



Estimating the Cost of Emergency Department Presentations in NSW

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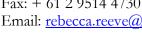
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Abstract

This brief methods paper explains how to use the NSW Government Health Costs of Care Standards to estimate the cost of presentations to emergency departments (ED) in NSW. We begin with a discussion of the allocation of presentations according to visit type, triage category and mode of separation to urgency disposition group (UDG) class for the purpose of allocating cost weights and how to apply these weights to estimate the cost per presentation. The discussion is then extended to incorporate a suggested approach for estimating ED costs when mode of separation is known but visit type and triage category are unknown; we do this by using the distribution of current NSW ED presentations by visit type, triage category and mode of separation to calculate the average cost for each mode of separation.



1. Introduction

The estimated cost of emergency department (ED) presentations is required as an input into various types of economic analysis of health and health services. For example, ED costs can be used in comparisons of patients by disease type or when conducting economic evaluations of health services. Costs of ED presentations vary depending on the level of urgency (triage category) of the presentation and disposition group (based on visit type and mode of separation from ED). Therefore, both the number and type of presentations should be considered when estimating between-patient differences in ED costs.

This note explains how to use information provided in the NSW Government Health Costs of Care Standards to estimate the cost of ED presentations. First, calculation methods and costs per presentation split by urgency and disposition group (UDG) are explained. Second, we present an approach to approximating ED cost when urgency of presentations and visit type are unknown but where data are available on mode of separation from ED.

The NSW Government Health Costs of Care Standards provides an average cost per ED presentation, and a set of cost weights by UDG classⁱ. For the purpose of applying cost weights, UDG class is based on visit type, triage category and mode of separation from ED. The cost weights can be multiplied by the average cost to provide a cost per presentation by UDG class. The allocation of presentations to the appropriate UDG class for costing purposes is summarised in Figure 1.



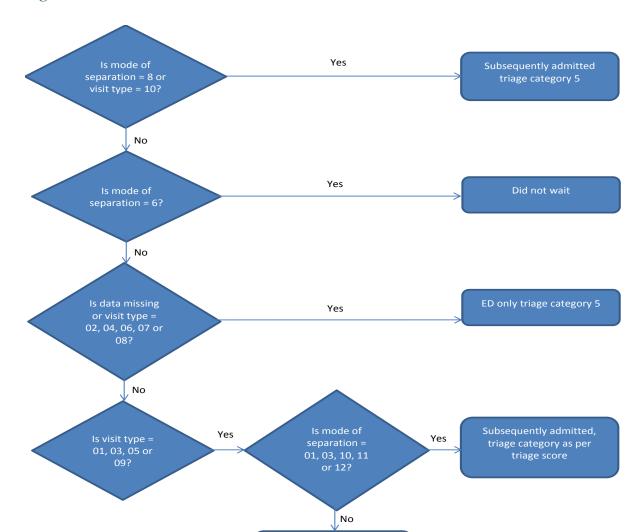


Figure 1: UDG class allocations

Source: Derived from the algorithm in NSW Government Health (2011) Costs of Care Standards 2009/10, p. 14. The Standards do not include visit type 11 (disaster); we suggest that this be classified as per visit types 1, 3, 5 and 9 (i.e. according to triage score and mode of separation.

ED only, triage category as per triage score



2. Average cost and cost weights

In 2009/10 the average cost of an ED presentation was estimated to be \$396.i Cost weights by UDG class, based on the Round 11 (2006-07) NHCDC National Cost Weights are presented in Table 1.

Table 1: ED cost weights by UDG class

| Urgency and Disposition Group (UDG) | Cost weight |
|-------------------------------------|-------------|
| Subsequently Admitted, Triage 1 | 2.96 |
| Subsequently Admitted, Triage 2 | 1.78 |
| Subsequently Admitted, Triage 3 | 1.53 |
| Subsequently Admitted, Triage 4 | 1.33 |
| Subsequently Admitted, Triage 5 | 0.91 |
| ED Only, Triage 1 | 1.62 |
| ED Only, Triage 2 | 1.24 |
| ED Only, Triage 3 | 1.08 |
| ED Only, Triage 4 | 0.81 |
| ED Only, Triage 5 | 0.50 |
| Did not wait | 0.18 |

Source: NSW Government Health (2011) Costs of Care Standards 2009/10, Table 3, p. 15.



