

## **Chapter 2**

### ***International Data***





# International comparisons

Organ donation and transplantation is a world wide practice which extends and enhances the quality of peoples lives suffering from end stage organ failure. Many countries have implemented procedures and systems to address meeting the need for transplantation. This year the Registry has expanded its reporting with greater comparisons of Australia and New Zealand to global activity and comparatively over time.

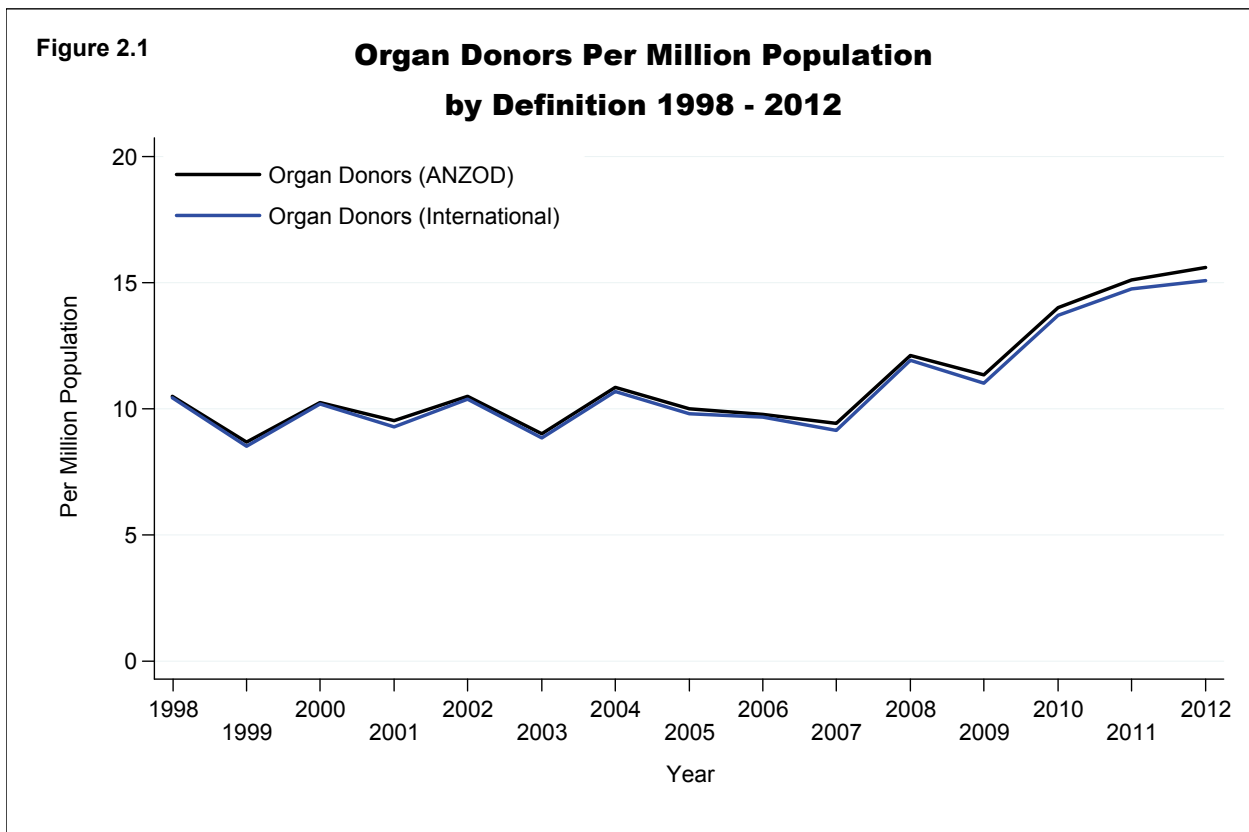
For the purpose of this comparison, data has been sourced from the International Registry in Organ Donation and Transplantation (hereinafter IRODaT). Data was sourced on October 4, 2013 from the IRODaT website [http://www.irodat.org/irodat\\_all\\_en.php](http://www.irodat.org/irodat_all_en.php) and represents data compiled from broad selection of the 72 world wide contributing countries over the past 4-5 years.

Data reported hereinafter on international donation and transplantation rates may differ to that reported else-

where if contributing countries have updated their final numbers subsequent to this publication.

To assist in equitable comparisons the international definition of an organ donor, used by all contributors to IRODaT, is that of an **Actual deceased organ donor is a consented eligible donor from whom at least one organ was recovered for the purpose of transplantation (World Health Organisation)**. This differs slightly to the historical data reported in previous ANZOD reports, whereby the definition used was that of an **Actual donor - a person from whom the retrieval operation is commenced for the purpose of transplantation. This includes donors who may be deemed medically unsuitable at time of surgery or after removal of organs.**

Figure 2.1 show the difference to the reported ANZOD numbers when each definition is applied.

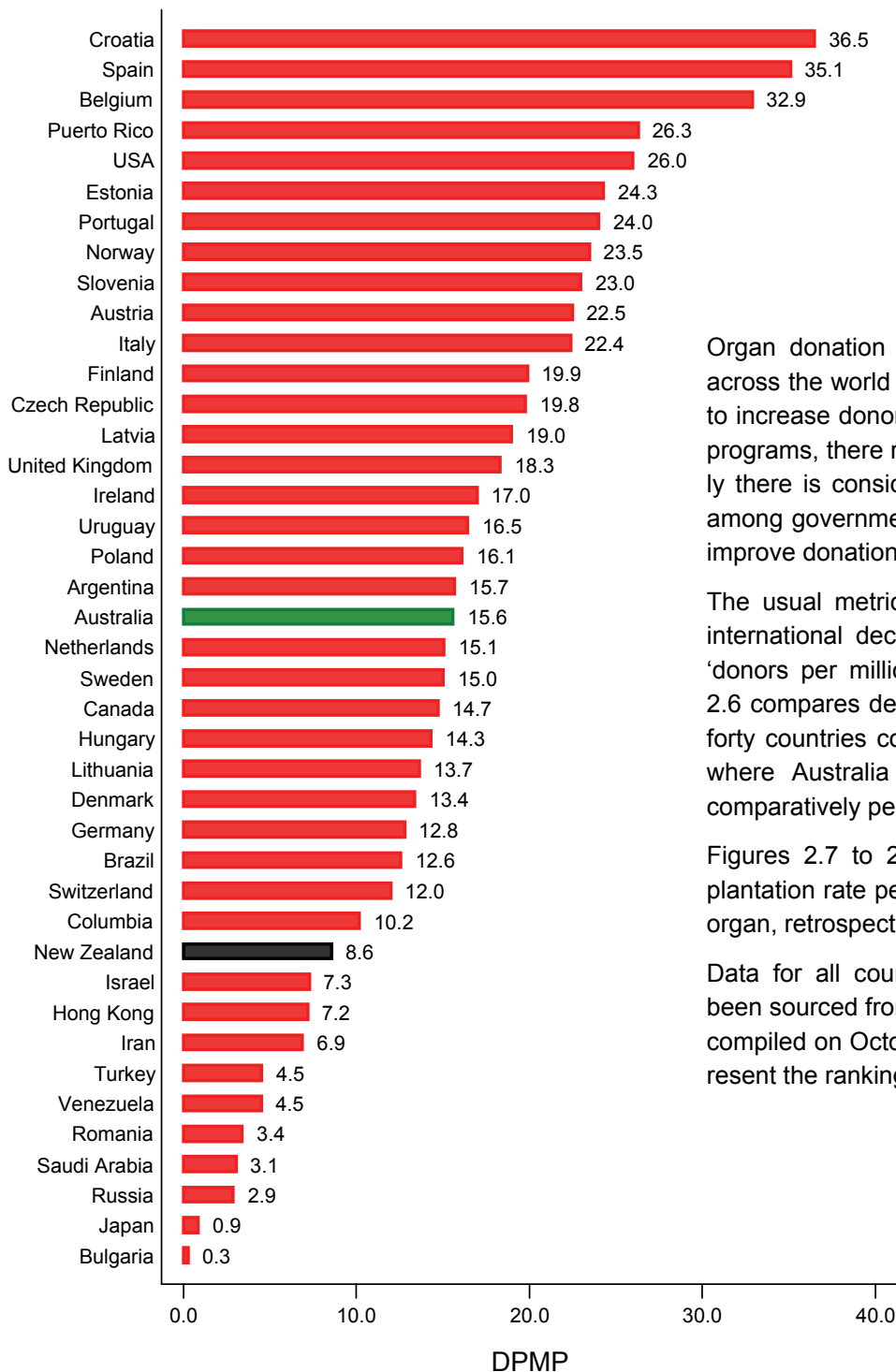


# International comparisons



## International Deceased Organ Donor Rates (Donor Per Million Population)

Figure 2.2 International Deceased Donor Rates 2012



Organ donation and transplantation rates vary across the world and many countries are striving to increase donor numbers. Despite the various programs, there remains unmet demand. Globally there is considerable activity and momentum among governmental and professional bodies to improve donation rates.

The usual metric of measuring and comparing international deceased organ donation rates is 'donors per million population'. Figures 2.2 to 2.6 compares deceased organ donation rates of forty countries contributing data to IRODaT and where Australia and New Zealand is placed comparatively per year for the past 5 years.

Figures 2.7 to 2.26 compare the organ transplantation rate per million population per specific organ, retrospectively to 2009.

