

## ARTHRITIS/CHRONIC BACK PAIN

These results should be viewed in conjunction with the following two papers from the Medical Journal of Australia:

The survey methods used in the collection of prevalence data of which this paper is a secondary analysis are fully described in:

1. Knox SA, Harrison CM, Britt HC, Henderson JV. *Estimating prevalence of common chronic morbidities in Australia*. Med J Aust 2008; 189: 66-71

The analytical methods used for multimorbidity are described in:

2. Britt HC, Harrison CM, Miller GC, Knox SA. *Prevalence and patterns of multimorbidity in Australia*. Med J Aust 2008; 189: 72-77

| Key:     | Surveyed morbidities included   |
|----------|---|
| Cardiac  | Ischaemic heart disease, chronic heart failure  |
| COAD     | Chronic obstructive Airways disease   |
| GORD     | Gastro-oesophageal reflux disease   |
| Vascular | Hypertension, peripheral vascular disease, hyperlipidamia, other cardiovascular disease |

Multimorbidity is defined in this study as the presence of 2 or more morbidity domains

|  | People who attended a GP at least once in 05-06 |              |              | Australian population 05-06 |              |              |
|--|---|--------------|--------------|-----------------------------|--------------|--------------|
|  | Est. Prevalence                                 | 95% LCL      | 95% UCL      | Est. Prevalence             | 95% LCL      | 95% UCL      |
| <b>Estimated prevalence of Arthritis/chronic back pain<sup>(2)</sup></b>                                 | <b>20.4%</b>                                    | <b>18.0%</b> | <b>21.9%</b> | <b>17.9%</b>                | <b>15.8%</b> | <b>19.3%</b> |
| <b>Estimated prevalence of multimorbidity that includes Arthritis/chronic back pain<sup>(2)</sup></b>    | <b>16.6%</b>                                    | <b>15.2%</b> | <b>18.1%</b> | <b>14.6%</b>                | <b>13.4%</b> | <b>15.9%</b> |
| <b>Estimated prevalence of multimorbidity among those with Arthritis/chronic back pain<sup>(2)</sup></b> | <b>81.4%</b>                                    | —            | —            | <b>81.4%</b>                | —            | —            |
| <b>Co-morbidity domains with Arthritis/chr.back pain</b>   |   |              |              |                             |              |              |
| Arthritis/chr.back pain+Vascular (+/-other domains)  | 10.55%  | 9.50%        | 11.60%       | 9.28%                       | 8.36%        | 10.21%       |
| Arthritis/chr.back pain+Psychological (+/-other domains)   | 8.17%   | 7.24%        | 9.10%        | 7.18%                       | 6.37%        | 8.00%        |
| Arthritis/chr.back pain+GORD (+/-other domains)  | 5.46%   | 4.70%        | 6.23%        | 4.80%                       | 4.13%        | 5.48%        |
| Arthritis/chr.back pain+Cardiac (+/-other domains)   | 3.93%   | 3.42%        | 4.44%        | 3.46%                       | 3.01%        | 3.90%        |
| Arthritis/chr.back pain+Asthma/COAD (+/-other domains)   | 3.85%   | 3.34%        | 4.36%        | 3.39%                       | 2.94%        | 3.84%        |
| Arthritis/chr.back pain+Diabetes (+/-other domains)  | 2.91%   | 2.49%        | 3.33%        | 2.56%                       | 2.19%        | 2.93%        |
| Arthritis/chr.back pain+Cerebrovascular (+/-other domains)   | 1.40%   | 1.07%        | 1.73%        | 1.23%                       | 0.94%        | 1.53%        |
| Arthritis/chr.back pain+Malig't neoplasm (+/-other domains)  | 0.95%   | 0.72%        | 1.18%        | 0.84%                       | 0.63%        | 1.04%        |

## ASTHMA/COAD

These results should be viewed in conjunction with the following two papers from the Medical Journal of Australia:

