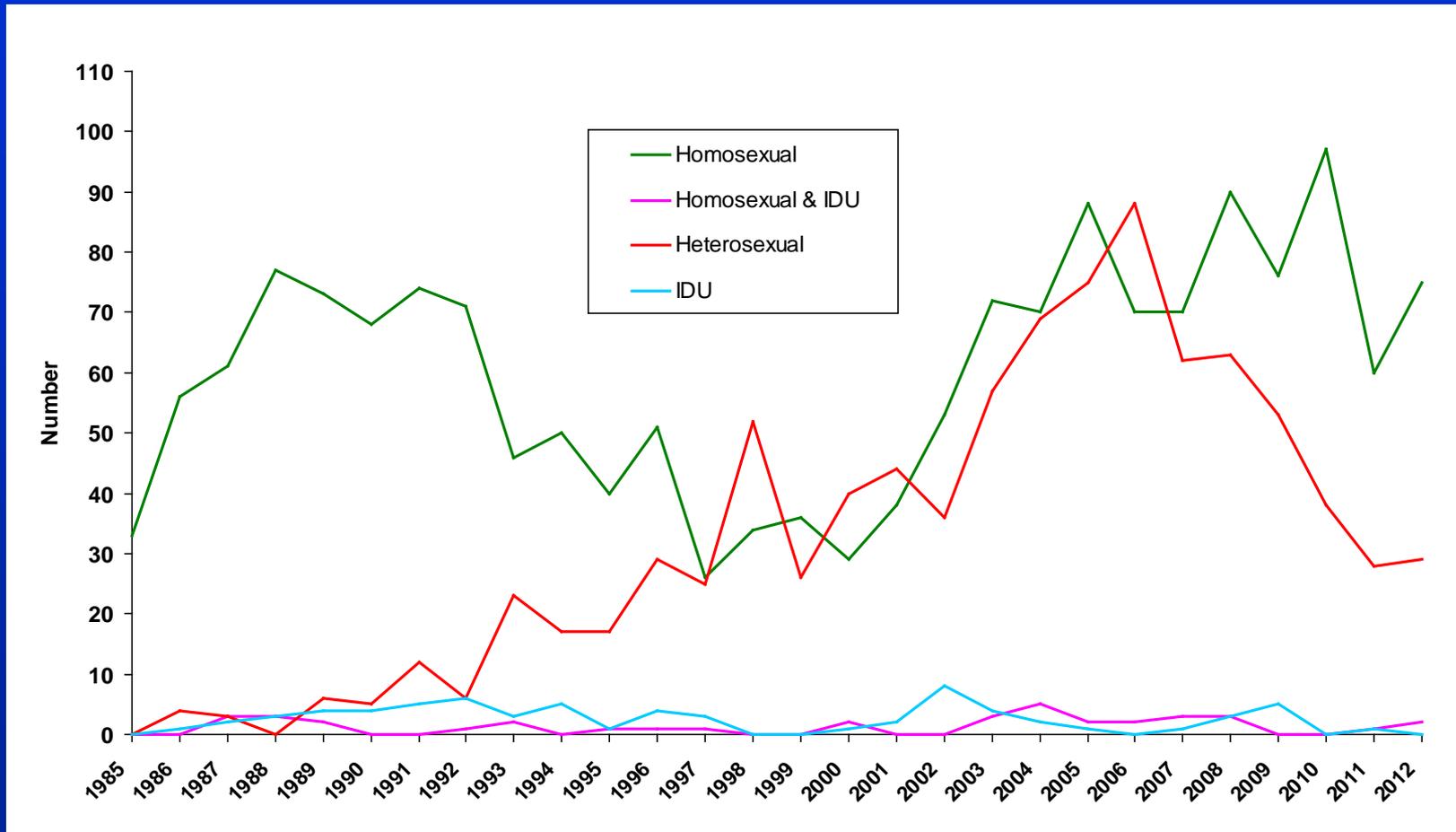


HIV diagnoses in New Zealand in 2012 by antibody and viral load test

Tony Hughes
Research Director
New Zealand AIDS Foundation