Data for all countries reported hereinafter has been sourced from the IRODaT website and was compiled on October 4, 2013. This does not represent the ranking of these countries world wide.

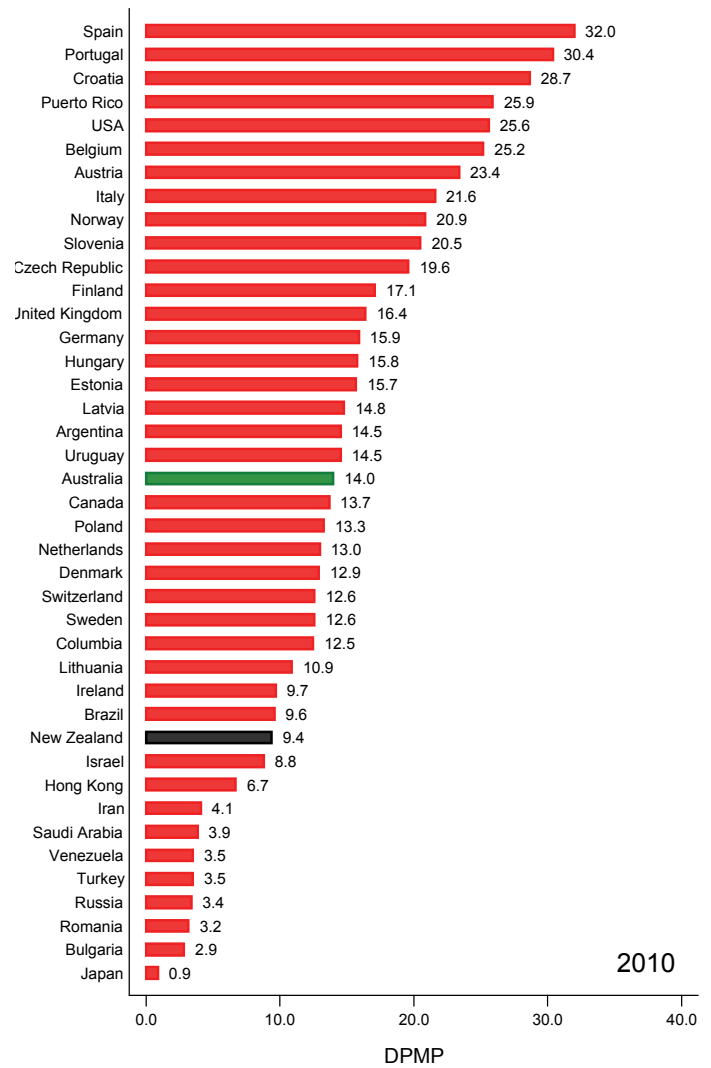
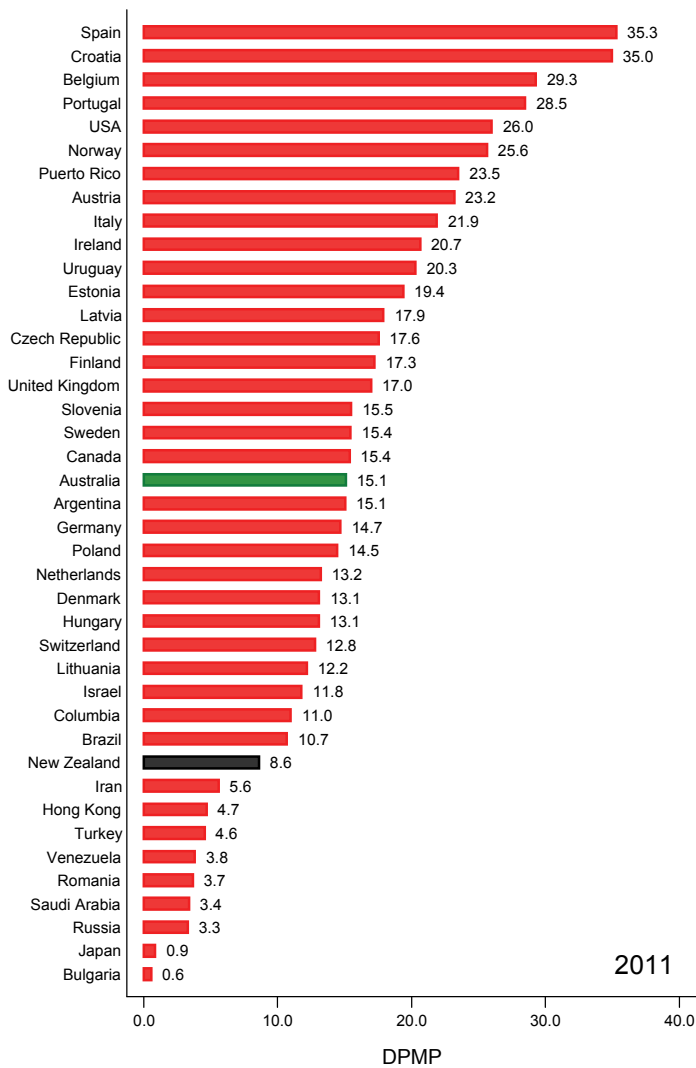
Data sourced from IRODaT [http://www.irodat.org/irodat\\_all\\_en.php](http://www.irodat.org/irodat_all_en.php) on October 4, 2013



# International comparisons

## International Deceased Organ Donor Rates (Donor Per Million Population)

**Figure 2.3 International Deceased Donor Rates 2011**      **Figure 2.4 International Deceased Donor Rates 2010**



Data sourced from IRODaT [http://www.irodat.org/irodat\\_all\\_en.php](http://www.irodat.org/irodat_all_en.php) on October 4, 2013.

Data represents a comparison of the same 41 countries who provided complete donation data in 2010 and 2011.

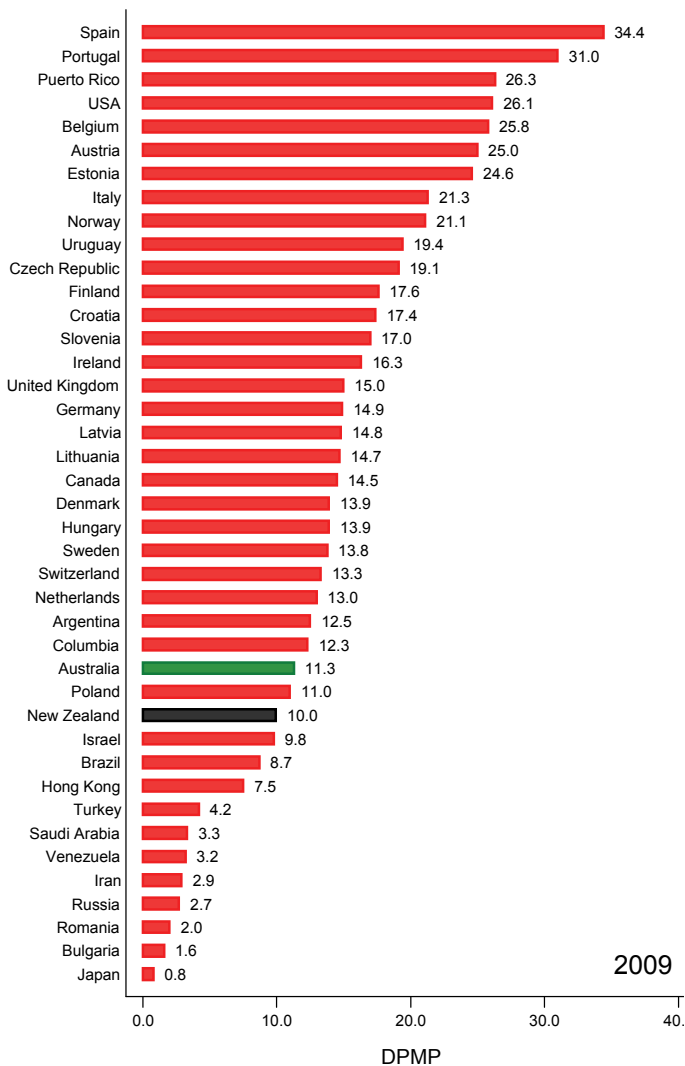
This does not represent the ranking of these countries world wide.



