

Appendix 1 - 50% Health Care Impact on Trusts

DHSSPSNI capacity and possible pandemic flu demand over 15 week cycle

| Week | Cases per 100,000 | % of overall total | Acute Hospital Beds | | | | GP Consultations | | | | Out of Hour Centres | | Deaths | |
|------------------|-------------------|--------------------|-----------------------------|--------------------------------------|--|--------------------------------------|--|-----------------------------|----------------|----------------|----------------------------------|-----------------------------|---------------|---------------|
| | | | Normal availability | | Estimated additional demand ¹ | | Normal weekly consultations ⁴ | Estimated additional demand | | | Normal weekly calls ⁵ | Estimated additional demand | | |
| | | | All acute beds ¹ | Critical care beds only ² | All acute beds ¹ | Critical care beds only ² | | 10% | 20% | 50% | | | | |
| 1 | 36 | 0.1% | 4457 | 103 | 45 | 11 | 137,910 | 121 | 243 | 607 | 8,500 | 1,213 | 30 | 61 |
| 2 | 51 | 0.2% | 4457 | 103 | 64 | 16 | 137,910 | 172 | 344 | 859 | 8,500 | 1,719 | 43 | 86 |
| 3 | 205 | 0.8% | 4457 | 103 | 256 | 64 | 137,910 | 691 | 1,382 | 3,455 | 8,500 | 6,909 | 173 | 345 |
| 4 | 780 | 3.1% | 4457 | 103 | 973 | 243 | 137,910 | 2,629 | 5,258 | 13,145 | 8,500 | 26,289 | 657 | 1,314 |
| 5 | 2,638 | 10.6% | 4457 | 103 | 3290 | 822 | 137,910 | 8,891 | 17,782 | 44,456 | 8,500 | 88,911 | 2,223 | 4,446 |
| 6 | 5,388 | 21.6% | 4457 | 103 | 6719 | 1680 | 137,910 | 18,160 | 36,319 | 90,799 | 8,500 | 181,597 | 4,540 | 9,080 |
| 7 | 5,290 | 21.2% | 4457 | 103 | 6597 | 1649 | 137,910 | 17,829 | 35,659 | 89,147 | 8,500 | 178,294 | 4,457 | 8,915 |
| 8 | 3,568 | 14.3% | 4457 | 103 | 4449 | 1112 | 137,910 | 12,026 | 24,051 | 60,128 | 8,500 | 120,256 | 3,006 | 6,013 |
| 9 | 2,428 | 9.7% | 4457 | 103 | 3028 | 757 | 137,910 | 8,183 | 16,367 | 40,917 | 8,500 | 81,833 | 2,046 | 4,092 |
| 10 | 1,886 | 7.5% | 4457 | 103 | 2352 | 588 | 137,910 | 6,357 | 12,713 | 31,783 | 8,500 | 63,566 | 1,589 | 3,178 |
| 11 | 1,308 | 5.2% | 4457 | 103 | 1631 | 408 | 137,910 | 4,408 | 8,817 | 22,042 | 8,500 | 44,085 | 1,102 | 2,204 |
| 12 | 651 | 2.6% | 4457 | 103 | 812 | 203 | 137,910 | 2,194 | 4,388 | 10,971 | 8,500 | 21,941 | 549 | 1,097 |
| 13 | 392 | 1.6% | 4457 | 103 | 489 | 122 | 137,910 | 1,321 | 2,642 | 6,606 | 8,500 | 13,212 | 330 | 661 |
| 14 | 216 | 0.9% | 4457 | 103 | 269 | 67 | 137,910 | 728 | 1,456 | 3,640 | 8,500 | 7,280 | 182 | 364 |
| 15 | 164 | 0.7% | 4457 | 103 | 205 | 51 | 137,910 | 553 | 1,105 | 2,764 | 8,500 | 5,527 | 138 | 276 |
| All weeks | 25,001 | 100% | 66855 | 1545 | 31177 | 7794 | 2,068,656 | 84,263 | 168,527 | 421,317 | 127,500 | 842,634 | 21,066 | 42,132 |

| | | Of those infected: | | | | | | | |
|------------|----------------|-------------------------|---|------------------------|------------------------|------------------------|---------------------|---------------|-------------|
| Population | Infected (50%) | Hospitalisations (3.7%) | Critical Care (25% of hospitalisations) | GP Consultations (10%) | GP Consultations (20%) | GP Consultations (50%) | Out of Hours (100%) | Deaths (2.5%) | Deaths (5%) |
| 1685267 | 842634 | 31177 | 7794 | 84263 | 168527 | 421317 | 842634 | 21066 | 42132 |
| 100000 | 50000 | 1850 | 463 | 5000 | 10000 | 25000 | 50000 | 1250 | 2500 |

Population figure is from 2001 Census. Source: NISRA.