NZAF National Staff Hui, Vaughan Park, Auckland, 29-30 April 2013

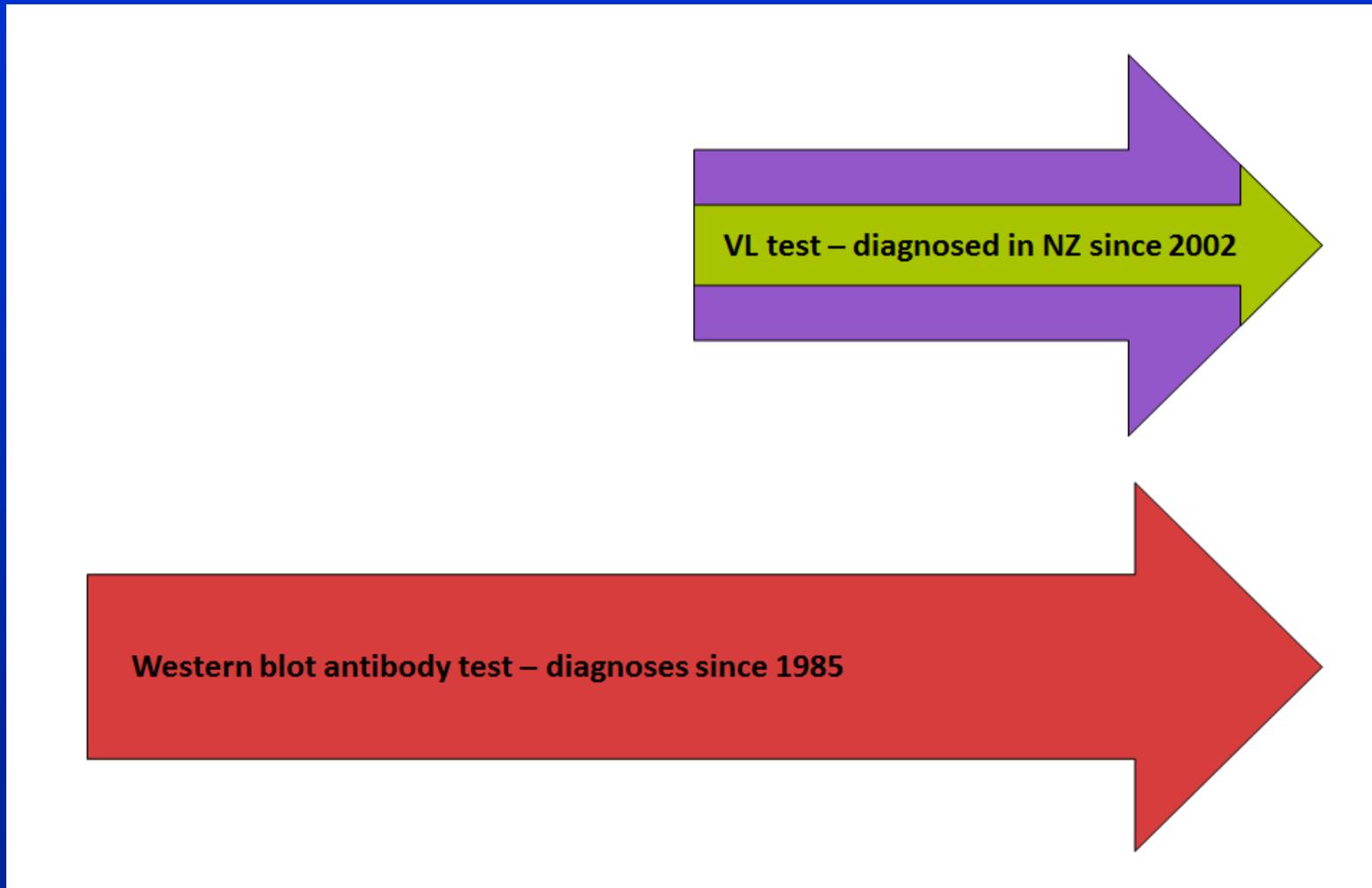
Annual HIV diagnoses by antibody testing in New Zealand, 1985-2012