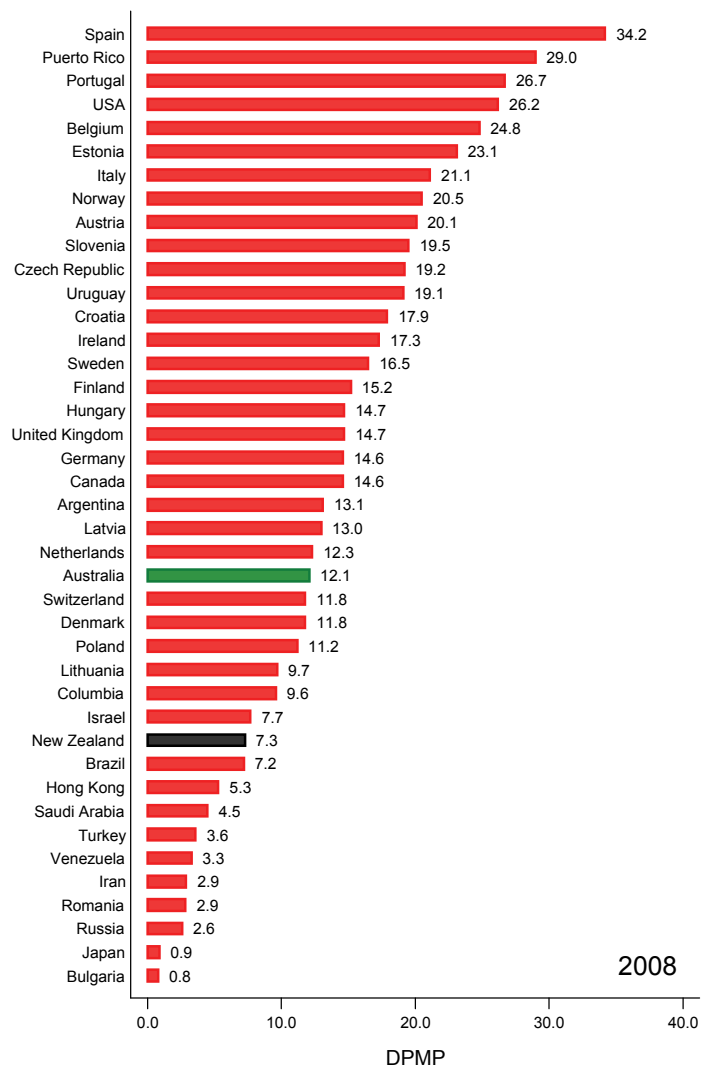
# International comparisons

## International Deceased Organ Donor Rates (Donor Per Million Population)

**Figure 2.5 International Deceased Donor Rates  
2009**



**Figure 2.6 International Deceased Donor Rates  
2008**



Data sourced from IRODaT [http://www.irodat.org/irodat\\_all\\_en.php](http://www.irodat.org/irodat_all_en.php) on October 4, 2013.

Data represents a comparison of the same 41 countries who provided complete donation data in 2008 and 2009.

This does not represent the ranking of these countries world wide.



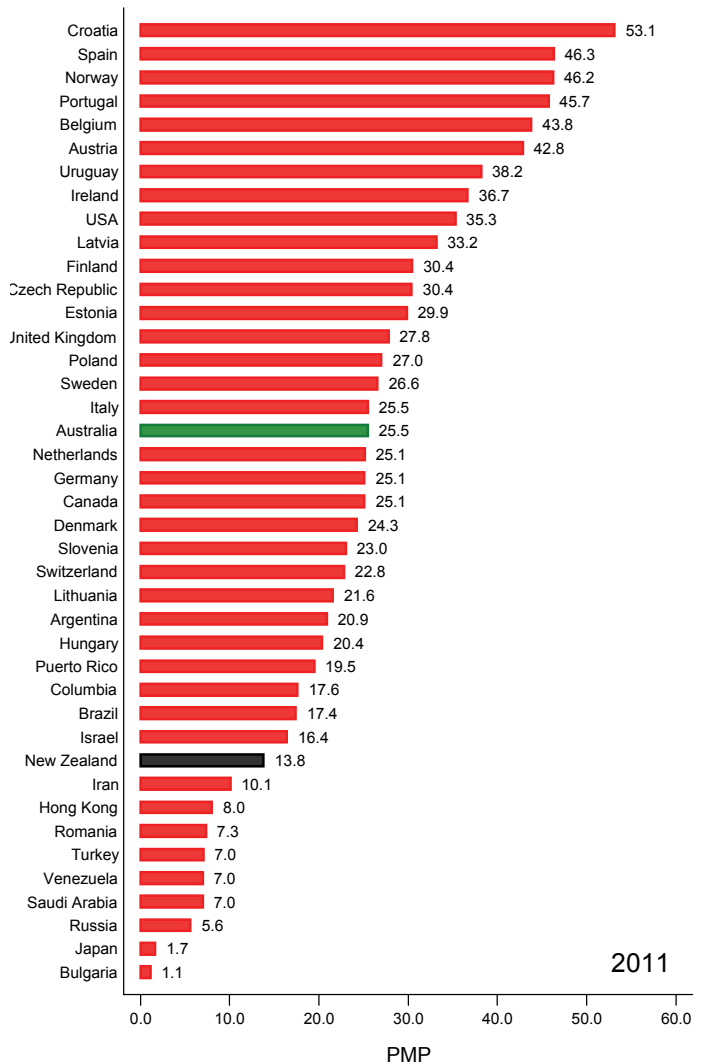
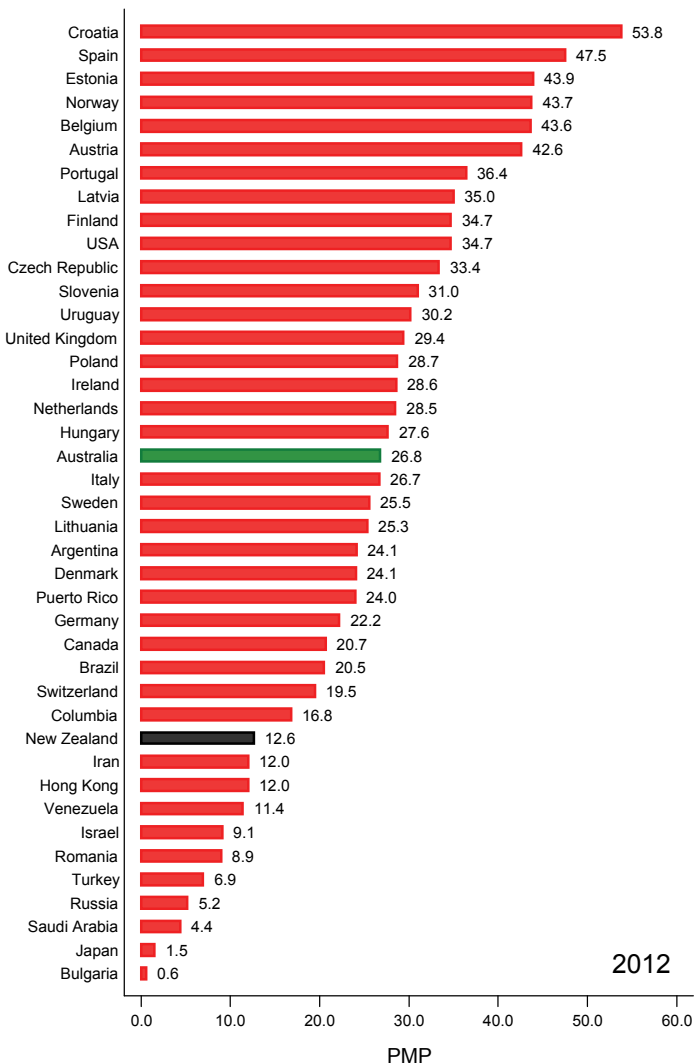
# International comparisons

## International Kidney Transplantation from Deceased Donors (Per Million Population)

Figures 2.7 and 2.8 represent a comparison of the same 41 countries who provided complete transplantation activity from deceased donors, per million population, for kidney in 2012 and 2011 respectively. This does not represent the ranking of these countries world wide.

**Figure 2.7 International Transplantation Rates  
Kidney 2012**

**Figure 2.8 International Transplantation Rates  
Kidney 2011**



Data sourced from IRODaT [http://www.irodat.org/irodat\\_all\\_en.php](http://www.irodat.org/irodat_all_en.php) on October 4, 2013.