¹ Average available acute beds during 2005/06 within Acute Programme of Care only. Summation of the Trusts average available beds may not total the Ni figure due to rounding

² Critical Care beds include HDU and ICU as at 31st March 2005 - Information provided by HSS Trusts

³ It is estimated that on average about 72% of beds are occupied by emergency patients.

⁴ GP consultation figure has been calculated based on Average Number of NHS GP Consultations over a 14 days period during 2004/05 (Source: CHS) Total during year 7,171,339, equating to 137,910 per week.

⁵ Out of Hour centres have a call rate of 500 per 100,000 per week, equating to 8500 calls per week for NI.. Please note this rate can double during the Christmas period.

Over 15 week cycle:

| | |
|--|----------------|
| Number of hospitalisations not requiring critical care (75% of hospitalisations) | 23383 patients |
| Average length of stay in hospital for patients not requiring critical care | 6 days |
| Total days attributed to flu for patient not requiring critical care | 140298 days |
| Number of hospitalisations requiring critical care (25% of hospitalisations) | 7794 patients |
| Average length of stay in hospital for patients requiring critical care | 10 days |
| Total days attributed to flu for patient requiring critical care | 77944 days |

BELFAST

DHSSPSNI capacity and possible pandemic flu demand over 15 week cycle

| Week | Cases per 100,000 | % of overall total | Acute Hospital Beds | | | | GP Consultations | | | Out of Hour Centres | | Deaths | | |
|------------------|-------------------|--------------------|-----------------------------|--------------------------------------|--|--------------------------------------|--|-----------------------------|---------------|---------------------|----------------------------------|----------------------|--------------|--------------|
| | | | Normal availability | | Estimated additional demand ³ | | Normal weekly consultations ⁴ | Estimated additional demand | | | Normal weekly calls ⁵ | Estimated additional | 2.50% | 5% |
| | | | All acute beds ¹ | Critical care beds only ² | All acute beds ¹ | Critical care beds only ² | | 10% | 20% | 50% | | | | |
| 1 | 36 | 0.1% | 1776 | 145 | 8 | 2 | | 23 | 45 | 113 | | 225 | 6 | 11 |
| 2 | 51 | 0.2% | 1776 | 145 | 12 | 3 | | 32 | 64 | 160 | | 319 | 8 | 16 |
| 3 | 205 | 0.8% | 1776 | 145 | 48 | 12 | | 128 | 257 | 642 | | 1,284 | 32 | 64 |
| 4 | 780 | 3.1% | 1776 | 145 | 181 | 45 | | 489 | 977 | 2,443 | | 4,885 | 122 | 244 |
| 5 | 2,638 | 10.6% | 1776 | 145 | 611 | 153 | | 1,652 | 3,305 | 8,261 | | 16,523 | 413 | 826 |
| 6 | 5,388 | 21.6% | 1776 | 145 | 1249 | 312 | | 3,375 | 6,749 | 16,873 | | 33,747 | 844 | 1,687 |
| 7 | 5,290 | 21.2% | 1776 | 145 | 1226 | 306 | | 3,313 | 6,627 | 16,567 | | 33,133 | 828 | 1,657 |
| 8 | 3,568 | 14.3% | 1776 | 145 | 827 | 207 | | 2,235 | 4,470 | 11,174 | | 22,348 | 559 | 1,117 |
| 9 | 2,428 | 9.7% | 1776 | 145 | 563 | 141 | | 1,521 | 3,041 | 7,604 | | 15,207 | 380 | 760 |
| 10 | 1,886 | 7.5% | 1776 | 145 | 437 | 109 | | 1,181 | 2,363 | 5,906 | | 11,813 | 295 | 591 |
| 11 | 1,308 | 5.2% | 1776 | 145 | 303 | 76 | | 819 | 1,638 | 4,096 | | 8,192 | 205 | 410 |
| 12 | 651 | 2.6% | 1776 | 145 | 151 | 38 | | 408 | 815 | 2,039 | | 4,077 | 102 | 204 |
| 13 | 392 | 1.6% | 1776 | 145 | 91 | 23 | | 246 | 491 | 1,228 | | 2,455 | 61 | 123 |
| 14 | 216 | 0.9% | 1776 | 145 | 50 | 13 | | 135 | 271 | 676 | | 1,353 | 34 | 68 |
| 15 | 164 | 0.7% | 1776 | 145 | 38 | 10 | | 103 | 205 | 514 | | 1,027 | 26 | 51 |
| All weeks | 25,001 | 100% | 26639 | 2175 | 5794 | 1448 | 0 | 15,659 | 31,318 | 78,295 | 0 | 156,590 | 3,915 | 7,829 |