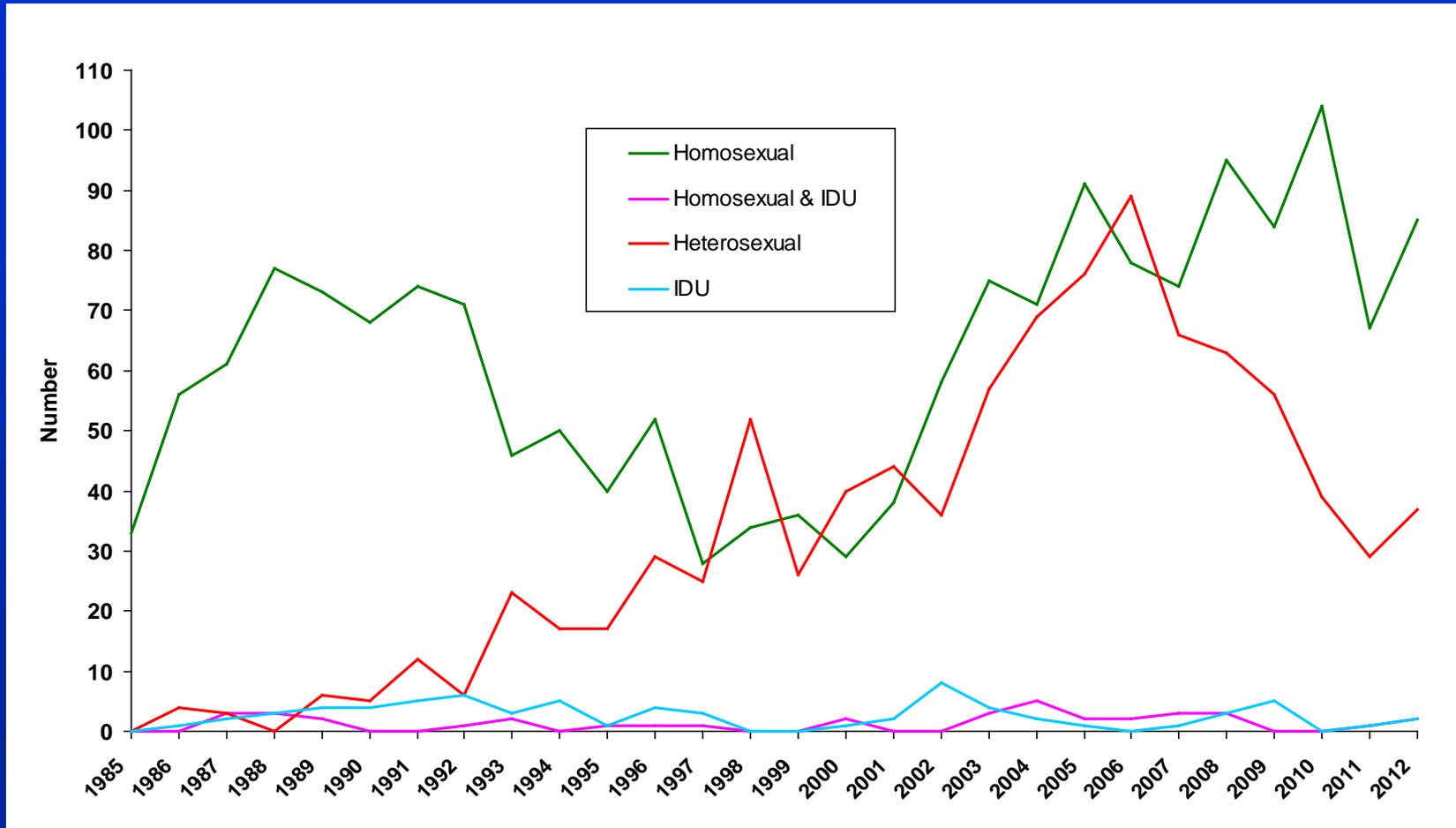
Note: Does not distinguish between infections acquired in New Zealand and overseas.