The survey methods used in the collection of prevalence data of which this paper is a secondary analysis are fully described in:

1. Knox SA, Harrison CM, Britt HC, Henderson JV. *Estimating prevalence of common chronic morbidities in Australia*. Med J Aust 2008; 189: 66-71

The analytical methods used for multimorbidity are described in:

2. Britt HC, Harrison CM, Miller GC, Knox SA. *Prevalence and patterns of multimorbidity in Australia*. Med J Aust 2008; 189: 72-77

| Key:     | Surveyed morbidities included   |
|----------|---|
| Cardiac  | Ischaemic heart disease, chronic heart failure  |
| COAD     | Chronic obstructive Airways disease   |
| GORD     | Gastro-oesophageal reflux disease   |
| Vascular | Hypertension, peripheral vascular disease, hyperlipidamia, other cardiovascular disease |

Multimorbidity is defined in this study as the presence of 2 or more morbidity domains

|  | People who attended a GP at least once in 05-06 |              |              | Australian population 05-06 |              |              |
|--|---|--------------|--------------|-----------------------------|--------------|--------------|
|  | Est. Prevalence                                 | 95% LCL      | 95% UCL      | Est. Prevalence             | 95% LCL      | 95% UCL      |
| <b>Estimated prevalence of Asthma/COAD<sup>(2)</sup></b>                                 | <b>12.7%</b>                                    | <b>11.7%</b> | <b>13.8%</b> | <b>11.2%</b>                | <b>10.3%</b> | <b>12.1%</b> |
| <b>Estimated prevalence of multimorbidity that includes Asthma/COAD<sup>(2)</sup></b>    | <b>7.6%</b>                                     | <b>6.9%</b>  | <b>8.4%</b>  | <b>6.7%</b>                 | <b>6.1%</b>  | <b>7.4%</b>  |
| <b>Estimated prevalence of multimorbidity among those with Asthma/COAD<sup>(2)</sup></b> | <b>59.8%</b>                                    | —            | —            | <b>59.8%</b>                | —            | —            |
| <b>Co-morbidity domains with Asthma/COAD</b>   |   |              |              |                             |              |              |
| Asthma/COAD+Vascular (+/-other domains)  | 4.12%   | 3.63%        | 4.62%        | 3.63%                       | 3.19%        | 4.06%        |
| Asthma/COAD+Psychological (+/-other domains)   | 3.98%   | 3.43%        | 4.53%        | 3.50%                       | 3.02%        | 3.98%        |
| Asthma/COAD+Arthritis/chr.back pain (+/-other domains)                                   | 3.85%   | 3.34%        | 4.36%        | 3.39%                       | 2.94%        | 3.83%        |
| Asthma/COAD+GORD (+/-other domains)  | 2.63%   | 2.24%        | 3.03%        | 2.32%                       | 1.97%        | 2.66%        |
| Asthma/COAD+Cardiac (+/-other domains)   | 1.77%   | 1.46%        | 2.09%        | 1.56%                       | 1.28%        | 1.84%        |
| Asthma/COAD+Diabetes (+/-other domains)  | 1.35%   | 1.10%        | 1.60%        | 1.19%                       | 0.97%        | 1.41%        |
| Asthma/COAD+Cerebrovascular (+/-other domains)   | 0.57%   | 0.40%        | 0.74%        | 0.50%                       | 0.35%        | 0.65%        |
| Asthma/COAD+Malig't neoplasm (+/-other domains)  | 0.44%   | 0.31%        | 0.57%        | 0.38%                       | 0.27%        | 0.50%        |

## CARDIAC

These results should be viewed in conjunction with the following two papers from the Medical Journal of Australia:

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The analytical methods used for multimorbidity are described in:

