#### 30-day mortality following hospitalisation for seven conditions

Measures that assess how healthcare affects patient outcomes, such as risk-standardised mortality ratios (RSMRs), make a crucial contribution to informing efforts to improve care. They should be looked at alongside other measures and used by clinicians as a tool to prompt discussion and inform the development of quality improvement initiatives.

For each hospital, the RSMR compares the 'observed' number of deaths within 30 days of admission for a specific clinical condition, with the 'expected'\* number of deaths, which is calculated based on all patients admitted with that condition to any NSW hospital.

The RSMR calculation takes into account the volume and types of patients treated in each hospital (known as the case mix), as different hospitals provide care to patients who may be more or less likely, on admission, to die within 30 days.

The RSMR is a ratio. A ratio of less than 1.0 indicates that mortality is lower than expected in the hospital, while a ratio of greater than 1.0 indicates that mortality is higher than expected in the hospital. Small deviations from 1.0 are not considered meaningful.

When the ratio is statistically significantly lower than 1.0 it is shaded green, and this indicates that mortality is lower than expected in the hospital. When the ratio is statistically significantly higher than 1.0 it is shaded red, and this indicates that mortality is higher than expected in the hospital.

Funnel plots with 95% and 99.8% control limits around the NSW ratio of 1.0 are used to identify outlier hospitals, which are shaded green or red.

The RSMR is not designed to compare hospitals to each other. Rather it compares each hospital's outcomes with what may have been expected given its particular case mix.

#### Risk-standardised mortality ratios (RSMRs) for seven conditions

Condition	RSMR		July 201	15 – Jur	June 2018 RSMRs for three-year periods				ds			
	0.	0 0.5	1.0	1.5	2.0	2.5	3.0		July 06 – June 09	July 09– June 12	July 12– June 15	July 15 – June 18
Acute myocardial infarction	0.68		•					•	•	•	•	•
lschaemic stroke	0.97							•	•	•	•	•
Haemorrhagic stroke	0.86		•					•	•	•	•	•
Congestive heart failure	0.76		•					•	•	•	•	•
Pneumonia	0.92							•	•	•	•	•
Chronic obstructive pulmonary disease	0.69		•					•	•	•	•	•
Hip fracture surgery	0.92		•					•	•	•	•	•
Mortality this p	eriod: • Lower t				95% con	trol limits			tically signifi		<ul> <li>Interme</li> <li>&lt;50 cas</li> </ul>	ediate result <sup>†</sup>

\* Data refer to patients who were discharged between July 2015 and June 2018 who were initially admitted to this hospital (regardless of whether they were subsequently transferred) in their last period of care, for an acute and emergency hospitalisation for the relevant condition. Deaths are from any cause, in or out of hospital, within 30 days of the hospitalisation admission date. The 'expected' number of deaths is calculated using a statistical model. Details of analyses are available in Spotlight on Measurement: Measuring 30-day mortality following hospitalisation, 2nd edition and the Technical Supplement to Mortality following hospitalisation for seven clinical conditions, July 2015 – June 2018.

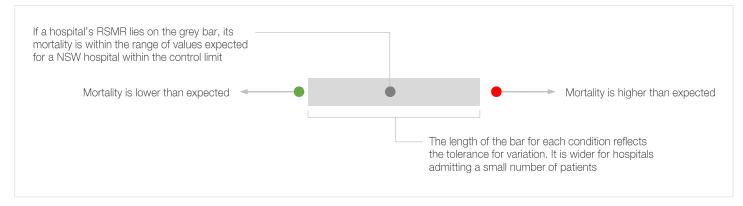
Higher than expected

\* RSMR outliers between July 2012 – June 2018 used control limits of 95% and 99.8%. Periods between July 2000 and June 2012 used control limits of 90% and 95%. Historical results that were outside the 90% control limits but did not reach significance at the 95% level are categorised as 'intermediate' results.