Data provided by AIDS Epidemiology Group, Department of Preventive and Social Medicine, University of Otago
Graph produced by Research, Analysis and Information Unit, New Zealand AIDS Foundation 2013.

Western blot antibody and viral load tests in New Zealand



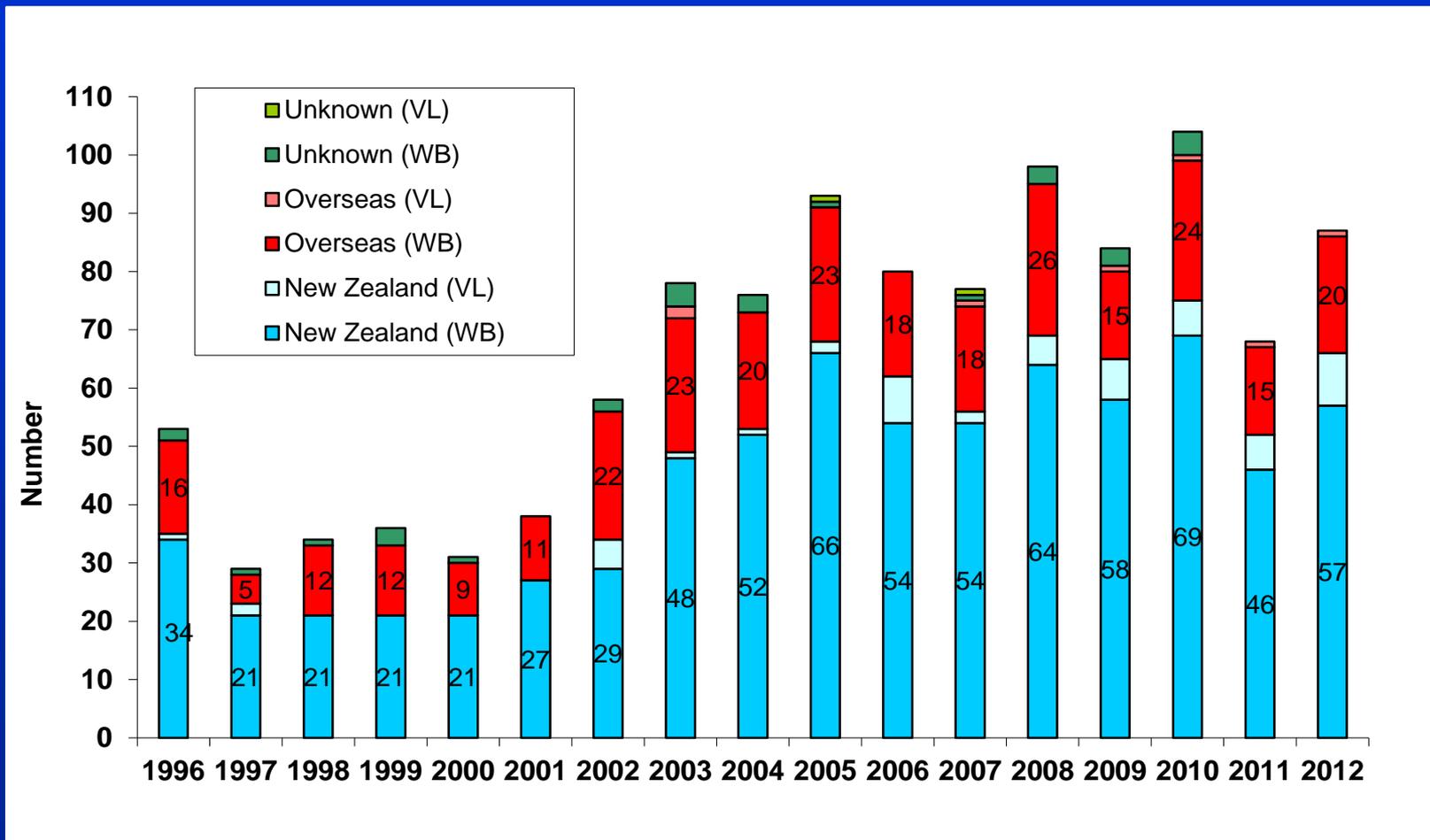
Annual HIV diagnoses by antibody and viral load testing in New Zealand, 1985-2012



Note: Does not distinguish between infections acquired in New Zealand and overseas.