2. Britt HC, Harrison CM, Miller GC, Knox SA. *Prevalence and patterns of multimorbidity in Australia*. Med J Aust 2008; 189: 72-77

| Key:            | Surveyed morbidities included   |
|-----------------|---|
| <b>Cardiac</b>  | Ischaemic heart disease, chronic heart failure  |
| <b>COAD</b>     | Chronic obstructive Airways disease   |
| <b>GORD</b>     | Gastro-oesophageal reflux disease   |
| <b>Vascular</b> | Hypertension, peripheral vascular disease, hyperlipidamia, other cardiovascular disease |

Multimorbidity is defined in this study as the presence of 2 or more morbidity domains

|   | People who attended a GP at least once in 05-06 |         |         | Australian population 05-06 |         |         |
|---|---|---------|---------|-----------------------------|---------|---------|
|   | Est. Prevalence                                 | 95% LCL | 95% UCL | Est. Prevalence             | 95% LCL | 95% UCL |
| <b>Estimated prevalence of Cardiac <sup>(2)</sup></b>                                 | 7.1%  | 6.4%    | 7.9%    | 6.2%                        | 5.6%    | 7.0%    |
| <b>Estimated prevalence of multimorbidity that includes Cardiac <sup>(2)</sup></b>    | 7.0%  | 6.2%    | 7.7%    | 6.2%                        | 5.5%    | 6.8%    |
| <b>Estimated prevalence of multimorbidity among those with Cardiac <sup>(2)</sup></b> | 98.6%   | —       | —       | 98.6%                       | —       | —       |
| <b>Co-morbidity domains with Cardiac</b>  |   |         |         |                             |         |         |
| Cardiac+Vascular (+/-other domains)   | 5.78%   | 5.14%   | 6.42%   | 5.09%                       | 4.52%   | 5.65%   |
| Cardiac+Arthritis/chr.back pain (+/-other domains)                                    | 3.93%   | 3.42%   | 4.44%   | 3.46%                       | 3.01%   | 3.90%   |
| Cardiac+Psychological (+/-other domains)  | 2.59%   | 2.16%   | 3.03%   | 2.28%                       | 1.90%   | 2.66%   |
| Cardiac+GORD (+/-other domains)   | 2.20%   | 1.83%   | 2.56%   | 1.93%                       | 1.61%   | 2.25%   |
| Cardiac+Diabetes (+/-other domains)   | 1.88%   | 1.55%   | 2.20%   | 1.65%                       | 1.37%   | 1.94%   |
| Cardiac+Asthma/COAD (+/-other domains)  | 1.77%   | 1.46%   | 2.09%   | 1.56%                       | 1.28%   | 1.84%   |
| Cardiac+Cerebrovascular (+/-other domains)  | 1.13%   | 0.85%   | 1.40%   | 0.99%                       | 0.75%   | 1.23%   |
| Cardiac+Malig't neoplasm (+/-other domains)   | 0.55%   | 0.40%   | 0.70%   | 0.48%                       | 0.35%   | 0.61%   |

**CEREBROVASCULAR DISEASE**

These results should be viewed in conjunction with the following two papers from the Medical Journal of Australia:

- The survey methods used in the collection of prevalence data of which this paper is a secondary analysis are fully described in:  
 1. Knox SA, Harrison CM, Britt HC, Henderson JV. *Estimating prevalence of common chronic morbidities in Australia*. Med J Aust 2008; 189; 66-71  
 The analytical methods used for multimorbidity are described in:  
 2. Britt HC, Harrison CM, Miller GC, Knox SA. *Prevalence and patterns of multimorbidity in Australia*. Med J Aust 2008; 189: 72-77

| Key:            | Surveyed morbidities included   |
|-----------------|---|
| <b>Cardiac</b>  | Ischaemic heart disease, chronic heart failure  |
| <b>COAD</b>     | Chronic obstructive Airways disease   |
| <b>GORD</b>     | Gastro-oesophageal reflux disease   |
| <b>Vascular</b> | Hypertension, peripheral vascular disease, hyperlipidamia, other cardiovascular disease |

