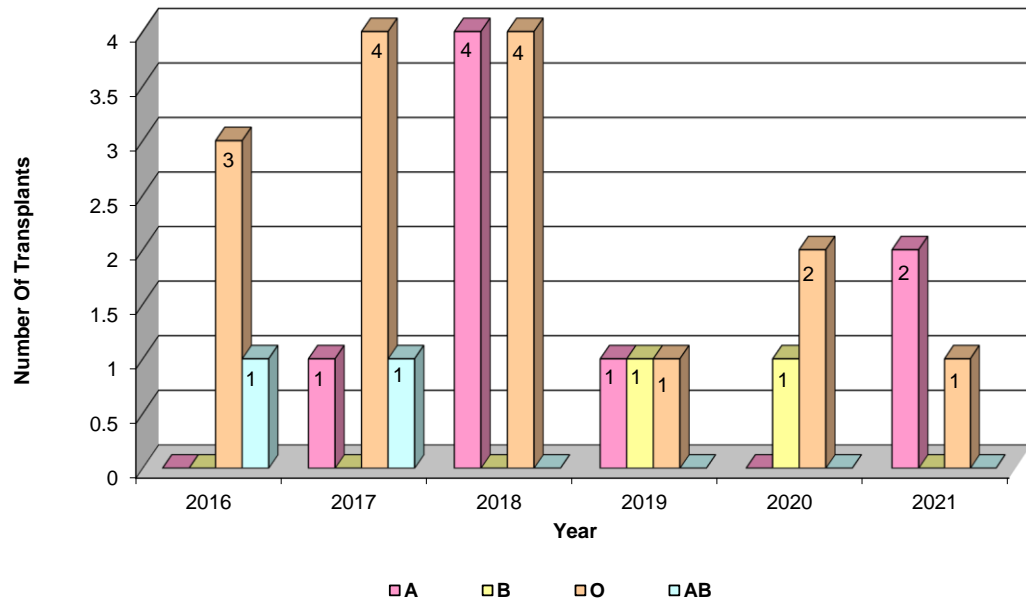


Heart Transplants By Medical Status At Transplant



* 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