Data provided by AIDS Epidemiology Group, Department of Preventive and Social Medicine, University of Otago
Graph produced by Research, Analysis and Information Unit, New Zealand AIDS Foundation 2013.

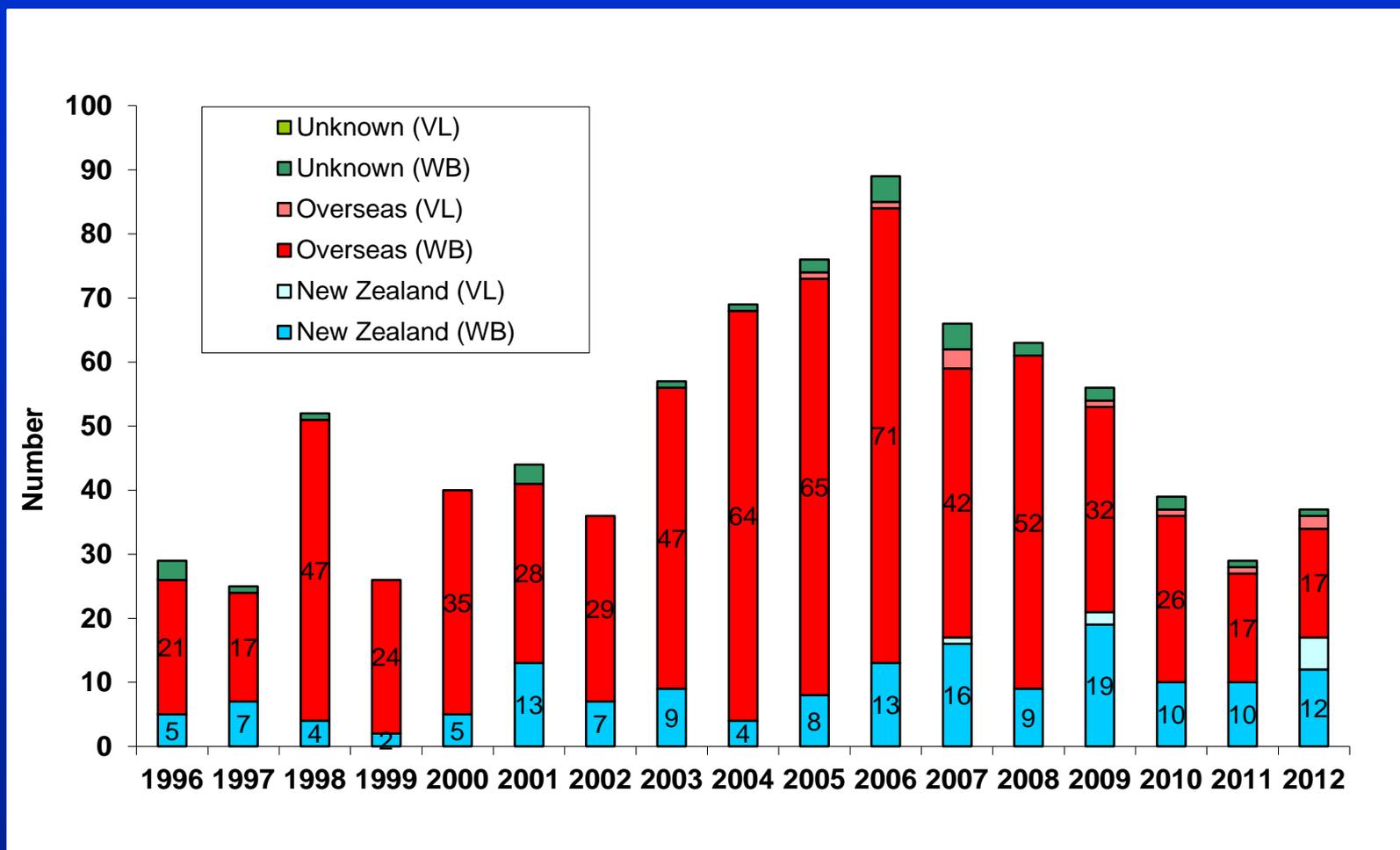
Annual HIV diagnoses in MSM by antibody and viral load testing in New Zealand, 1996-2012: Place of infection