Multimorbidity is defined in this study as the presence of 2 or more morbidity domains

|   | People who attended a GP at least once in 05-06 |             |             | Australian population 05-06 |             |             |
|---|---|-------------|-------------|-----------------------------|-------------|-------------|
|   | Est. Prevalence                                 | 95% LCL     | 95% UCL     | Est. Prevalence             | 95% LCL     | 95% UCL     |
| <b>Estimated prevalence of Cerebrovasc. dis<sup>(2)</sup></b>                                 | <b>2.4%</b>                                     | <b>1.9%</b> | <b>2.9%</b> | <b>2.1%</b>                 | <b>1.7%</b> | <b>2.6%</b> |
| <b>Estimated prevalence of multimorbidity that includes Cerebrovasc. dis<sup>(2)</sup></b>    | <b>2.2%</b>                                     | <b>1.8%</b> | <b>2.7%</b> | <b>1.9%</b>                 | <b>1.6%</b> | <b>2.4%</b> |
| <b>Estimated prevalence of multimorbidity among those with Cerebrovasc. dis<sup>(2)</sup></b> | <b>91.7%</b>                                    | <b>—</b>    | <b>—</b>    | <b>91.7%</b>                | <b>—</b>    | <b>—</b>    |
| Cerebrovascular+Vascular (+/-other domains)   | 1.72%   | 1.36%       | 2.07%       | 1.51%                       | 1.20%       | 1.82%       |
| Cerebrovascular +Arthritis/chr.back pain (+/-other domains)                                   | 1.40%   | 1.07%       | 1.73%       | 1.23%                       | 0.94%       | 1.53%       |
| Cerebrovascular+Psychological (+/-other domains)  | 1.14%   | 0.84%       | 1.44%       | 1.00%                       | 0.74%       | 1.27%       |
| Cerebrovascular+Cardiac (+/-other domains)  | 1.13%   | 0.85%       | 1.40%       | 0.99%                       | 0.75%       | 1.23%       |
| Cerebrovascular+GORD (+/-other domains)   | 0.77%   | 0.54%       | 0.99%       | 0.67%                       | 0.47%       | 0.87%       |
| Cerebrovascular+Asthma/COAD (+/-other domains)  | 0.57%   | 0.40%       | 0.74%       | 0.50%                       | 0.35%       | 0.65%       |
| Cerebrovascular+Diabetes (+/-other domains)   | 0.51%   | 0.35%       | 0.68%       | 0.45%                       | 0.31%       | 0.59%       |
| Cerebrovascular+Malig't neoplasm (+/-other domains)   | 0.13%   | 0.06%       | 0.20%       | 0.11%                       | 0.05%       | 0.18%       |

## DIABETES

These results should be viewed in conjunction with the following two papers from the Medical Journal of Australia:

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The analytical methods used for multimorbidity are described in:

2. Britt HC, Harrison CM, Miller GC, Knox SA. *Prevalence and patterns of multimorbidity in Australia*. Med J Aust 2008; 189: 72-77

| Key:     | Surveyed morbidities included   |
|----------|---|
| Cardiac  | Ischaemic heart disease, chronic heart failure  |
| COAD     | Chronic obstructive Airways disease   |
| GORD     | Gastro-oesophageal reflux disease   |
| Vascular | Hypertension, peripheral vascular disease, hyperlipidamia, other cardiovascular disease |

Multimorbidity is defined in this study as the presence of 2 or more morbidity domains