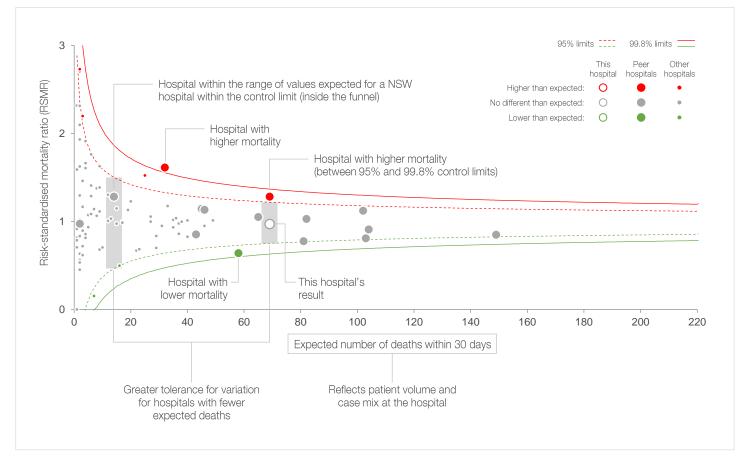
Notes: In June 2017, the NSW Health Admission Policywas released, stating that a patient treated in and discharged from an emergency department (ED) only, should not be recorded as an admitted patient. As a result, ED-only attendances were not included in BHI mortality analyses for the July 2015 – June 2018 period, and comparison of results before and after this time should be made with caution. For more information, see the Technical Supplement to Mortality following hospitalisation for seven clinical conditions, July 2015 – June 2018.

Data source: BHI analyses of Hospital Performance Dataset, NSW Ministry of Health Secure Analytics for Population Health Research and Intelligence.

#### How to interpret the dashboard



#### How to interpret a funnel plot



#### 30-day mortality following hospitalisation for acute myocardial infarction, July 2015 – June 2018

	This hospital	NSW
Total acute myocardial infarction hospitalisations	1,495	35,843
Acute myocardial infarction patients		
Presenting patients (index cases)*	1,318	30,560
Patients transferred to another hospital within 30 days <sup>†</sup>	650	12,749
Percentage of patients aged 65+ years <sup>‡</sup>	61.5%	62.2%
Percentage of patients aged 75+ years <sup>‡</sup>	39.0%	38.0%

#### Significant patient factors and comorbidities, this hospital, index cases§

STEMI							19.8		
Dysrhythmia						8.0			
Hypotension						7.5			
Cerebrovascular disease					1.2				
Congestive heart failure					0.6				
Shock					0.6				
Malignancy					0.3				
Renal failure					0.0				
Hypertension					0.0				
Dementia				-0.3					
-40	-30	-20	-10	(	0	10	20	30	40
		% differer	nce from NS	SW (inde	ex cases	with factor	recorded)		

ifference from NSW (index cases with factor record

\* Data refer to patients who were discharged between July 2015 and June 2018 who were initially admitted to this hospital (regardess of whether they were subsequently transferred) in their last period of care, for an acute and emergency hospitalisation with acute myocardial infarction as principal diagnosis (ICD-10-AM codes I21, excluding I21.9). Deaths are from any cause, in or out of hospital within 30 days of the hospitalisation admission date.

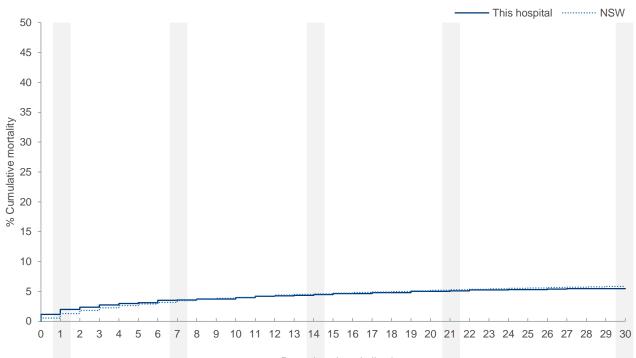
<sup>†</sup> Includes transfers for diagnostic tests, procedures and ongoing care.

\* Age at admission date. Age was a statistical factor in the final model of 30-day mortality following hospitalisation for acute myocardial infarction.