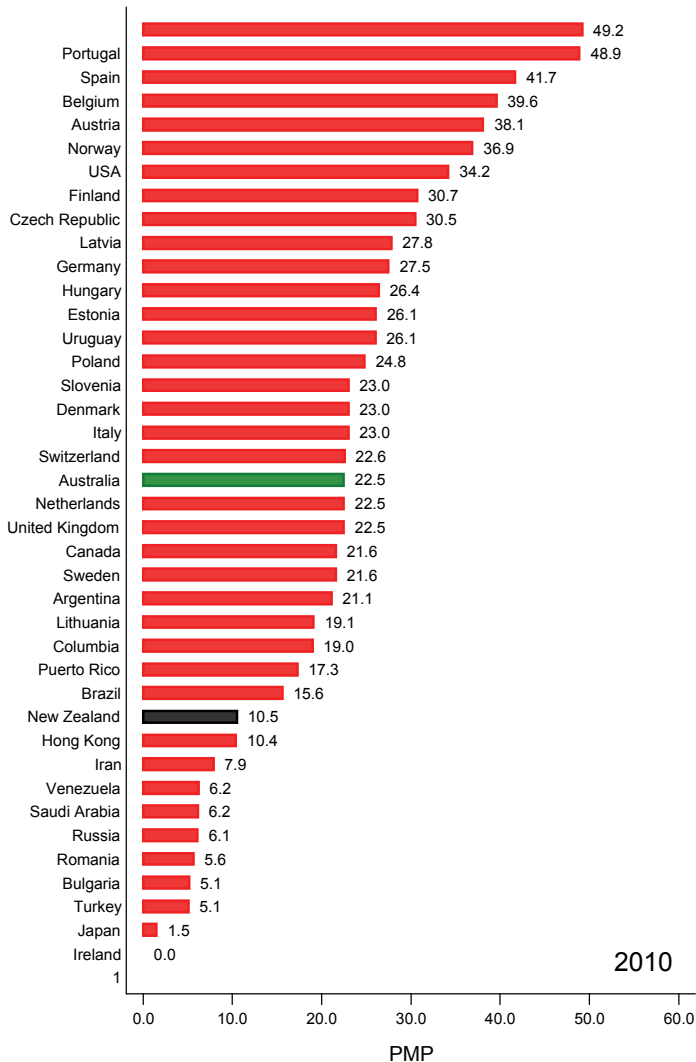


# International comparisons

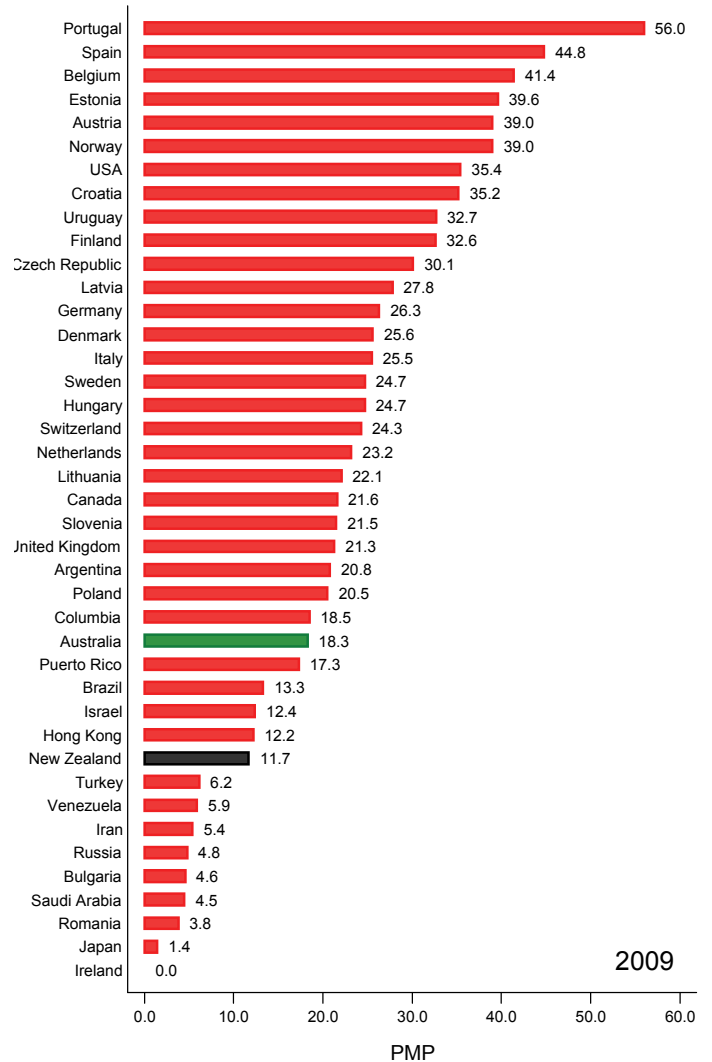
## International Kidney Transplantation from Deceased Donors (Per Million Population)

Figures 2.9 and 2.10 represent a comparison of the same 41 countries who provided complete transplantation activity from deceased donors, per million population, for kidney in 2010 and 2009 respectively. This does not represent the ranking of these countries world wide.

**Figure 2.9 International Transplantation Rates  
Kidney 2010**



**Figure 2.10 International Transplantation Rates  
Kidney 2009**



Data sourced from IRODaT [http://www.irodat.org/irodat\\_all\\_en.php](http://www.irodat.org/irodat_all_en.php) on October 4, 2013.



# International comparisons

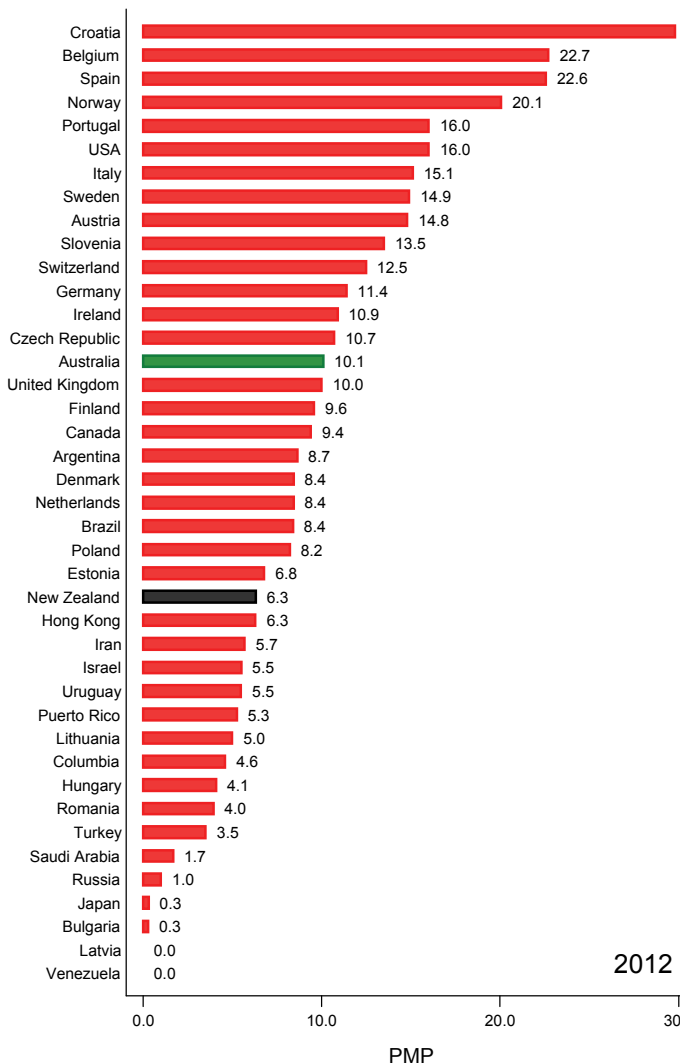
## International Liver Transplantation from Deceased Donors (Per Million Population)

Figures 2.11 and 2.12 represent a comparison of the same 41 countries who provided complete transplantation activity from deceased donors, per million population, for liver in 2012 and 2011 respectively. This does not represent the ranking of these countries world wide.

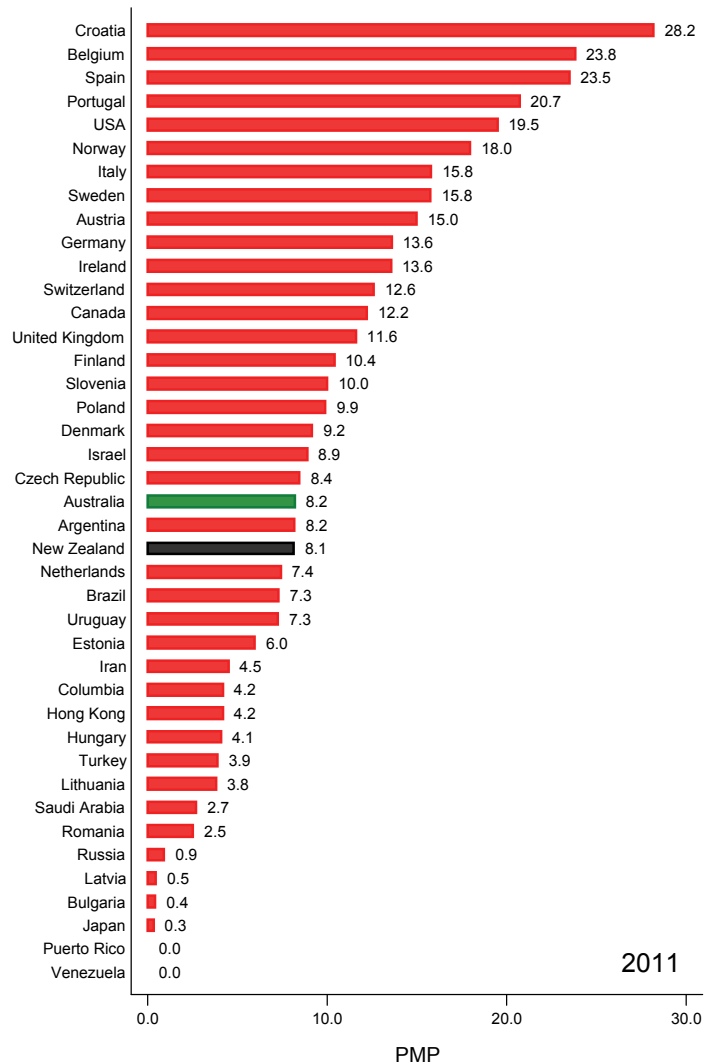
Figure 2.11 International Transplantation Rates

Figure 2.12 International Transplantation Rates

### Liver 2012



### Liver 2011



Data sourced from IRODaT [http://www.irodat.org/irodat\\_all\\_en.php](http://www.irodat.org/irodat_all_en.php) on October 4, 2013.