| Population | Infected (50%) | Of those infected: | | | | | | | |
|------------|----------------|-------------------------|---|------------------------|------------------------|------------------------|---------------------|---------------|-------------|
| | | Hospitalisations (3.7%) | Critical Care (25% of hospitalisations) | GP Consultations (10%) | GP Consultations (20%) | GP Consultations (50%) | Out of Hours (100%) | Deaths (2.5%) | Deaths (5%) |
| 313179 | 156589.5 | 5793.8115 | 1448.452875 | 15658.95 | 31317.9 | 78294.75 | 156589.5 | 3915 | 7829 |

Population figure is from 2001 Census. Source: NISRA.

Population figures have been obtained by adding the populations of the Census Output Areas which are closest (based on travel time) to a particular hospital located within the HSS Trust.

Belfast City & Belvoir Park NICCO Hospitals were included in the calculation for the population total of the Trust.

¹ Average available acute beds during 2005/06 within Acute Programme of Care only

² Critical Care beds include HDU and ICU as at 31st March 2005 - Information provided by HSS Trusts

³ It is estimated that on average about 72% of beds are occupied by emergency patients.

⁴ GP consultation figure is not available at Trust level

⁵ Out of Hour centres have a call rate of 500 per 100,000 per week, equating to 8500 calls per week for NI.. Please note this rate can double during the Christmas period. No rate is available at Trust level.

SOUTH EASTERN

DHSSPSNI capacity and possible pandemic flu demand over 15 week cycle

| Week | Cases per 100,000 | % of overall total | Acute Hospital Beds | | | | GP Consultations | | | Out of Hour Centres | | Deaths | | |
|------------------|-------------------|--------------------|-----------------------------|--------------------------------------|--|--------------------------------------|--|-----------------------------|---------------|---------------------|----------------------------------|----------------------|--------------|--------------|
| | | | Normal availability | | Estimated additional demand ³ | | Normal weekly consultations ⁴ | Estimated additional demand | | | Normal weekly calls ⁵ | Estimated additional | 2.50% | 5% |
| | | | All acute beds ¹ | Critical care beds only ² | All acute beds ¹ | Critical care beds only ² | | 10% | 20% | 50% | | | | |
| 1 | 36 | 0.1% | 654 | 12 | 9 | 2 | | 25 | 50 | 126 | | 252 | 6 | 13 |
| 2 | 51 | 0.2% | 654 | 12 | 13 | 3 | | 36 | 71 | 179 | | 357 | 9 | 18 |
| 3 | 205 | 0.8% | 654 | 12 | 53 | 13 | | 144 | 287 | 718 | | 1,436 | 36 | 72 |
| 4 | 780 | 3.1% | 654 | 12 | 202 | 51 | | 546 | 1,093 | 2,732 | | 5,464 | 137 | 273 |
| 5 | 2,638 | 10.6% | 654 | 12 | 684 | 171 | | 1,848 | 3,696 | 9,240 | | 18,481 | 462 | 924 |
| 6 | 5,388 | 21.6% | 654 | 12 | 1397 | 349 | | 3,775 | 7,549 | 18,873 | | 37,746 | 944 | 1,887 |
| 7 | 5,290 | 21.2% | 654 | 12 | 1371 | 343 | | 3,706 | 7,412 | 18,530 | | 37,059 | 926 | 1,853 |
| 8 | 3,568 | 14.3% | 654 | 12 | 925 | 231 | | 2,500 | 4,999 | 12,498 | | 24,996 | 625 | 1,250 |
| 9 | 2,428 | 9.7% | 654 | 12 | 629 | 157 | | 1,701 | 3,402 | 8,505 | | 17,009 | 425 | 850 |
| 10 | 1,886 | 7.5% | 654 | 12 | 489 | 122 | | 1,321 | 2,642 | 6,606 | | 13,212 | 330 | 661 |
| 11 | 1,308 | 5.2% | 654 | 12 | 339 | 85 | | 916 | 1,833 | 4,582 | | 9,163 | 229 | 458 |
| 12 | 651 | 2.6% | 654 | 12 | 169 | 42 | | 456 | 912 | 2,280 | | 4,561 | 114 | 228 |
| 13 | 392 | 1.6% | 654 | 12 | 102 | 25 | | 275 | 549 | 1,373 | | 2,746 | 69 | 137 |
| 14 | 216 | 0.9% | 654 | 12 | 56 | 14 | | 151 | 303 | 757 | | 1,513 | 38 | 76 |
| 15 | 164 | 0.7% | 654 | 12 | 43 | 11 | | 115 | 230 | 574 | | 1,149 | 29 | 57 |
| All weeks | 25,001 | 100% | 9810 | 180 | 6480 | 1620 | 0 | 17,515 | 35,029 | 87,573 | 0 | 175,145 | 4,379 | 8,757 |