|   | People who attended a GP at least once in 05-06 |             |             | Australian population 05-06 |             |             |
|---|---|-------------|-------------|-----------------------------|-------------|-------------|
|   | Est. Prevalence                                 | 95% LCL     | 95% UCL     | Est. Prevalence             | 95% LCL     | 95% UCL     |
| <b>Estimated prevalence of Diabetes<sup>(2)</sup></b>                                 | <b>6.6%</b>                                     | <b>6.0%</b> | <b>7.3%</b> | <b>5.8%</b>                 | <b>5.3%</b> | <b>6.4%</b> |
| <b>Estimated prevalence of multimorbidity that includes Diabetes<sup>(2)</sup></b>    | <b>6.1%</b>                                     | <b>5.5%</b> | <b>6.7%</b> | <b>5.4%</b>                 | <b>4.8%</b> | <b>5.9%</b> |
| <b>Estimated prevalence of multimorbidity among those with Diabetes<sup>(2)</sup></b> | <b>92.4%</b>                                    | <b>—</b>    | <b>—</b>    | <b>92.4%</b>                | <b>—</b>    | <b>—</b>    |
| <b>Co-morbidity domains with Diabetes</b>   |   |             |             |                             |             |             |
| Diabetes+Vascular (+/-other domains)  | 5.02%   | 4.45%       | 5.58%       | 4.41%                       | 3.92%       | 4.91%       |
| Diabetes+Arthritis/chr.back pain (+/-other domains)                                   | 2.91%   | 2.49%       | 3.33%       | 2.56%                       | 2.19%       | 2.93%       |
| Diabetes+Psychological (+/-other domains)   | 2.23%   | 1.85%       | 2.62%       | 1.97%                       | 1.63%       | 2.30%       |
| Diabetes+Cardiac (+/-other domains)   | 1.88%   | 1.55%       | 2.20%       | 1.65%                       | 1.37%       | 1.94%       |
| Diabetes+GORD (+/-other domains)  | 1.67%   | 1.36%       | 1.97%       | 1.47%                       | 1.20%       | 1.73%       |
| Diabetes+Asthma/COAD (+/-other domains)   | 1.35%   | 1.10%       | 1.60%       | 1.19%                       | 0.97%       | 1.41%       |
| Diabetes+Cerebrovascular (+/-other domains)   | 0.51%   | 0.35%       | 0.68%       | 0.45%                       | 0.31%       | 0.59%       |
| Diabetes+Malig't neoplasm (+/-other domains)  | 0.34%   | 0.24%       | 0.45%       | 0.30%                       | 0.21%       | 0.40%       |

## GASTRO-OESOPHAGEAL REFLUX DISEASE (GORD)

These results should be viewed in conjunction with the following two papers from the Medical Journal of Australia:

- The survey methods used in the collection of prevalence data of which this paper is a secondary analysis are fully described in:  
 1. Knox SA, Harrison CM, Britt HC, Henderson JV. *Estimating prevalence of common chronic morbidities in Australia*. Med J Aust 2008; 189; 66-71  
 The analytical methods used for multimorbidity are described in:  
 2. Britt HC, Harrison CM, Miller GC, Knox SA. *Prevalence and patterns of multimorbidity in Australia*. Med J Aust 2008; 189: 72-77

| Key:     | Surveyed morbidities included   |
|----------|---|
| Cardiac  | Ischaemic heart disease, chronic heart failure  |
| COAD     | Chronic obstructive Airways disease   |
| GORD     | Gastro-oesophageal reflux disease   |
| Vascular | Hypertension, peripheral vascular disease, hyperlipidamia, other cardiovascular disease |

Multimorbidity is defined in this study as the presence of 2 or more morbidity domains