# International comparisons

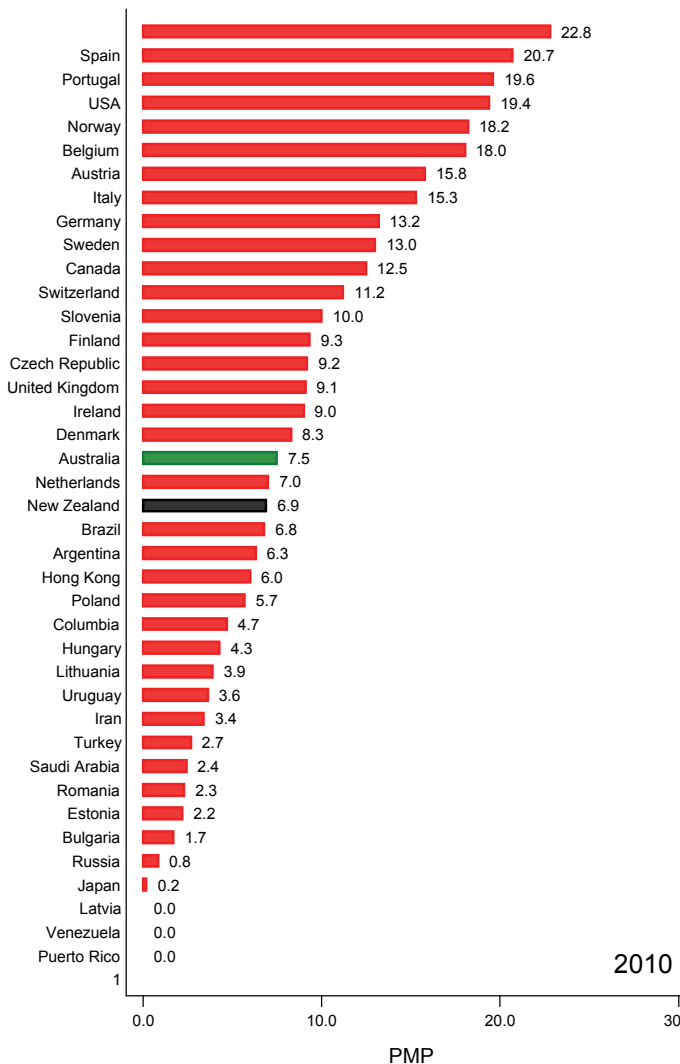
## International Liver Transplantation from Deceased Donors (Per Million Population)

Figures 2.13 and 2.14 represent a comparison of the same 41 countries who provided complete transplantation activity from deceased donors, per million population, for liver in 2010 and 2009 respectively. This does not represent the ranking of these countries world wide.

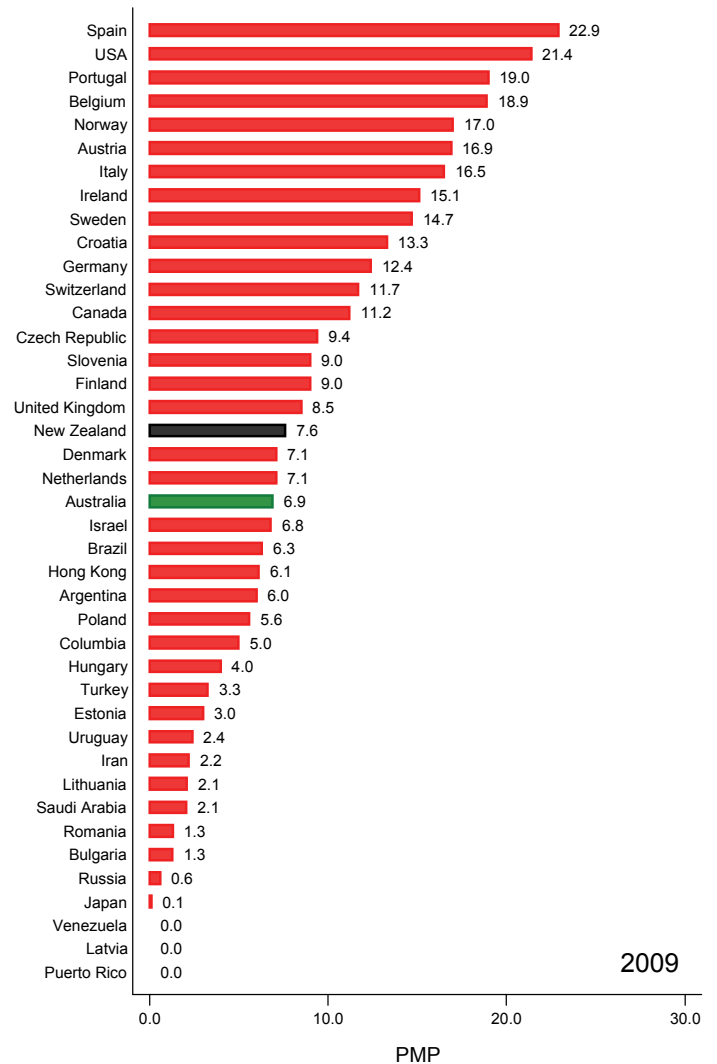
Figure 2.13 International Transplantation Rates

Figure 2.14 International Transplantation Rates

### Liver 2010



### Liver 2009



Data sourced from IRODaT [http://www.irodat.org/irodat\\_all\\_en.php](http://www.irodat.org/irodat_all_en.php) on October 4, 2013.



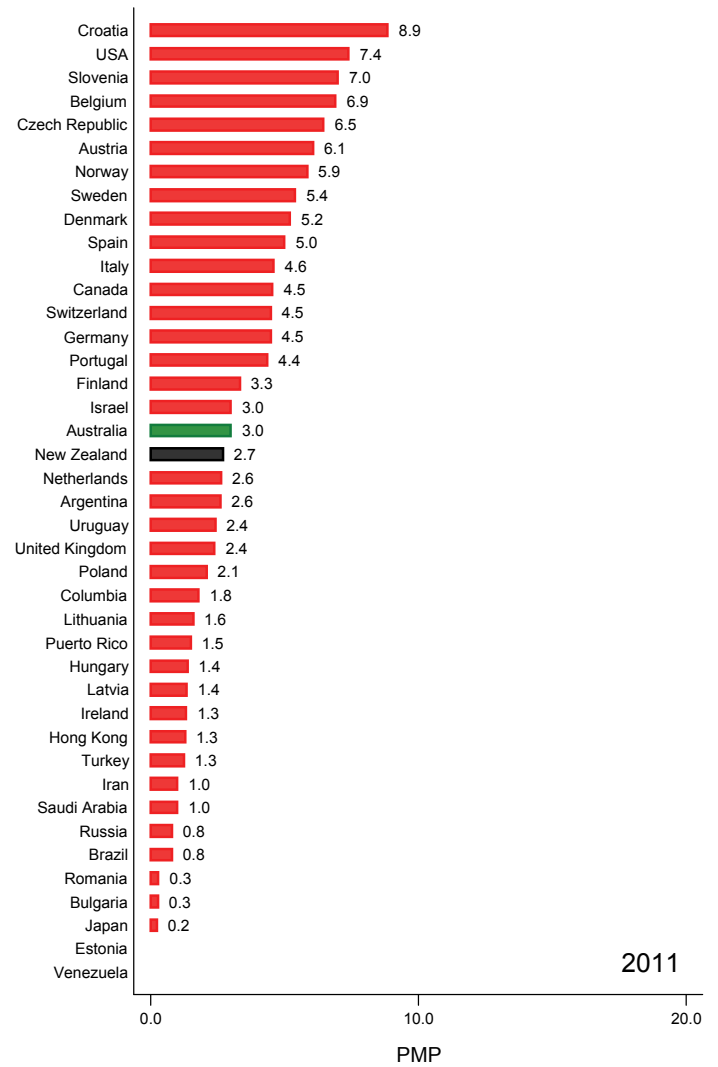
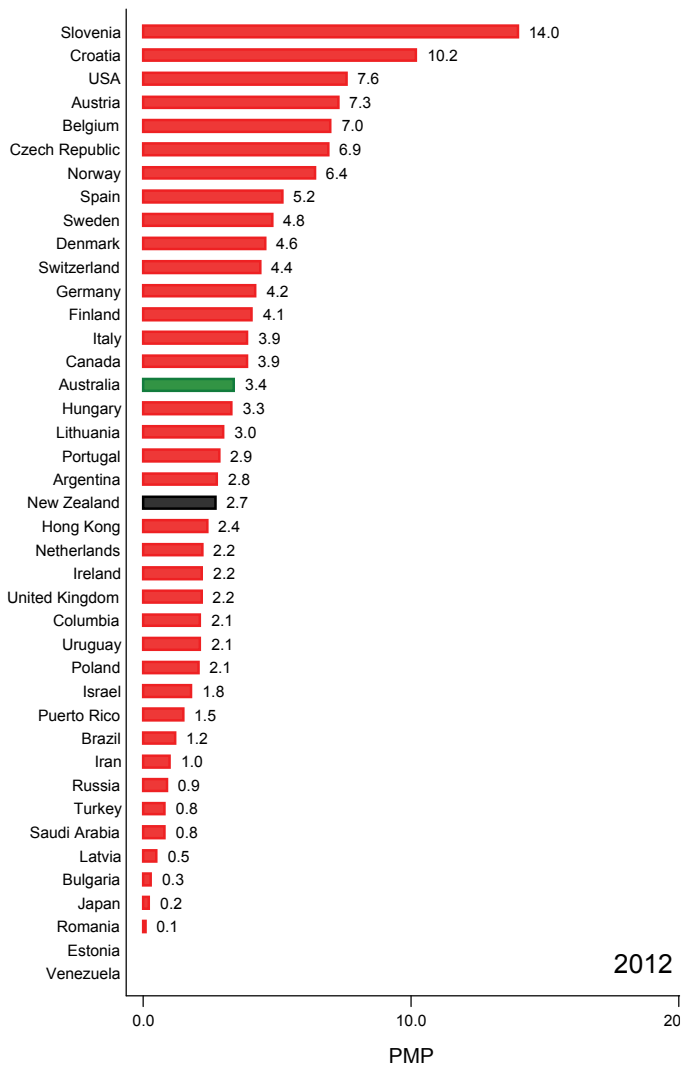
# International comparisons

## International Heart Transplantation from Deceased Donors (Per Million Population)

Figures 2.15 and 2.16 represent a comparison of the same 41 countries who provided complete transplantation activity from deceased donors, per million population, for heart in 2012 and 2011 respectively. This does not represent the ranking of these countries world wide.