3. Applying cost weights

Where there are differences between patient groups in both the frequency and type of presentation, the cost of presentations should be weighted by UDG class. The cost of each type of presentation can be calculated by multiplying the relevant cost weight by the average ED cost (\$396 in 2009/10 prices), as shown in Table 2.

Table 2: Average ED cost per UDG class

| | Cost weight | Cost per presentation |
|---------------------------------|----------------|-----------------------|
| | (A) | (A x \$396) |
| Subsequently Admitted, Triage 1 | 2.96 | 1172.16 |
| Subsequently Admitted, Triage 2 | 1.78 | 704.88 |
| Subsequently Admitted, Triage 3 | 1.53 | 605.88 |
| Subsequently Admitted, Triage 4 | 1.33 | 526.68 |
| Subsequently Admitted, Triage 5 | 0.91 | 360.36 |
| ED Only, Triage 1 | 1.62 | 641.52 |
| ED Only, Triage 2 | 1.24 | 491.04 |
| ED Only, Triage 3 | 1.08 | 427.68 |
| ED Only, Triage 4 | 0.81 | 320.76 |
| ED Only, Triage 5 | 0.5 | 198.00 |
| Did not wait | 0.18 | 71.28 |

Source: Cost weights and base average cost (\$396) from *NSW Government Health (2011) Costs of Care Standards 2009/10*, Table 3, p. 15.



Cost of 2012/13 ED presentations in NSW by separation mode

The distribution of current NSW ED presentations by triage category, visit type and mode of separationⁱⁱ can be used to calculate an average weighted cost of presentations by mode of separation from ED. The weighted average costs estimated by this approach can be used where triage information and visit type are not available, but data are available on separation mode.

The current weighted average cost (in 2009/10 prices) of ED only presentations is approximately \$324.91. The weighted average costs of presentations by separation mode are summarised in Table 3 below.

Table 3: Summary of weighted average cost per presentation by separation mode:

| Separation mode | Cost |
|-----------------|--------------|
| 1 | \$ 444.78 |
| 2 | \$ 404.82 |
| 3 | \$ 985.08 |
| 4 | \$ 336.42 |
| 5 | \$ 405.76 |
| 6 | \$ 71.37 |
| 7 | \$ 345.49 |
| 8 | \$ 360.36 |
| 9 | \$ 301.23 |
| 10 | \$ 684.33 |
| 11 | \$ 587.06 |
| 12 | \$ 626.08 |
| 13 | \$ 400.21 |
| missing | \$ 198.25 |

The calculations for each mode of separation are provided in the Appendix (Tables A.1 to A.14)



5. Appendix

The calculations of average weighted cost per ED presentation per mode of separation are presented in Tables A.1 to A.14 below, based on 2012/13 NSW ED presentations data by visit type, triage category and mode of separation. Presentations within each mode of separation are allocated to the appropriate UDG class according to the algorithm summarised in Figure 1. These are then multiplied by the relevant cost from Table 2 and a weighted sum calculated based on the frequency of presentations in each UDG class.

Table A.1: Average weighted cost calculation, separation mode 1:

| UDG class for costing purposes | Cost weight (a) | Cost \$ (a x 396) (b) | Numbe r (c) | % (c / total) (d) | Weighted cost \$ (b x d) |
|---------------------------------|-----------------------|-----------------------------|-------------------|-------------------------|--------------------------------|
| Subsequently Admitted, Triage 1 | 2.96 | 1172.16 | 5706 | 1.15% | 13.54 |
| Subsequently Admitted, Triage 2 | 1.78 | 704.88 | 99407 | 20.12% | 141.83 |
| Subsequently Admitted, Triage 3 | 1.53 | 605.88 | 233442 | 47.25% | 286.29 |
| Subsequently Admitted, Triage 4 | 1.33 | 526.68 | 136775 | 27.68% | 0.28 |
| Subsequently Admitted, Triage 5 | 0.91 | 360.36 | 11655 | 2.36% | 0.02 |
| ED Only, Triage 1 | 1.62 | 641.52 | | 0.00% | 0.00 |
| ED Only, Triage 2 | 1.24 | 491.04 | | 0.00% | 0.00 |
| ED Only, Triage 3 | 1.08 | 427.68 | | 0.00% | 0.00 |
| ED Only, Triage 4 | 0.81 | 320.76 | | 0.00% | 0.00 |
| ED Only, Triage 5 | 0.5 | 198 | 7060 | 1.43% | 2.83 |
| Did not wait | 0.18 | 71.28 | | 0.00% | 0.00 |
| Total, separation mode 1 | | | 494,045 | 100.00% | 444.78 |