# 30-day mortality following hospitalisation for acute myocardial infarction, July 2015 – June 2018

	This hospital	NSW
Nortality (all causes) among 1,318 acute myocardial infarction index cases	72 (5.5%)	1,792 (5.9%)
Percentages: index cases who died within 30 days of hospitalisation		
Where deaths occurred:		
Percentage in this hospital	84.7%	61.0%
Percentage in another hospital following transfer	0.0%	2.1%
Percentage after discharge	15.3%	36.8%
When deaths occurred:		
Percentage on day of admission	20.8%	8.8%
Percentage within seven days	65.3%	58.8%

#### Cumulative mortality following hospitalisation for acute myocardial infarction, this hospital and NSW\*

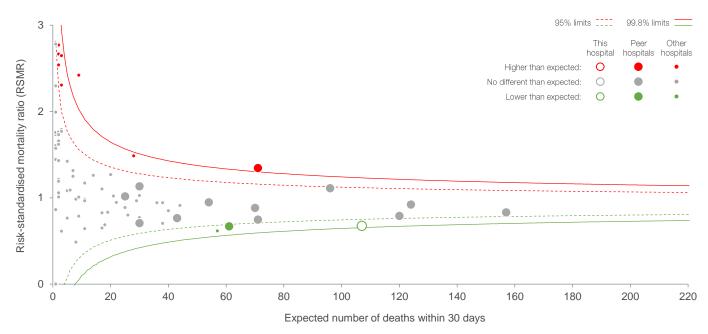


Days	since	hospitalisation	
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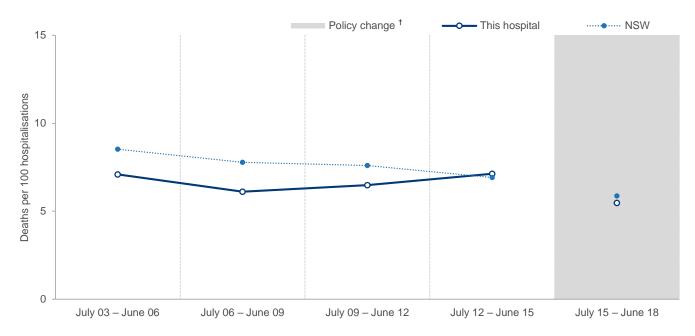
This hospital	Day 1	Day 7	Day 14	Day 21	Day 30
Cumulative number of deaths	26	47	59	67	72
Patients still alive	1,292	1,271	1,259	1,251	1,246

# 30-day mortality following hospitalisation for acute myocardial infarction, July 2015 – June 2018

# Acute myocardial infarction **risk-standardised** mortality ratio by number of expected deaths, NSW public hospitals<sup>\*</sup>



# Acute myocardial infarction, **observed (unadjusted)** mortality rates, this hospital and NSW, July 2003 – June 2018

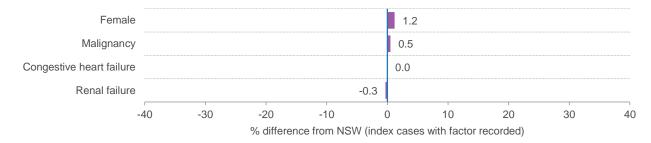


\* Results for hospitals with expected deaths <1 are not shown. Peer hospitals are identified according to the NSW Ministry of Health's peer grouping as of January 2018.

#### 30-day mortality following hospitalisation for ischaemic stroke, July 2015 – June 2018

	This hospital	NSW
Total ischaemic stroke hospitalisations	1,119	18,676
Ischaemic stroke patients		
Presenting patients (index cases)"	1,064	17,415
Patients transferred to another hospital within 30 days <sup>+</sup>	263	4,381
Percentage of patients aged 65+ years <sup>‡</sup>	79.0%	77.4%
Percentage of patients aged 75+ years <sup>‡</sup>	58.6%	54.5%

#### Significant patient factors and comorbidities, this hospital, index cases§



\* Data refer to patients who were discharged between July 2015 and June 2018 who were initially admitted to this hospital (regardless of whether they were subsequently transferred) in their last period of care, for an acute and emergency hospitalisation with ischaemic stroke as principal diagnosis (ICD-10-AM code I63). Deaths are from any cause, in or out of hospital within 30 days of the hospitalisation admission date.

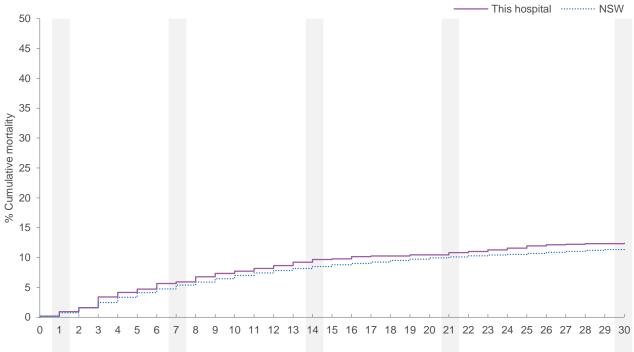
<sup>†</sup> Includes transfers for diagnostic tests, procedures and ongoing care.