**Figure 2.15 International Transplantation Rates Heart 2012**

**Figure 2.16 International Transplantation Rates Heart 2011**



Data sourced from IRODaT [http://www.irodat.org/irodat\\_all\\_en.php](http://www.irodat.org/irodat_all_en.php) on October 4, 2013.

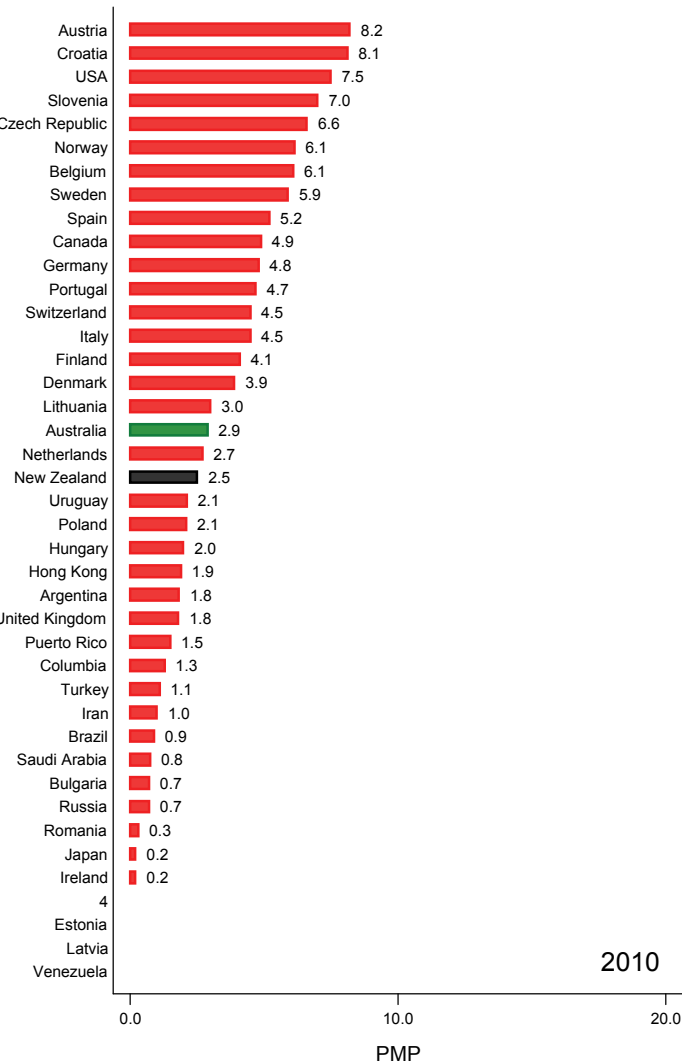


# International comparisons

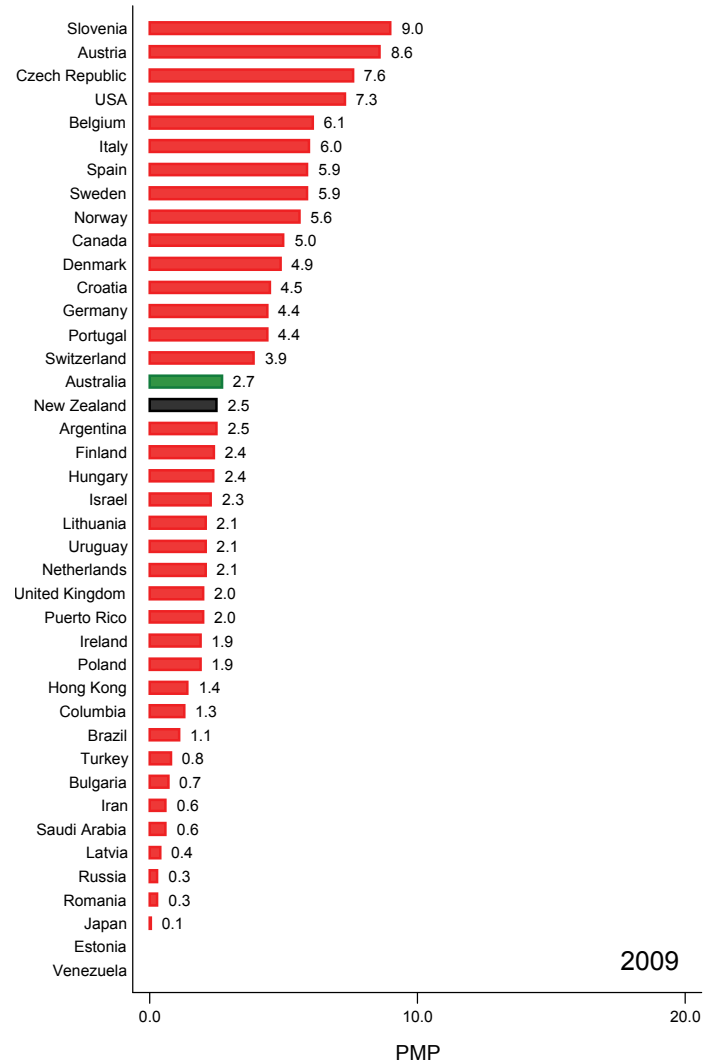
## International Heart Transplantation from Deceased Donors (Per Million Population)

Figures 2.17 and 2.18 represent a comparison of the same 41 countries who provided complete transplantation activity from deceased donors, per million population, for heart in 2010 and 2009 respectively. This does not represent the ranking of these countries world wide.

**Figure 2.17 International Transplantation Rates Heart 2010**



**Figure 2.18 International Transplantation Rates Heart 2009**



Data sourced from IRODaT [http://www.irodat.org/irodat\\_all\\_en.php](http://www.irodat.org/irodat_all_en.php) on October 4, 2013.



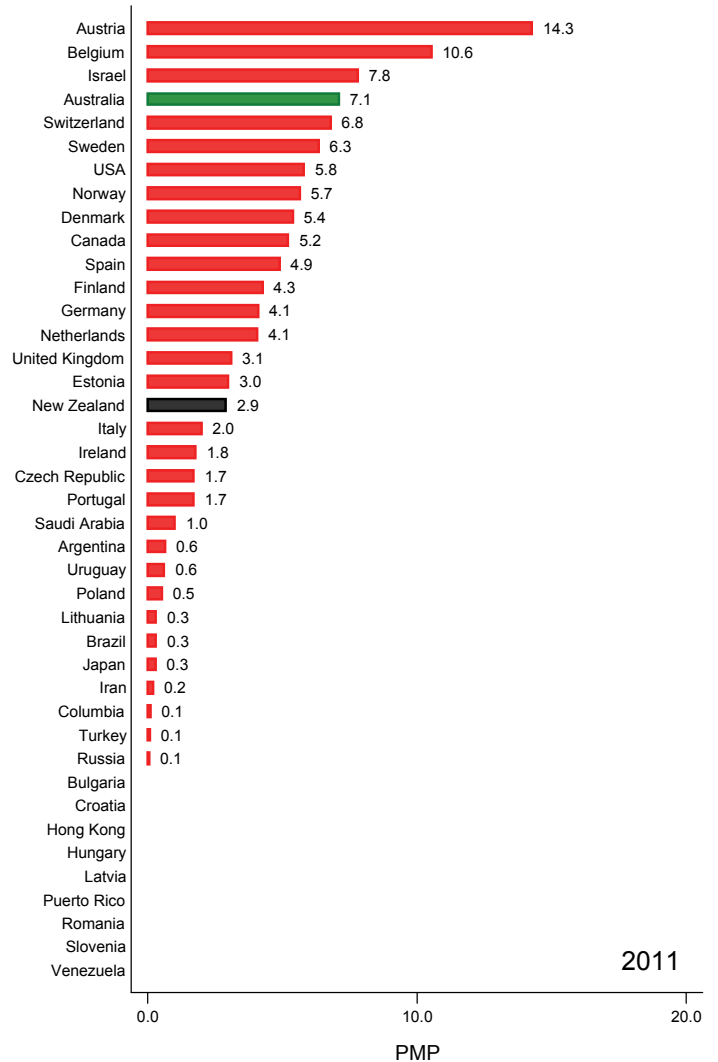
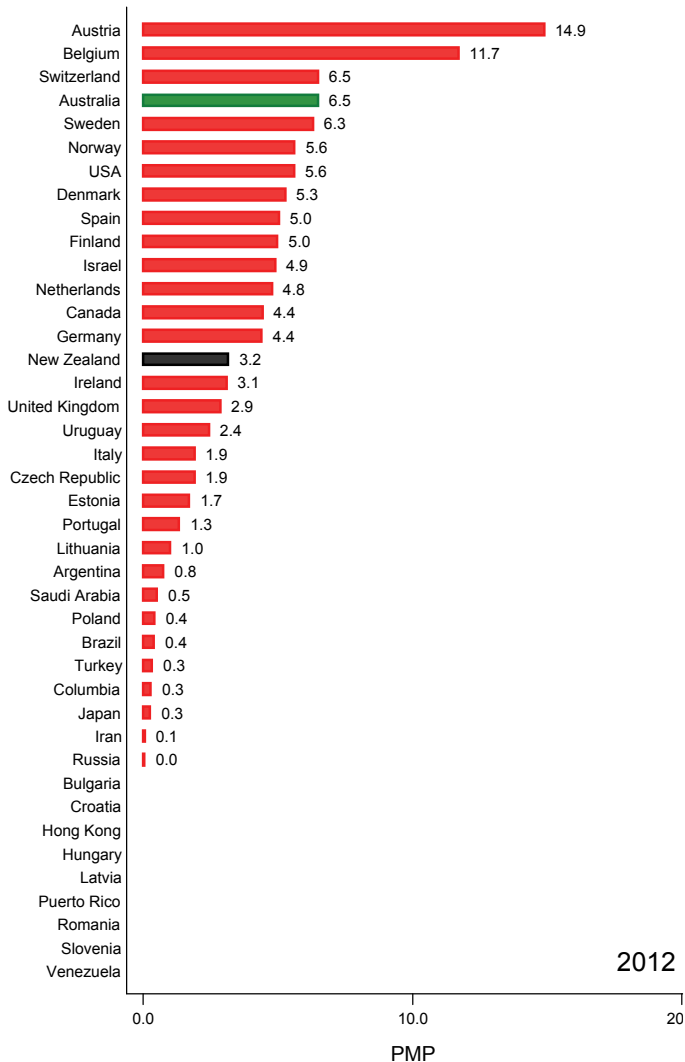
# International comparisons