Note: Includes both homosexual/bisexual and homosexual/bisexual/IDU

Data provided by AIDS Epidemiology Group, Department of Preventive and Social Medicine, University of Otago
 Graph produced by Research, Analysis and Information Unit, New Zealand AIDS Foundation 2013.

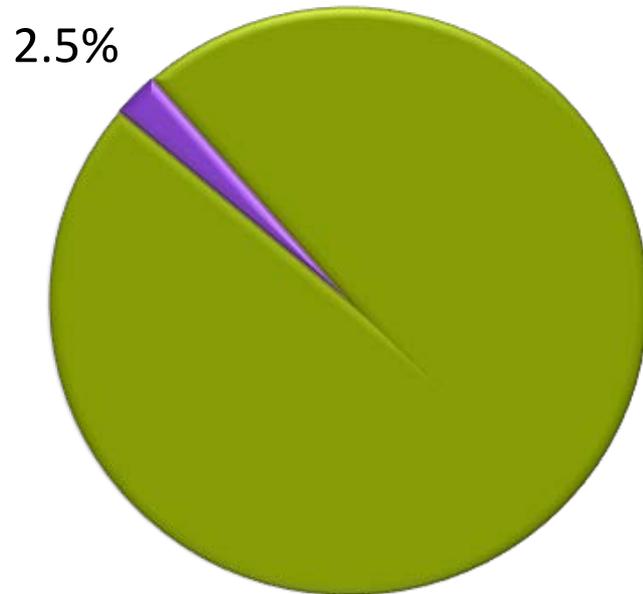
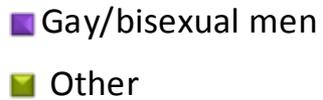
Annual heterosexual HIV diagnoses by antibody and viral load testing in New Zealand, 1996-2012: Place of infection



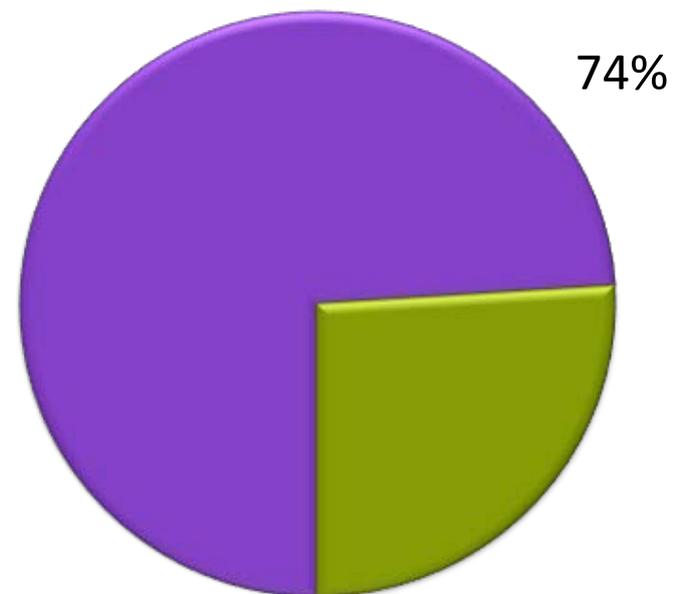
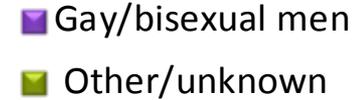
Data provided by AIDS Epidemiology Group, Department of Preventive and Social Medicine, University of Otago
 Graph produced by Research, Analysis and Information Unit, New Zealand AIDS Foundation 2013.