| Of those infected: | | | | | | | | | |
|--------------------|----------------|-------------------------|---|------------------------|------------------------|------------------------|---------------------|---------------|-------------|
| Population | Infected (50%) | Hospitalisations (3.7%) | Critical Care (25% of hospitalisations) | GP Consultations (10%) | GP Consultations (20%) | GP Consultations (50%) | Out of Hours (100%) | Deaths (2.5%) | Deaths (5%) |
| 350290 | 175145 | 6480.365 | 1620.09125 | 17514.5 | 35029 | 87572.5 | 175145 | 4379 | 8757 |

Population figure is from 2001 Census. Source: NISRA.

Population figures have been obtained by adding the populations of the Census Output Areas which are closest (based on travel time) to a particular hospital located within the HSS Trust.

Belfast City & Belvoir Park NICCO Hospitals were included in the calculation for the population total of the Trust.

¹ Average available acute beds during 2005/06 within Acute Programme of Care only

² Critical Care beds include HDU and ICU as at 31st March 2005 - Information provided by HSS Trusts

³ It is estimated that on average about 72% of beds are occupied by emergency patients.

⁴ GP consultation figure is not available at Trust level

⁵ Out of Hour centres have a call rate of 500 per 100,000 per week, equating to 8500 calls per week for NI.. Please note this rate can double during the Christmas period. No rate is available at Trust level.