Table A.2: Average weighted cost calculation, separation mode 2:

| UDG class for costing purposes | Cost weight (a) | Cost \$ (a x 396) (b) | Numbe r (c) | % (c / total) (d) | Weighted cost \$ (b x d) |
|---------------------------------|-----------------------|-----------------------------|-------------------|-------------------------|--------------------------------|
| Subsequently Admitted, Triage 1 | 2.96 | 1172.16 | | 0.00% | 0.00 |
| Subsequently Admitted, Triage 2 | 1.78 | 704.88 | | 0.00% | 0.00 |
| Subsequently Admitted, Triage 3 | 1.53 | 605.88 | | 0.00% | 0.00 |
| Subsequently Admitted, Triage 4 | 1.33 | 526.68 | | 0.00% | 0.00 |
| Subsequently Admitted, Triage 5 | 0.91 | 360.36 | 6 | 0.01% | 0.03 |
| ED Only, Triage 1 | 1.62 | 641.52 | 644 | 0.83% | 5.34 |
| ED Only, Triage 2 | 1.24 | 491.04 | 17358 | 22.45% | 110.22 |
| ED Only, Triage 3 | 1.08 | 427.68 | 34253 | 44.30% | 189.44 |
| ED Only, Triage 4 | 0.81 | 320.76 | 22422 | 29.00% | 93.01 |
| ED Only, Triage 5 | 0.5 | 198 | 2645 | 3.42% | 6.77 |
| Did not wait | 0.18 | 71.28 | | 0.00% | 0.00 |
| Total, separation mode 2 | | | 77,328 | 100.00% | 404.82 |



Table A.3: Average weighted cost calculation, separation mode 3:

| UDG class for costing purposes | Cost weight (a) | Cost \$ (a x 396) (b) | Numbe r (c) | % (c / total) (d) | Weighted cost \$ (b x d) |
|---------------------------------|-----------------------|-----------------------------|-------------------|-------------------------|--------------------------------|
| Subsequently Admitted, Triage 1 | 2.96 | 1172.16 | 1252 | 64.21% | 752.59 |
| Subsequently Admitted, Triage 2 | 1.78 | 704.88 | 431 | 22.10% | 155.80 |
| Subsequently Admitted, Triage 3 | 1.53 | 605.88 | 192 | 9.85% | 59.66 |
| Subsequently Admitted, Triage 4 | 1.33 | 526.68 | 48 | 2.46% | 12.96 |
| Subsequently Admitted, Triage 5 | 0.91 | 360.36 | 16 | 0.82% | 2.96 |
| ED Only, Triage 1 | 1.62 | 641.52 | | 0.00% | 0.00 |
| ED Only, Triage 2 | 1.24 | 491.04 | | 0.00% | 0.00 |
| ED Only, Triage 3 | 1.08 | 427.68 | | 0.00% | 0.00 |
| ED Only, Triage 4 | 0.81 | 320.76 | | 0.00% | 0.00 |
| ED Only, Triage 5 | 0.5 | 198 | 11 | 0.56% | 1.12 |
| Did not wait | 0.18 | 71.28 | | 0.00% | 0.00 |
| Total, separation mode 3 | | | 1,950 | 100.00% | 985.08 |