## International Lung Transplantation from Deceased Donors (Per Million Population)

Figures 2.19 and 2.20 represent a comparison of the same 41 countries who provided complete transplantation activity from deceased donors, per million population, for lung in 2012 and 2011 respectively. This does not represent the ranking of these countries world wide.

**Figure 2.19 International Transplantation Rates Lung 2012**

**Figure 2.20 International Transplantation Rates Lung 2011**



Data sourced from IRODaT [http://www.irodat.org/irodat\\_all\\_en.php](http://www.irodat.org/irodat_all_en.php) on October 4, 2013.



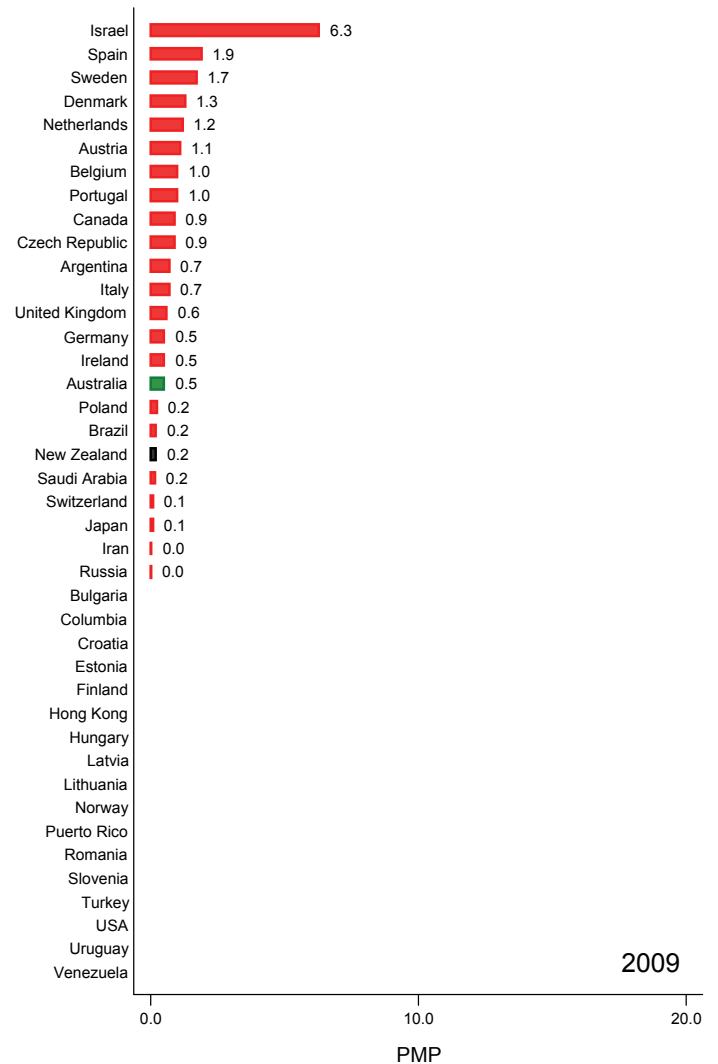
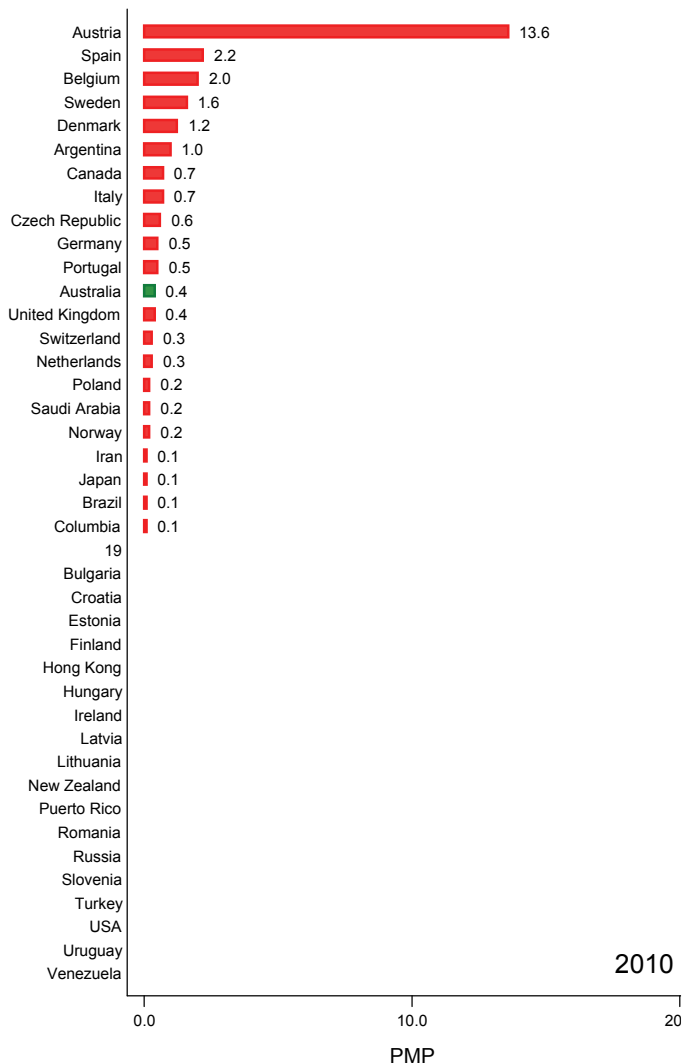
# International comparisons

## International Lung Transplantation from Deceased Donors (Per Million Population)

Figures 2.21 and 2.22 represent a comparison of the same 41 countries who provided complete transplantation activity from deceased donors, per million population, for lung in 2010 and 2009 respectively. This does not represent the ranking of these countries world wide.

**Figure 2.21 International Transplantation Rates Lung 2010**

**Figure 2.22 International Transplantation Rates Lung 2009**



Data sourced from IRODaT [http://www.irodat.org/irodat\\_all\\_en.php](http://www.irodat.org/irodat_all_en.php) on October 4, 2013.