\* Age at admission date. Age was a statistical factor in the final model of 30-day mortality following hospitalisation for ischaemic stroke.

#### 30-day mortality following hospitalisation for ischaemic stroke, July 2015 – June 2018

	This hospital	NSW
Mortality (all causes) among 1,064 ischaemic stroke index cases	132 (12.4%)	1,996 (11.5%)
Percentages: index cases who died within 30 days of hospitalisation		
Where deaths occurred:		
Percentage in this hospital	64.4%	49.1%
Percentage in another hospital following transfer	0.8%	1.3%
Percentage after discharge	34.8%	49.6%
When deaths occurred:		
Percentage on day of admission	1.5%	1.3%
Percentage within seven days	47.7%	46.8%

#### Cumulative mortality following hospitalisation for ischaemic stroke, this hospital and NSW\*

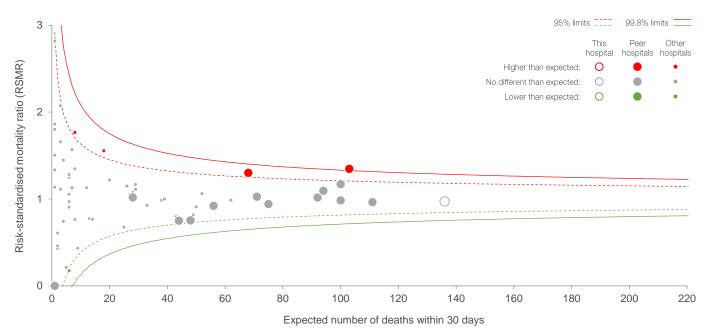


Days since hospitalisation

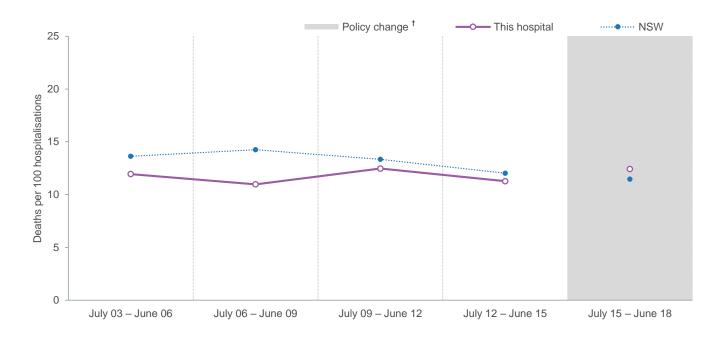
This hospital	Day 1	Day 7	Day 14	Day 21	Day 30
Cumulative number of deaths	10	63	103	115	132
Patients still alive	1,054	1,001	961	949	932

#### 30-day mortality following hospitalisation for ischaemic stroke, July 2015 – June 2018

# Ischaemic stroke **risk-standardised** mortality ratio by number of expected deaths, NSW public hospitals<sup>\*</sup>



#### Ischaemic stroke, observed (unadjusted) mortality rates, this hospital and NSW, July 2003 – June 2018

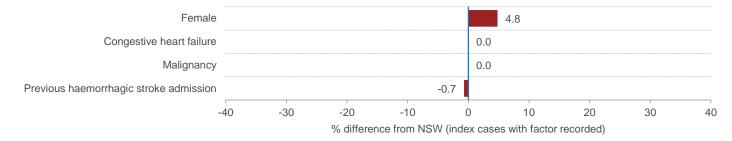


\* Results for hospitals with expected deaths <1 are not shown. Peer hospitals are identified according to the NSW Ministry of Health's peer grouping as of January 2018.