Table A.4: Average weighted cost calculation, separation mode 4:

| UDG class for costing purposes | Cost weight (a) | Cost \$ (a x 396) (b) | Number (c) | % (c / total) (d) | Weighted cost \$ (b x d) |
|---------------------------------|-----------------------|-----------------------------|---------------|-------------------------|--------------------------------|
| Subsequently Admitted, Triage 1 | 2.96 | 1172.16 | | 0.00% | 0.00 |
| Subsequently Admitted, Triage 2 | 1.78 | 704.88 | | 0.00% | 0.00 |
| Subsequently Admitted, Triage 3 | 1.53 | 605.88 | | 0.00% | 0.00 |
| Subsequently Admitted, Triage 4 | 1.33 | 526.68 | | 0.00% | 0.00 |
| Subsequently Admitted, Triage 5 | 0.91 | 360.36 | 117 | 0.01% | 0.03 |
| ED Only, Triage 1 | 1.62 | 641.52 | 1135 | 0.08% | 0.52 |
| ED Only, Triage 2 | 1.24 | 491.04 | 77815 | 5.51% | 27.06 |
| ED Only, Triage 3 | 1.08 | 427.68 | 371869 | 26.34% | 112.64 |
| ED Only, Triage 4 | 0.81 | 320.76 | 706187 | 50.02% | 160.43 |
| ED Only, Triage 5 | 0.5 | 198 | 254770 | 18.04% | 35.73 |
| Did not wait | 0.18 | 71.28 | | 0.00% | 0.00 |
| Total, separation mode 4 | | | 1,411,893 | 100.00% | 336.42 |

Table A.5: Average weighted cost calculation, separation mode 5:

| UDG class for costing purposes | Cost weight (a) | Cost \$ (a x 396) (b) | Number (c) | % (c / total) (d) | Weighted cost \$ (b x d) |
|---------------------------------|-----------------------|-----------------------|---------------|-------------------------|--------------------------------|
| Subsequently Admitted, Triage 1 | 2.96 | 1172.16 | | 0.00% | 0.00 |
| Subsequently Admitted, Triage 2 | 1.78 | 704.88 | | 0.00% | 0.00 |
| Subsequently Admitted, Triage 3 | 1.53 | 605.88 | | 0.00% | 0.00 |
| Subsequently Admitted, Triage 4 | 1.33 | 526.68 | | 0.00% | 0.00 |
| Subsequently Admitted, Triage 5 | 0.91 | 360.36 | 0 | 0.00% | 0.00 |
| ED Only, Triage 1 | 1.62 | 641.52 | 325 | 2.31% | 14.85 |



Estimating the Cost of Emergency Department Presentations in NSW ED Only, Triage 2 1.24 491.04 3068 21.85% 107.27 ED Only, Triage 3 1.08 427.68 6084 43.32% 185.28 ED Only, Triage 4 320.76 3887 88.78 0.81 27.68% ED Only, Triage 5 0.5 198 680 4.84% 9.59 Did not wait 0.18 71.28 0.00% 0.00 Total, separation mode 5 14,044 100.00% 405.76

Table A.6: Average weighted cost calculation, separation mode 6:

| UDG class for costing purposes | Cost weight (a) | Cost \$ (a x 396) (b) | Number (c) | % (c / total) (d) | Weighted cost \$ (b x d) |
|---------------------------------|-----------------------|-----------------------|---------------|-------------------------|--------------------------------|
| Subsequently Admitted, Triage 1 | 2.96 | 1172.16 | | 0.00% | 0.00 |
| Subsequently Admitted, Triage 2 | 1.78 | 704.88 | | 0.00% | 0.00 |
| Subsequently Admitted, Triage 3 | 1.53 | 605.88 | | 0.00% | 0.00 |
| Subsequently Admitted, Triage 4 | 1.33 | 526.68 | | 0.00% | 0.00 |
| Subsequently Admitted, Triage 5 | 0.91 | 360.36 | 31 | 0.03% | 0.11 |
| ED Only, Triage 1 | 1.62 | 641.52 | | 0.00% | 0.00 |
| ED Only, Triage 2 | 1.24 | 491.04 | | 0.00% | 0.00 |
| ED Only, Triage 3 | 1.08 | 427.68 | | 0.00% | 0.00 |
| ED Only, Triage 4 | 0.81 | 320.76 | | 0.00% | 0.00 |
| ED Only, Triage 5 | 0.5 | 198 | | 0.00% | 0.00 |
| Did not wait | 0.18 | 71.28 | 101,045 | 99.97% | 71.26 |
| Total, separation mode 6 | | | 101,076 | 100.00% | 71.37 |