NORTHERN

DHSSPSNI capacity and possible pandemic flu demand over 15 week cycle

| Week | Cases per 100,000 | % of overall total | Acute Hospital Beds | | | | GP Consultations | | | Out of Hour Centres | | Deaths | | |
|------------------|-------------------|--------------------|-----------------------------|--------------------------------------|--|--------------------------------------|--|-----------------------------|---------------|---------------------|----------------------------------|----------------------|--------------|---------------|
| | | | Normal availability | | Estimated additional demand ³ | | Normal weekly consultations ⁴ | Estimated additional demand | | | Normal weekly calls ⁵ | Estimated additional | 2.50% | 5% |
| | | | All acute beds ¹ | Critical care beds only ² | All acute beds ¹ | Critical care beds only ² | | 10% | 20% | 50% | | | | |
| 1 | 36 | 0.1% | 843 | 17 | 12 | 3 | | 32 | 64 | 159 | | 318 | 8 | 16 |
| 2 | 51 | 0.2% | 843 | 17 | 17 | 4 | | 45 | 90 | 226 | | 451 | 11 | 23 |
| 3 | 205 | 0.8% | 843 | 17 | 67 | 17 | | 181 | 363 | 907 | | 1,813 | 45 | 91 |
| 4 | 780 | 3.1% | 843 | 17 | 255 | 64 | | 690 | 1,380 | 3,450 | | 6,899 | 172 | 345 |
| 5 | 2,638 | 10.6% | 843 | 17 | 863 | 216 | | 2,333 | 4,667 | 11,667 | | 23,333 | 583 | 1,167 |
| 6 | 5,388 | 21.6% | 843 | 17 | 1763 | 441 | | 4,766 | 9,531 | 23,829 | | 47,657 | 1,191 | 2,383 |
| 7 | 5,290 | 21.2% | 843 | 17 | 1731 | 433 | | 4,679 | 9,358 | 23,395 | | 46,790 | 1,170 | 2,340 |
| 8 | 3,568 | 14.3% | 843 | 17 | 1168 | 292 | | 3,156 | 6,312 | 15,780 | | 31,559 | 789 | 1,578 |
| 9 | 2,428 | 9.7% | 843 | 17 | 795 | 199 | | 2,148 | 4,295 | 10,738 | | 21,476 | 537 | 1,074 |
| 10 | 1,886 | 7.5% | 843 | 17 | 617 | 154 | | 1,668 | 3,336 | 8,341 | | 16,682 | 417 | 834 |
| 11 | 1,308 | 5.2% | 843 | 17 | 428 | 107 | | 1,157 | 2,314 | 5,785 | | 11,569 | 289 | 578 |
| 12 | 651 | 2.6% | 843 | 17 | 213 | 53 | | 576 | 1,152 | 2,879 | | 5,758 | 144 | 288 |
| 13 | 392 | 1.6% | 843 | 17 | 128 | 32 | | 347 | 693 | 1,734 | | 3,467 | 87 | 173 |
| 14 | 216 | 0.9% | 843 | 17 | 71 | 18 | | 191 | 382 | 955 | | 1,911 | 48 | 96 |
| 15 | 164 | 0.7% | 843 | 17 | 54 | 13 | | 145 | 290 | 725 | | 1,451 | 36 | 73 |
| All weeks | 25,001 | 100% | 12645 | 255 | 8182 | 2045 | 0 | 22,113 | 44,227 | 110,567 | 0 | 221,135 | 5,528 | 11,057 |

| Population | Infected (50%) | Of those infected: | | | | | | | |
|------------|----------------|-------------------------|---|------------------------|------------------------|------------------------|---------------------|---------------|-------------|
| | | Hospitalisations (3.7%) | Critical Care (25% of hospitalisations) | GP Consultations (10%) | GP Consultations (20%) | GP Consultations (50%) | Out of Hours (100%) | Deaths (2.5%) | Deaths (5%) |
| 442269 | 221134.5 | 8181.9765 | 2045.494125 | 22113.45 | 44226.9 | 110567.25 | 221134.5 | 5528 | 11057 |

Population figure is from 2001 Census. Source: NISRA.

Population figures have been obtained by adding the populations of the Census Output Areas which are closest (based on travel time) to a particular hospital located within the HSS Trust.

Belfast City & Belvoir Park NICCO Hospitals were included in the calculation for the population total of the Trust.

¹ Average available acute beds during 2005/06 within Acute Programme of Care only

² Critical Care beds include HDU and ICU as at 31st March 2005 - Information provided by HSS Trusts

³ It is estimated that on average about 72% of beds are occupied by emergency patients.

⁴ GP consultation figure is not available at Trust level

⁵ Out of Hour centres have a call rate of 500 per 100,000 per week, equating to 8500 calls per week for NI.. Please note this rate can double during the Christmas period. No rate is available at Trust level.