HIV diagnoses by antibody and viral load testing in 2012 where infection occurred in New Zealand

Total NZ population



HIV acquired in NZ



Note: (1) Includes both homosexual/bisexual and homosexual/bisexual/IDU

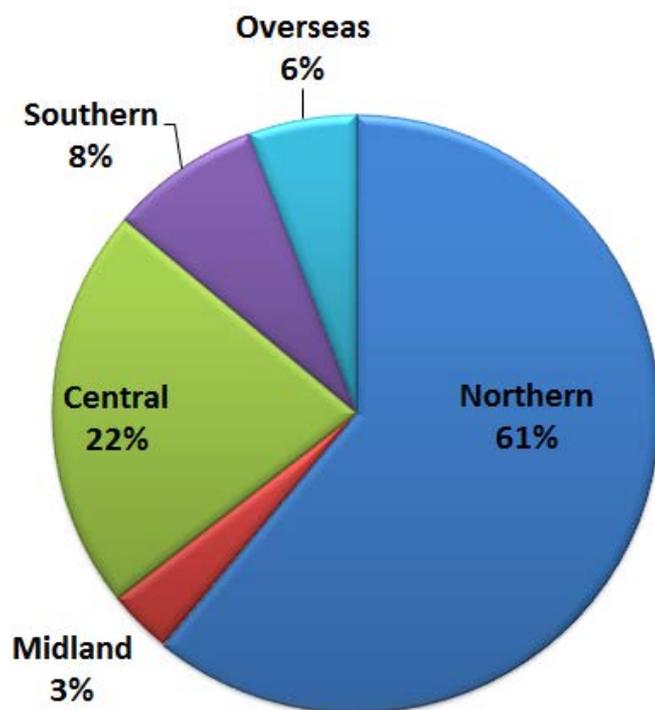
(2) In 2012, **90** people diagnosed with HIV were thought to have been infected in New Zealand of whom **67** (74.4%) were MSM.

Data provided by AIDS Epidemiology Group, Department of Preventive and Social Medicine, University of Otago.

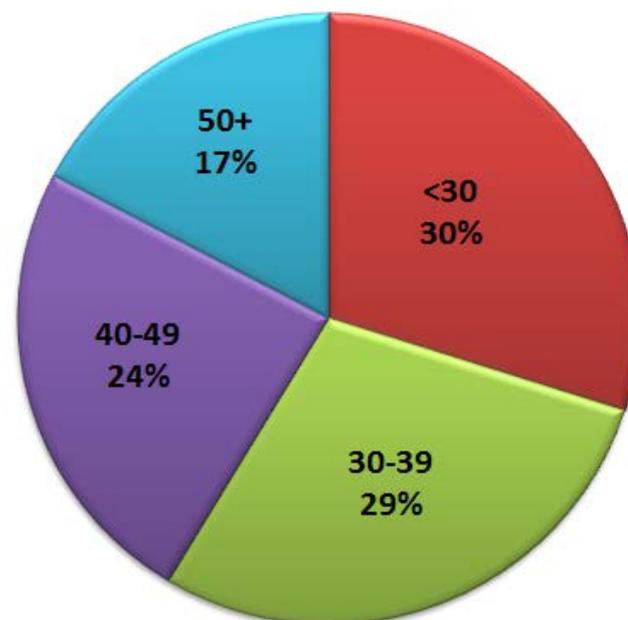
Graph produced by Research, Analysis and Information Unit, New Zealand AIDS Foundation, March 2013.