Table A.7: Average weighted cost calculation, separation mode 7:

| UDG class for costing purposes | Cost weight (a) | Cost \$ (a x 396) (b) | Number (c) | % (c / total) (d) | Weighted cost \$ (b x d) |
|---------------------------------|-----------------------|-----------------------|---------------|-------------------------|--------------------------------|
| Subsequently Admitted, Triage 1 | 2.96 | 1172.16 | | 0.00% | 0.00 |
| Subsequently Admitted, Triage 2 | 1.78 | 704.88 | | 0.00% | 0.00 |
| Subsequently Admitted, Triage 3 | 1.53 | 605.88 | | 0.00% | 0.00 |
| Subsequently Admitted, Triage 4 | 1.33 | 526.68 | | 0.00% | 0.00 |
| Subsequently Admitted, Triage 5 | 0.91 | 360.36 | 1 | 0.00% | 0.01 |
| ED Only, Triage 1 | 1.62 | 641.52 | 80 | 0.16% | 1.05 |
| ED Only, Triage 2 | 1.24 | 491.04 | 3015 | 6.18% | 30.36 |
| ED Only, Triage 3 | 1.08 | 427.68 | 14219 | 29.15% | 124.69 |
| ED Only, Triage 4 | 0.81 | 320.76 | 24507 | 50.25% | 161.18 |
| ED Only, Triage 5 | 0.5 | 198 | 6950 | 14.25% | 28.21 |
| Did not wait | 0.18 | 71.28 | | 0.00% | 0.00 |
| Total, separation mode 7 | | | 48,772 | 100.00% | 345.49 |



Table A.8: Average weighted cost calculation, separation mode 8:

| UDG class for costing purposes | Cost weight (a) | Cost \$ (a x 396) (b) | Number (c) | % (c / total) (d) | Weighted cost \$ (b x d) |
|---------------------------------|-----------------------|-----------------------|---------------|-------------------------|--------------------------------|
| Subsequently Admitted, Triage 1 | 2.96 | 1172.16 | | 0.00% | 0.00 |
| Subsequently Admitted, Triage 2 | 1.78 | 704.88 | | 0.00% | 0.00 |
| Subsequently Admitted, Triage 3 | 1.53 | 605.88 | | 0.00% | 0.00 |
| Subsequently Admitted, Triage 4 | 1.33 | 526.68 | | 0.00% | 0.00 |
| Subsequently Admitted, Triage 5 | 0.91 | 360.36 | 2865 | 100.00% | 360.36 |
| ED Only, Triage 1 | 1.62 | 641.52 | | 0.00% | 0.00 |
| ED Only, Triage 2 | 1.24 | 491.04 | | 0.00% | 0.00 |
| ED Only, Triage 3 | 1.08 | 427.68 | | 0.00% | 0.00 |
| ED Only, Triage 4 | 0.81 | 320.76 | | 0.00% | 0.00 |
| ED Only, Triage 5 | 0.5 | 198 | | 0.00% | 0.00 |
| Did not wait | 0.18 | 71.28 | | 0.00% | 0.00 |
| Total, separation mode 8 | | | 2,865 | 100.00% | 360.36 |

Table A.9: Average weighted cost calculation, separation mode 9:

| UDG class for costing purposes | Cost weight (a) | Cost \$ (a x 396) (b) | Number (c) | % (c / total) (d) | Weighted cost \$ (b x d) |
|---------------------------------|-----------------------|-----------------------|---------------|-------------------------|--------------------------------|
| Subsequently Admitted, Triage 1 | 2.96 | 1172.16 | | 0.00% | 0.00 |
| Subsequently Admitted, Triage 2 | 1.78 | 704.88 | | 0.00% | 0.00 |
| Subsequently Admitted, Triage 3 | 1.53 | 605.88 | | 0.00% | 0.00 |
| Subsequently Admitted, Triage 4 | 1.33 | 526.68 | | 0.00% | 0.00 |
| Subsequently Admitted, Triage 5 | 0.91 | 360.36 | 2 | 0.01% | 0.02 |
| ED Only, Triage 1 | 1.62 | 641.52 | 51 | 0.14% | 0.89 |
| ED Only, Triage 2 | 1.24 | 491.04 | 1756 | 4.78% | 23.48 |
| ED Only, Triage 3 | 1.08 | 427.68 | 5243 | 14.28% | 61.07 |
| ED Only, Triage 4 | 0.81 | 320.76 | 16689 | 45.45% | 145.79 |
| ED Only, Triage 5 | 0.5 | 198 | 12977 | 35.34% | 69.98 |
| Did not wait | 0.18 | 71.28 | | 0.00% | 0.00 |
| Total, separation mode 9 | | | 36,718 | 100.00% | 301.23 |