|   | People who attended a GP at least once in 05-06 |             |              | Australian population 05-06 |             |              |
|---|---|-------------|--------------|-----------------------------|-------------|--------------|
|   | Est. Prevalence                                 | 95% LCL     | 95% UCL      | Est. Prevalence             | 95% LCL     | 95% UCL      |
| <b>Estimated prevalence of GORD<sup>(2)</sup></b>   | <b>10.4%</b>                                    | <b>9.4%</b> | <b>11.5%</b> | <b>9.1%</b>                 | <b>8.3%</b> | <b>10.1%</b> |
| <b>Estimated prevalence of multimorbidity that includes GORD<sup>(2)</sup></b>            | <b>9.1%</b>                                     | <b>8.1%</b> | <b>10.1%</b> | <b>8.0%</b>                 | <b>7.1%</b> | <b>8.9%</b>  |
| <b>Estimated prevalence of multimorbidity among those with Asthma/COAD<sup>GORD</sup></b> | <b>87.5%</b>                                    | <b>—</b>    | <b>—</b>     | <b>87.5%</b>                | <b>—</b>    | <b>—</b>     |
| <b>Co-morbidity domains with GORD</b>   |   |             |              |                             |             |              |
| GORD+Vascular (+/-other domains)  | 5.68%   | 4.95%       | 6.40%        | 4.99%                       | 4.35%       | 5.63%        |
| GORD+Arthritis/chr.back pain (+/-other domains)   | 5.46%   | 4.70%       | 6.23%        | 4.80%                       | 4.13%       | 5.48%        |
| GORD+Psychological (+/-other domains)   | 4.50%   | 3.84%       | 5.17%        | 3.96%                       | 3.38%       | 4.54%        |
| GORD+Asthma/COAD (+/-other domains)   | 2.63%   | 2.24%       | 3.03%        | 2.32%                       | 1.97%       | 2.67%        |
| GORD+Cardiac (+/-other domains)   | 2.20%   | 1.83%       | 2.56%        | 1.93%                       | 1.61%       | 2.25%        |
| GORD+Diabetes (+/-other domains)  | 1.67%   | 1.36%       | 1.97%        | 1.47%                       | 1.20%       | 1.73%        |
| GORD+Cerebro (+/-other domains)   | 0.77%   | 0.54%       | 0.99%        | 0.67%                       | 0.47%       | 0.87%        |
| GORD+Malig't neoplasm (+/-other domains)  | 0.36%   | 0.21%       | 0.50%        | 0.31%                       | 0.19%       | 0.44%        |

## MALIGNANT NEOPLASMS

These results should be viewed in conjunction with the following two papers from the Medical Journal of Australia:

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The analytical methods used for multimorbidity are described in:

2. Britt HC, Harrison CM, Miller GC, Knox SA. *Prevalence and patterns of multimorbidity in Australia*. Med J Aust 2008; 189: 72-77

| Key:     | Surveyed morbidities included   |
|----------|---|
| Cardiac  | Ischaemic heart disease, chronic heart failure  |
| COAD     | Chronic obstructive Airways disease   |
| GORD     | Gastro-oesophageal reflux disease   |
| Vascular | Hypertension, peripheral vascular disease, hyperlipidamia, other cardiovascular disease |

Multimorbidity is defined in this study as the presence of 2 or more morbidity domains