SOUTHERN

DHSSPSNI capacity and possible pandemic flu demand over 15 week cycle

| Week | Cases per 100,000 | % of overall total | Acute Hospital Beds | | | | GP Consultations | | | Out of Hour Centres | | Deaths | | |
|------------------|-------------------|--------------------|-----------------------------|--------------------------------------|--|--------------------------------------|--|-----------------------------|---------------|---------------------|----------------------------------|----------------------|--------------|--------------|
| | | | Normal availability | | Estimated additional demand ³ | | Normal weekly consultations ⁴ | Estimated additional demand | | | Normal weekly calls ⁵ | Estimated additional | 2.50% | 5% |
| | | | All acute beds ¹ | Critical care beds only ² | All acute beds ¹ | Critical care beds only ² | | 10% | 20% | 50% | | | | |
| 1 | 36 | 0.1% | 563 | 13 | 8 | 2 | | 22 | 45 | 112 | | 224 | 6 | 11 |
| 2 | 51 | 0.2% | 563 | 13 | 12 | 3 | | 32 | 64 | 159 | | 318 | 8 | 16 |
| 3 | 205 | 0.8% | 563 | 13 | 47 | 12 | | 128 | 256 | 639 | | 1,278 | 32 | 64 |
| 4 | 780 | 3.1% | 563 | 13 | 180 | 45 | | 486 | 972 | 2,431 | | 4,862 | 122 | 243 |
| 5 | 2,638 | 10.6% | 563 | 13 | 608 | 152 | | 1,644 | 3,289 | 8,222 | | 16,444 | 411 | 822 |
| 6 | 5,388 | 21.6% | 563 | 13 | 1243 | 311 | | 3,359 | 6,717 | 16,793 | | 33,585 | 840 | 1,679 |
| 7 | 5,290 | 21.2% | 563 | 13 | 1220 | 305 | | 3,297 | 6,595 | 16,487 | | 32,974 | 824 | 1,649 |
| 8 | 3,568 | 14.3% | 563 | 13 | 823 | 206 | | 2,224 | 4,448 | 11,120 | | 22,241 | 556 | 1,112 |
| 9 | 2,428 | 9.7% | 563 | 13 | 560 | 140 | | 1,513 | 3,027 | 7,567 | | 15,135 | 378 | 757 |
| 10 | 1,886 | 7.5% | 563 | 13 | 435 | 109 | | 1,176 | 2,351 | 5,878 | | 11,756 | 294 | 588 |
| 11 | 1,308 | 5.2% | 563 | 13 | 302 | 75 | | 815 | 1,631 | 4,077 | | 8,153 | 204 | 408 |
| 12 | 651 | 2.6% | 563 | 13 | 150 | 38 | | 406 | 812 | 2,029 | | 4,058 | 101 | 203 |
| 13 | 392 | 1.6% | 563 | 13 | 90 | 23 | | 244 | 489 | 1,222 | | 2,443 | 61 | 122 |
| 14 | 216 | 0.9% | 563 | 13 | 50 | 12 | | 135 | 269 | 673 | | 1,346 | 34 | 67 |
| 15 | 164 | 0.7% | 563 | 13 | 38 | 9 | | 102 | 204 | 511 | | 1,022 | 26 | 51 |
| All weeks | 25,001 | 100% | 8445 | 195 | 5766 | 1442 | 0 | 15,584 | 31,168 | 77,920 | 0 | 155,840 | 3,896 | 7,792 |

| Population | Infected (50%) | Of those infected: | | | | | | | |
|------------|----------------|-------------------------|---|------------------------|------------------------|------------------------|---------------------|---------------|-------------|
| | | Hospitalisations (3.7%) | Critical Care (25% of hospitalisations) | GP Consultations (10%) | GP Consultations (20%) | GP Consultations (50%) | Out of Hours (100%) | Deaths (2.5%) | Deaths (5%) |
| 311679 | 155839.5 | 5766.0615 | 1441.515375 | 15583.95 | 31167.9 | 77919.75 | 155839.5 | 3896 | 7792 |

Population figure is from 2001 Census. Source: NISRA.

Population figures have been obtained by adding the populations of the Census Output Areas which are closest (based on travel time) to a particular hospital located within the HSS Trust.

Belfast City & Belvoir Park NICCO Hospitals were included in the calculation for the population total of the Trust.

¹ Average available acute beds during 2005/06 within Acute Programme of Care only

² Critical Care beds include HDU and ICU as at 31st March 2005 - Information provided by HSS Trusts

³ It is estimated that on average about 72% of beds are occupied by emergency patients.

⁴ GP consultation figure is not available at Trust level

⁵ Out of Hour centres have a call rate of 500 per 100,000 per week, equating to 8500 calls per week for NI.. Please note this rate can double during the Christmas period. No rate is available at Trust level.