Table A.10: Average weighted cost calculation, separation mode 10:

| UDG class for costing purposes | Cost weight (a) | Cost \$ (a x 396) (b) | Number (c) | % (c / total) (d) | Weighted cost \$ (b x d) |
|---------------------------------|-----------------------|-----------------------|---------------|-------------------------|--------------------------------|
| Subsequently Admitted, Triage 1 | 2.96 | 1172.16 | 3782 | 7.95% | 93.16 |
| Subsequently Admitted, Triage 2 | 1.78 | 704.88 | 22526 | 47.34% | 333.68 |
| Subsequently Admitted, Triage 3 | 1.53 | 605.88 | 16577 | 34.84% | 211.07 |
| Subsequently Admitted, Triage 4 | 1.33 | 526.68 | 3781 | 7.95% | 41.85 |
| Subsequently Admitted, Triage 5 | 0.91 | 360.36 | 218 | 0.46% | 1.65 |
| ED Only, Triage 1 | 1.62 | 641.52 | | 0.00% | 0.00 |



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|---------------------------|--------------------|-----------|-----------|----------------|-----------------|
| ED Only, Triage 2 | 1.24 | 491.04 | | 0.00% | 0.00 |
| ED Only, Triage 3 | 1.08 | 427.68 | | 0.00% | 0.00 |
| ED Only, Triage 4 | 0.81 | 320.76 | | 0.00% | 0.00 |
| ED Only, Triage 5 | 0.5 | 198 | 701 | 1.47% | 2.92 |
| Did not wait | 0.18 | 71.28 | | 0.00% | 0.00 |
| Total, separation mode 10 | | | 47,585 | 100.00% | 684.33 |

Table A.11: Average weighted cost calculation, separation mode 11:

| UDG class for costing purposes | Cost weight (a) | Cost \$ (a x 396) (b) | Number (c) | % (c / total) (d) | Weighted cost \$ (b x d) |
|---------------------------------|-----------------------|-----------------------|---------------|-------------------------|--------------------------------|
| Subsequently Admitted, Triage 1 | 2.96 | 1172.16 | 375 | 4.30% | 50.39 |
| Subsequently Admitted, Triage 2 | 1.78 | 704.88 | 1380 | 15.82% | 111.50 |
| Subsequently Admitted, Triage 3 | 1.53 | 605.88 | 3448 | 39.52% | 239.46 |
| Subsequently Admitted, Triage 4 | 1.33 | 526.68 | 2615 | 29.97% | 157.87 |
| Subsequently Admitted, Triage 5 | 0.91 | 360.36 | 391 | 4.48% | 16.15 |
| ED Only, Triage 1 | 1.62 | 641.52 | | 0.00% | 0.00 |
| ED Only, Triage 2 | 1.24 | 491.04 | | 0.00% | 0.00 |
| ED Only, Triage 3 | 1.08 | 427.68 | | 0.00% | 0.00 |
| ED Only, Triage 4 | 0.81 | 320.76 | | 0.00% | 0.00 |
| ED Only, Triage 5 | 0.5 | 198 | 515 | 5.90% | 11.69 |
| Did not wait | 0.18 | 71.28 | | 0.00% | 0.00 |
| Total, separation mode 11 | | | 8,724 | 100.00% | 587.06 |

Table A.12: Average weighted cost calculation, separation mode 12:

| UDG class for costing purposes | Cost weight (a) | Cost \$ (a x 396) (b) | Number (c) | % (c / total) (d) | Weighted cost \$ (b x d) |
|---------------------------------|-----------------------|-----------------------|---------------|-------------------------|--------------------------------|
| Subsequently Admitted, Triage 1 | 2.96 | 1172.16 | 996 | 3.37% | 39.53 |
| Subsequently Admitted, Triage 2 | 1.78 | 704.88 | 7670 | 25.97% | 183.05 |
| Subsequently Admitted, Triage 3 | 1.53 | 605.88 | 13761 | 46.59% | 282.29 |
| Subsequently Admitted, Triage 4 | 1.33 | 526.68 | 6403 | 21.68% | 114.18 |
| Subsequently Admitted, Triage 5 | 0.91 | 360.36 | 418 | 1.42% | 5.10 |
| ED Only, Triage 1 | 1.62 | 641.52 | | 0.00% | 0.00 |
| ED Only, Triage 2 | 1.24 | 491.04 | | 0.00% | 0.00 |
| ED Only, Triage 3 | 1.08 | 427.68 | | 0.00% | 0.00 |
| ED Only, Triage 4 | 0.81 | 320.76 | | 0.00% | 0.00 |
| ED Only, Triage 5 | 0.5 | 198 | 287 | 0.97% | 1.92 |
| Did not wait | 0.18 | 71.28 | | 0.00% | 0.00 |
| Total, separation mode 12 | | | 29,535 | 100.00% | 626.08 |



Table A.13: Average weighted cost calculation, separation mode 13:

| UDG class for costing purposes | Cost weight (a) | Cost \$ (a x 396) (b) | Number (c) | % (c / total) (d) | Weighted cost \$ (b x d) |
|---------------------------------|-----------------------|-----------------------|---------------|-------------------------|--------------------------------|
| Subsequently Admitted, Triage 1 | 2.96 | 1172.16 | | 0.00% | 0.00 |
| Subsequently Admitted, Triage 2 | 1.78 | 704.88 | | 0.00% | 0.00 |
| Subsequently Admitted, Triage 3 | 1.53 | 605.88 | | 0.00% | 0.00 |
| Subsequently Admitted, Triage 4 | 1.33 | 526.68 | | 0.00% | 0.00 |
| Subsequently Admitted, Triage 5 | 0.91 | 360.36 | 0 | 0.00% | 0.00 |
| ED Only, Triage 1 | 1.62 | 641.52 | 47 | 1.39% | 8.89 |
| ED Only, Triage 2 | 1.24 | 491.04 | 777 | 22.92% | 112.55 |
| ED Only, Triage 3 | 1.08 | 427.68 | 1383 | 40.80% | 174.48 |
| ED Only, Triage 4 | 0.81 | 320.76 | 972 | 28.67% | 91.97 |
| ED Only, Triage 5 | 0.5 | 198 | 211 | 6.22% | 12.32 |
| Did not wait | 0.18 | 71.28 | | 0.00% | 0.00 |
| Total, separation mode 13 | | | 3,390 | 100.00% | 400.21 |

Table A.14: Average weighted cost calculation, separation mode missing:

| | Cost weight | Cost \$ (a x 396) | Number | % (c / total) | Weighted cost \$ |
|---------------------------------|----------------|-------------------|--------|------------------|------------------|
| UDG class for costing purposes | (a) | (b) | (c) | (d) | (b x d) |
| Subsequently Admitted, Triage 1 | 2.96 | 1172.16 | | 0.00% | 0.00 |
| Subsequently Admitted, Triage 2 | 1.78 | 704.88 | | 0.00% | 0.00 |
| Subsequently Admitted, Triage 3 | 1.53 | 605.88 | | 0.00% | 0.00 |
| Subsequently Admitted, Triage 4 | 1.33 | 526.68 | | 0.00% | 0.00 |
| Subsequently Admitted, Triage 5 | 0.91 | 360.36 | 1 | 0.15% | 0.55 |
| ED Only, Triage 1 | 1.62 | 641.52 | | 0.00% | 0.00 |
| ED Only, Triage 2 | 1.24 | 491.04 | | 0.00% | 0.00 |
| ED Only, Triage 3 | 1.08 | 427.68 | | 0.00% | 0.00 |
| ED Only, Triage 4 | 0.81 | 320.76 | | 0.00% | 0.00 |
| ED Only, Triage 5 | 0.5 | 198 | 653 | 99.85% | 197.70 |
| Did not wait | 0.18 | 71.28 | | 0.00% | 0.00 |
| Total, separation mode missing | | | 654 | 100.00% | 198.25 |



6. References

¹NSW Government Health (2011) Costs of Care Standards 2009/10 http://www0.health.nsw.gov.au/policies/gl/2011/GL2011_007.html

ⁱⁱ 2012/13 NSW ED presentations data by visit type, triage category and mode of separation, provided by NSW Health