|   | People who attended a GP at least once in 05-06 |             |             | Australian population 05-06 |             |             |
|---|---|-------------|-------------|-----------------------------|-------------|-------------|
|   | Est. Prevalence                                 | 95% LCL     | 95% UCL     | Est. Prevalence             | 95% LCL     | 95% UCL     |
| <b>Estimated prevalence of Asthma/COAD<sup>(2)</sup></b>  | <b>2.3%</b>                                     | <b>1.9%</b> | <b>2.7%</b> | <b>2.0%</b>                 | <b>1.7%</b> | <b>2.4%</b> |
| <b>Estimated prevalence of multimorbidity that includes Malig't neoplasm<sup>(2)</sup></b>      | <b>1.8%</b>                                     | <b>1.5%</b> | <b>2.2%</b> | <b>1.6%</b>                 | <b>1.3%</b> | <b>1.9%</b> |
| <b>Estimated prevalence of multimorbidity among those with Malignant neoplasm<sup>(2)</sup></b> | <b>78.3%</b>                                    | <b>—</b>    | <b>—</b>    | <b>78.3%</b>                | <b>—</b>    | <b>—</b>    |
| <b>Co-morbidity domains with Malig't neoplasm</b>   |   |             |             |                             |             |             |
| Malig't neoplasm+Vascular (+/-other domains)  | 1.07%   | 0.83%       | 1.32%       | 0.94%                       | 0.73%       | 1.16%       |
| Malig't neoplasm+Arthritis/chr.back pain (+/-other domains)                                     | 0.95%   | 0.72%       | 1.18%       | 0.84%                       | 0.63%       | 1.04%       |
| Psychological+Malig't neoplasm (+/-other domains)   | 0.70%   | 0.51%       | 0.88%       | 0.61%                       | 0.45%       | 0.78%       |
| Malig't neoplasm+Cardiac (+/-other domains)   | 0.55%   | 0.40%       | 0.70%       | 0.48%                       | 0.35%       | 0.61%       |
| Malig't neoplasm+Asthma/COAD (+/-other domains)   | 0.44%   | 0.31%       | 0.57%       | 0.38%                       | 0.27%       | 0.50%       |
| Malig't neoplasm+GORD (+/-other domains)  | 0.36%   | 0.21%       | 0.50%       | 0.31%                       | 0.19%       | 0.44%       |
| Malig't neoplasm+Diabetes (+/-other domains)  | 0.34%   | 0.24%       | 0.45%       | 0.30%                       | 0.21%       | 0.40%       |
| Malig't neoplasm+Cerebrovascular (+/-other domains)   | 0.13%   | 0.06%       | 0.20%       | 0.11%                       | 0.05%       | 0.18%       |

**PSYCHOLOGICAL**

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| Key:            | Surveyed morbidities included   |
|-----------------|---|
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| <b>COAD</b>     | Chronic obstructive Airways disease   |
| <b>GORD</b>     | Gastro-oesophageal reflux disease   |
| <b>Vascular</b> | Hypertension, peripheral vascular disease, hyperlipidamia, other cardiovascular disease |

Multimorbidity is defined in this study as the presence of 2 or more morbidity domains

|  | People who attended a GP at least once in 05-06 |         |         | Australian population 05-06 |         |         |
|--|---|---------|---------|-----------------------------|---------|---------|
|  | Est. Prevalence                                 | 95% LCL | 95% UCL | Est. Prevalence             | 95% LCL | 95% UCL |
| <b>Estimated prevalence of Asthma/COAD<sup>(2)</sup></b>                                   | 22.1%   | 20.5%   | 23.6%   | 19.4%                       | 18.0%   | 20.8%   |
| <b>Estimated prevalence of multimorbidity that includes Psych problem<sup>(2)</sup></b>    | 14.8%   | 13.4%   | 16.1%   | 13.0%                       | 11.8%   | 14.2%   |
| <b>Estimated prevalence of multimorbidity among those with Psych problem<sup>(2)</sup></b> | 67.0%   | —       | —       | 67.0%                       | —       | —       |
| <b>Co-morbidity domains with Psych problem</b>   |   |         |         |                             |         |         |
| Psychological+Vascular (+/-other domains)  | 8.18%   | 7.28%   | 9.07%   | 7.19%                       | 6.41%   | 7.98%   |
| Psychological+Arthritis/chr.back pain (+/-other domains)                                   | 8.17%   | 7.24%   | 9.10%   | 7.18%                       | 6.37%   | 8.00%   |
| Psychological+GORD (+/-other domains)  | 4.50%   | 3.84%   | 5.17%   | 3.96%                       | 3.38%   | 4.54%   |
| Psychological+Asthma/COAD (+/-other domains)   | 3.98%   | 3.43%   | 4.53%   | 3.50%                       | 3.02%   | 3.98%   |
| Psychological+Diabetes (+/-other domains)  | 2.23%   | 1.85%   | 2.62%   | 1.97%                       | 1.63%   | 2.30%   |
| Psychological+Cardiac (+/-other domains)   | 2.59%   | 2.16%   | 3.03%   | 2.28%                       | 1.90%   | 2.66%   |
| Psychological+Cerebrovasacular (+/-other domains)  | 1.14%   | 0.84%   | 1.44%   | 1.00%                       | 0.74%   | 1.27%   |
| Psychological+Malig't neoplasm (+/-other domains)  | 0.70%   | 0.51%   | 0.88%   | 0.61%                       | 0.45%   | 0.78%   |