WESTERN

DHSSPSNI capacity and possible pandemic flu demand over 15 week cycle

| Week | Cases per 100,000 | % of overall total | Acute Hospital Beds | | | | GP Consultations | | | Out of Hour Centres | | Deaths | | |
|------------------|-------------------|--------------------|-----------------------------|--------------------------------------|--|--------------------------------------|--|-----------------------------|---------------|---------------------|----------------------------------|----------------------|--------------|--------------|
| | | | Normal availability | | Estimated additional demand ³ | | Normal weekly consultations ⁴ | Estimated additional demand | | | Normal weekly calls ⁵ | Estimated additional | 2.50% | 5% |
| | | | All acute beds ¹ | Critical care beds only ² | All acute beds ¹ | Critical care beds only ² | | 10% | 20% | 50% | | | | |
| 1 | 36 | 0.1% | 622 | 19 | 7 | 2 | | 19 | 39 | 96 | | 193 | 5 | 10 |
| 2 | 51 | 0.2% | 622 | 19 | 10 | 3 | | 27 | 55 | 137 | | 273 | 7 | 14 |
| 3 | 205 | 0.8% | 622 | 19 | 41 | 10 | | 110 | 220 | 549 | | 1,098 | 27 | 55 |
| 4 | 780 | 3.1% | 622 | 19 | 155 | 39 | | 418 | 836 | 2,089 | | 4,178 | 104 | 209 |
| 5 | 2,638 | 10.6% | 622 | 19 | 523 | 131 | | 1,413 | 2,826 | 7,066 | | 14,131 | 353 | 707 |
| 6 | 5,388 | 21.6% | 622 | 19 | 1068 | 267 | | 2,886 | 5,772 | 14,431 | | 28,862 | 722 | 1,443 |
| 7 | 5,290 | 21.2% | 622 | 19 | 1048 | 262 | | 2,834 | 5,667 | 14,169 | | 28,337 | 708 | 1,417 |
| 8 | 3,568 | 14.3% | 622 | 19 | 707 | 177 | | 1,911 | 3,823 | 9,557 | | 19,113 | 478 | 956 |
| 9 | 2,428 | 9.7% | 622 | 19 | 481 | 120 | | 1,301 | 2,601 | 6,503 | | 13,006 | 325 | 650 |
| 10 | 1,886 | 7.5% | 622 | 19 | 374 | 93 | | 1,010 | 2,021 | 5,051 | | 10,103 | 253 | 505 |
| 11 | 1,308 | 5.2% | 622 | 19 | 259 | 65 | | 701 | 1,401 | 3,503 | | 7,007 | 175 | 350 |
| 12 | 651 | 2.6% | 622 | 19 | 129 | 32 | | 349 | 697 | 1,744 | | 3,487 | 87 | 174 |
| 13 | 392 | 1.6% | 622 | 19 | 78 | 19 | | 210 | 420 | 1,050 | | 2,100 | 52 | 105 |
| 14 | 216 | 0.9% | 622 | 19 | 43 | 11 | | 116 | 231 | 579 | | 1,157 | 29 | 58 |
| 15 | 164 | 0.7% | 622 | 19 | 33 | 8 | | 88 | 176 | 439 | | 879 | 22 | 44 |
| All weeks | 25,001 | 100% | 9330 | 285 | 4955 | 1239 | 0 | 13,393 | 26,785 | 66,963 | 0 | 133,925 | 3,348 | 6,696 |

| Population | Infected (50%) | Of those infected: | | | | | | | |
|------------|----------------|-------------------------|---|------------------------|------------------------|------------------------|---------------------|---------------|-------------|
| | | Hospitalisations (3.7%) | Critical Care (25% of hospitalisations) | GP Consultations (10%) | GP Consultations (20%) | GP Consultations (50%) | Out of Hours (100%) | Deaths (2.5%) | Deaths (5%) |
| 267850 | 133925 | 4955.225 | 1238.80625 | 13392.5 | 26785 | 66962.5 | 133925 | 3348 | 6696 |

Population figure is from 2001 Census. Source: NISRA.

Population figures have been obtained by adding the populations of the Census Output Areas which are closest (based on travel time) to a particular hospital located within the HSS Trust.

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¹ Average available acute beds during 2005/06 within Acute Programme of Care only

² Critical Care beds include HDU and ICU as at 31st March 2005 - Information provided by HSS Trusts

³ It is estimated that on average about 72% of beds are occupied by emergency patients.

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⁵ Out of Hour centres have a call rate of 500 per 100,000 per week, equating to 8500 calls per week for NI.. Please note this rate can double during the Christmas period. No rate is available at Trust level.