Age and area of residence of MSM diagnosed with HIV in New Zealand in 2012 (n=87)

Area of residence

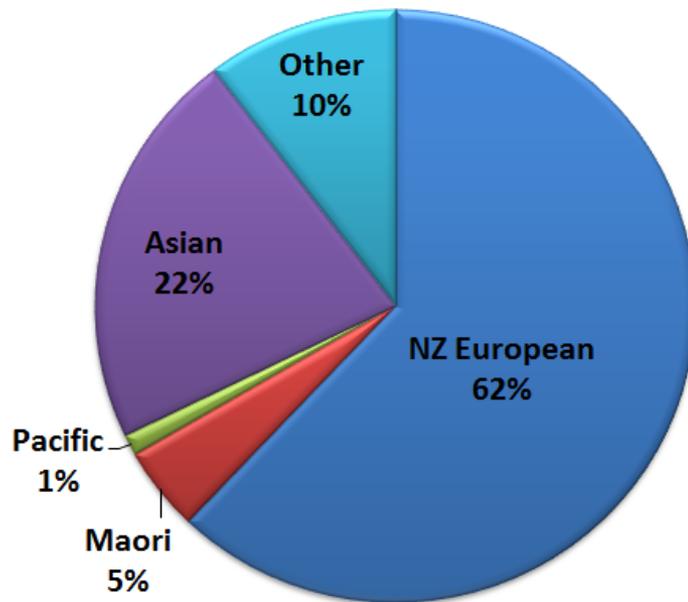


Age

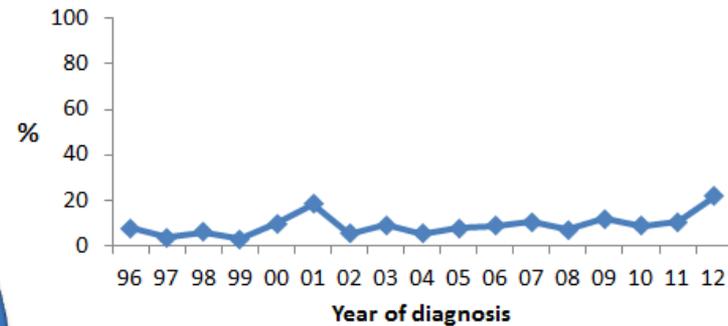


Ethnicity of MSM diagnosed with HIV in New Zealand in 2012 (n=87)

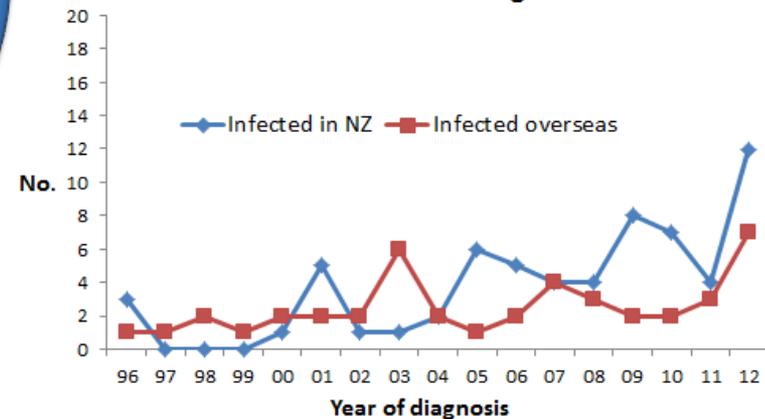
Ethnicity



Proportion of total MSM (WB & VL) who were Asian



Place of infection of Asians diagnosed in NZ



Conclusion

- (a) New HIV diagnoses in MSM in 2011 by both antibody and viral load tests where infection occurred in New Zealand were the lowest recorded since 2003.
- (b) In percentage terms the decline from 2010 (n=75) to 2011 (n=52) was 31% when measured by antibody and viral load tests for HIV infections that occurred in New Zealand.
- (c) In 2012 the numbers reported through antibody testing remained similar to 2011 for most of the year, but a high number of new HIV diagnoses occurred in the last quarter that came through in the final antibody test tally for 2012 (n=57), together with some delayed reporting. The viral load numbers for 2012 were then added (n=9), giving a total of 66 MSM diagnoses in 2012 where infection occurred in New Zealand.
- (d) So in summary new HIV diagnoses in MSM in 2012 where infection occurred in New Zealand was down 12% from the high point in 2010 when measured through both antibody and viral load tests. [Data as at 20 March 2013].

Acknowledgements

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