## VASCULAR DISEASE

These results should be viewed in conjunction with the following two papers from the Medical Journal of Australia:

- The survey methods used in the collection of prevalence data of which this paper is a secondary analysis are fully described in:  
 1. Knox SA, Harrison CM, Britt HC, Henderson JV. *Estimating prevalence of common chronic morbidities in Australia*. Med J Aust 2008; 189: 66-71  
 The analytical methods used for multimorbidity are described in:  
 2. Britt HC, Harrison CM, Miller GC, Knox SA. *Prevalence and patterns of multimorbidity in Australia*. Med J Aust 2008; 189: 72-77

| Key:     | Surveyed morbidities included   |
|----------|---|
| Cardiac  | Ischaemic heart disease, chronic heart failure  |
| COAD     | Chronic obstructive Airways disease   |
| GORD     | Gastro-oesophageal reflux disease   |
| Vascular | Hypertension, peripheral vascular disease, hyperlipidamia, other cardiovascular disease |

Multimorbidity is defined in this study as the presence of 2 or more morbidity domains

|   | People who attended a GP at least once in 05-06 |              |              | Australian population 05-06 |              |              |
|---|---|--------------|--------------|-----------------------------|--------------|--------------|
|   | Est. Prevalence                                 | 95% LCL      | 95% UCL      | Est. Prevalence             | 95% LCL      | 95% UCL      |
| <b>Estimated prevalence of Vascular disease<sup>(2)</sup></b>                                 | <b>24.6%</b>                                    | <b>23.1%</b> | <b>26.2%</b> | <b>21.7%</b>                | <b>20.3%</b> | <b>23.1%</b> |
| <b>Estimated prevalence of multimorbidity that includes Vascular Disease<sup>(2)</sup></b>    | <b>19.3%</b>                                    | <b>17.9%</b> | <b>20.7%</b> | <b>17.0%</b>                | <b>15.7%</b> | <b>18.2%</b> |
| <b>Estimated prevalence of multimorbidity among those with Vascular Disease<sup>(2)</sup></b> | <b>78.5%</b>                                    | <b>—</b>     | <b>—</b>     | <b>78.5%</b>                | <b>—</b>     | <b>—</b>     |
| <b>Co-morbidity domains with Asthma/COAD</b>  |   |              |              |                             |              |              |
| Vascular+ Arthritis/chr.back pain (+/-other domains)  | 10.55%  | 9.50%        | 11.60%       | 9.28%                       | 8.36%        | 10.21%       |
| Vascular+Psychological (+/-other domains)   | 8.18%   | 7.28%        | 9.07%        | 7.19%                       | 6.41%        | 7.98%        |
| Vascular +Cardiac (+/-other domains)  | 5.78%   | 5.14%        | 6.42%        | 5.09%                       | 4.52%        | 5.65%        |
| Vascular+GORD (+/-other domains)  | 5.68%   | 4.95%        | 6.40%        | 4.99%                       | 4.35%        | 5.63%        |
| Vascular+Diabetes (+/-other domains)  | 5.02%   | 4.45%        | 5.58%        | 4.41%                       | 3.92%        | 4.91%        |
| Vascular+Asthma/COAD (+/-other domains)   | 4.12%   | 3.63%        | 4.62%        | 3.63%                       | 3.19%        | 4.06%        |
| Vascular +Cerebrovascular (+/-other domains)  | 1.72%   | 1.36%        | 2.07%        | 1.51%                       | 1.20%        | 1.82%        |
| Vascular+Malig't neoplasm (+/-other domains)  | 1.07%   | 0.83%        | 1.32%        | 0.94%                       | 0.73%        | 1.16%        |