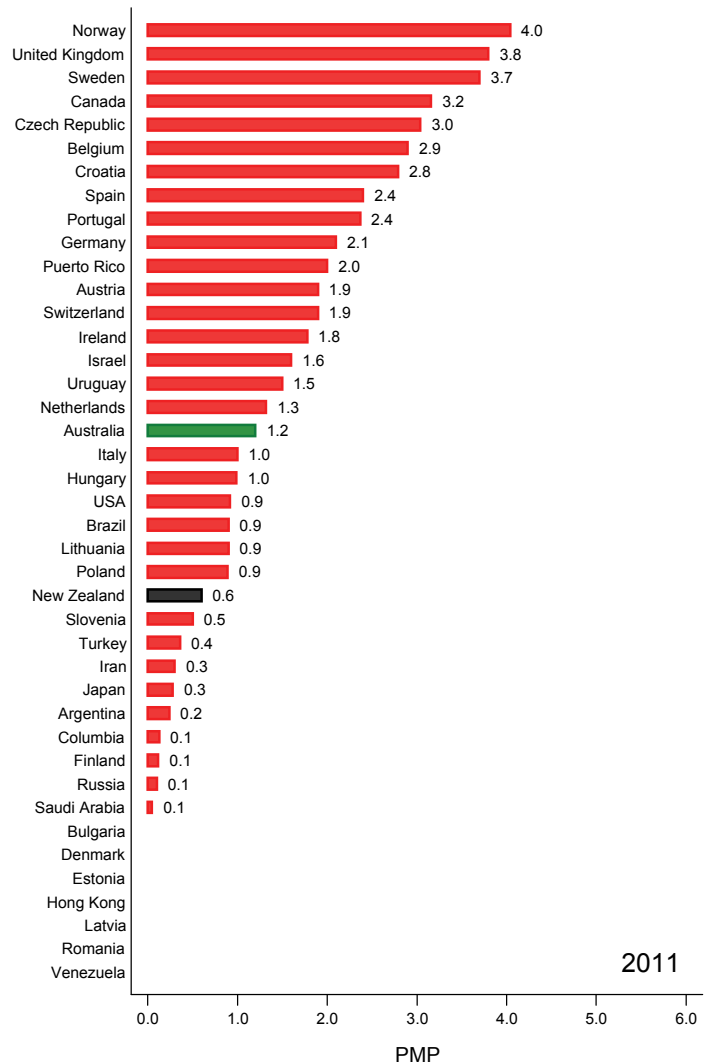
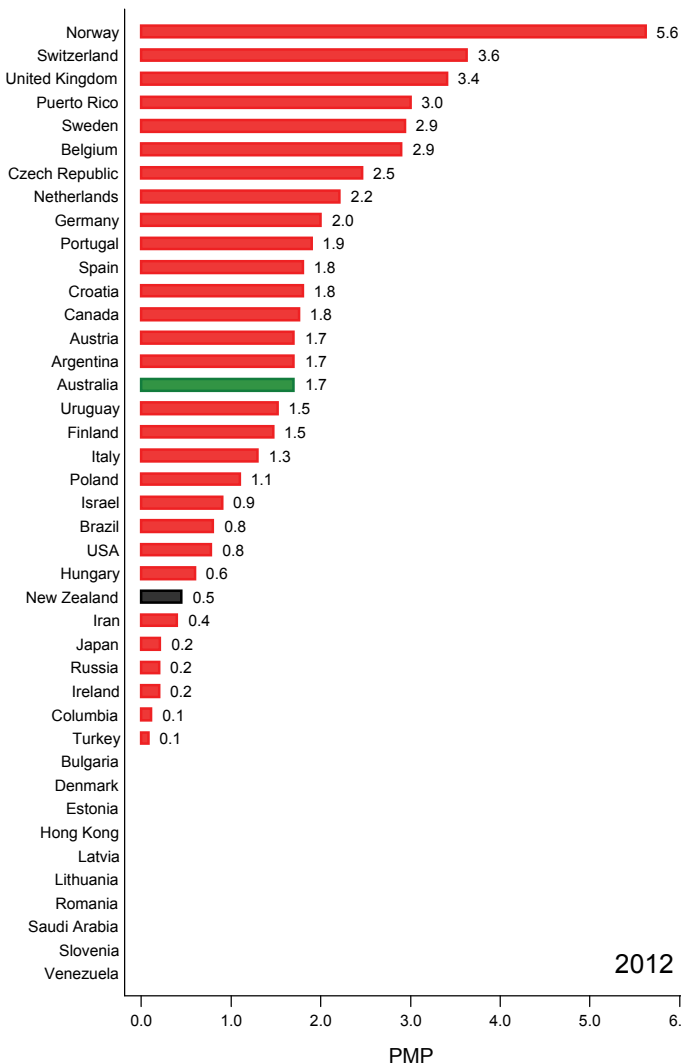
# International comparisons

## International Pancreas Transplantation from Deceased Donors (Per Million Population)

Figures 2.23 and 2.24 represent a comparison of the same 41 countries who provided complete transplantation activity from deceased donors, per million population, for pancreas in 2012 and 2011 respectively. This does not represent the ranking of these countries world wide.

**Figure 2.23 International Transplantation Rates Pancreas 2012**

**Figure 2.24 International Transplantation Rates Pancreas 2011**



Data sourced from IRODaT [http://www.irodat.org/irodat\\_all\\_en.php](http://www.irodat.org/irodat_all_en.php) on October 4, 2013.



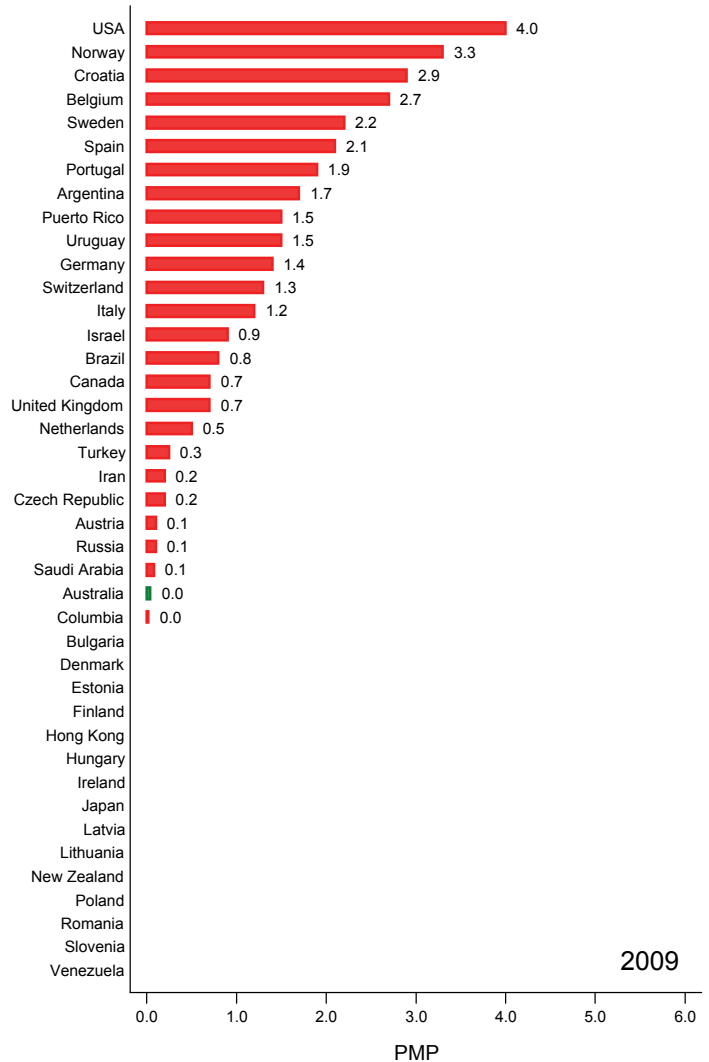
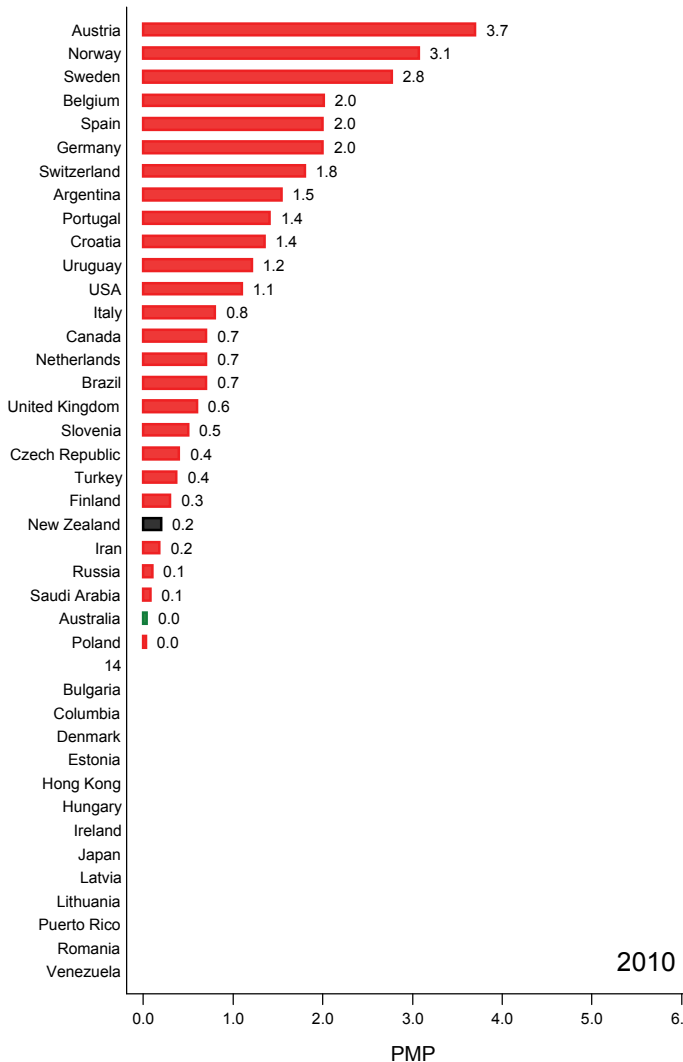
# International comparisons

## International Pancreas Transplantation from Deceased Donors (Per Million Population)

Figures 2.25 and 2.26 represent a comparison of the same 41 countries who provided complete transplantation activity from deceased donors, per million population, for pancreas in 2010 and 2009 respectively. This does not represent the ranking of these countries world wide.

**Figure 2.25 International Transplantation Rates Pancreas 2010**

**Figure 2.26 International Transplantation Rates Pancreas 2009**



Data sourced from IRODaT [http://www.irodat.org/irodat\\_all\\_en.php](http://www.irodat.org/irodat_all_en.php) on October 4, 2013.



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