#### 30-day mortality following hospitalisation for haemorrhagic stroke, July 2015 – June 2018

	This hospital	NSW
Total haemorrhagic stroke hospitalisations	517	5,709
Haemorrhagic stroke patients		
Presenting patients (index cases)"	485	5,264
Patients transferred to another hospital within 30 days <sup>+</sup>	190	1,441
Percentage of patients aged 65+ years <sup>‡</sup>	76.7%	77.2%
Percentage of patients aged 75+ years <sup>‡</sup>	55.7%	55.5%

#### Significant patient factors and comorbidities, this hospital, index cases§



\* Data refer to patients who were discharged between July 2015 and June 2018 who were initially admitted to this hospital (regardless of whether they were subsequently transferred) in their last period of care, for an acute and emergency hospitalisation with haemorrhagic stroke as principal diagnosis (ICD-10-AM code I61, I62). Deaths are from any cause, in or out of hospital within 30 days of the hospitalisation admission date.

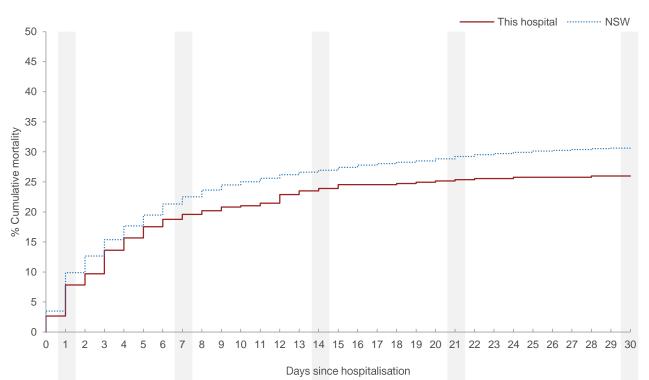
<sup>†</sup> Includes transfers for diagnostic tests, procedures and ongoing care.

\* Age at admission date. Age was a statistical factor in the final model of 30-day mortality following hospitalisation for haemorrhagic stroke.

#### 30-day mortality following hospitalisation for haemorrhagic stroke, July 2015 – June 2018

	This hospital	NSW
Mortality (all causes) among 485 haemorrhagic stroke index cases	126 (26.0%)	1,620 (30.8%)
Percentages: index cases who died within 30 days of hospitalisation		
Where deaths occurred:		
Percentage in this hospital	61.9%	66.8%
Percentage in another hospital following transfer	0.8%	0.6%
Percentage after discharge	37.3%	32.7%
When deaths occurred:		
Percentage on day of admission	10.3%	11.4%
Percentage within seven days	75.4%	73.2%

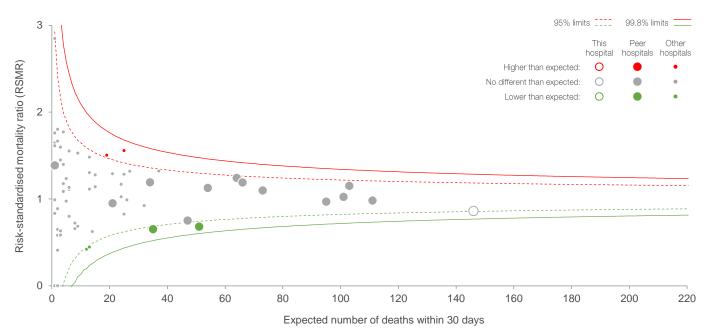
#### Cumulative mortality following hospitalisation for haemorrhagic stroke, this hospital and NSW\*



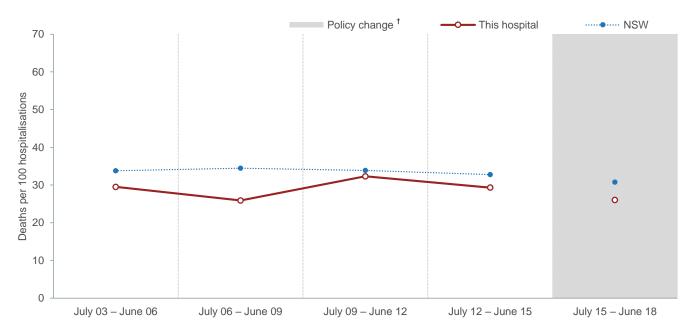
This hospital	Day 1	Day 7	Day 14	Day 21	Day 30
Cumulative number of deaths	38	95	116	123	126
Patients still alive	447	390	369	362	359

#### 30-day mortality following hospitalisation for haemorrhagic stroke, July 2015 – June 2018

# Haemorrhagic stroke **risk-standardised** mortality ratio by number of expected deaths, NSW public hospitals<sup>\*</sup>



# Haemorrhagic stroke, **observed (unadjusted)** mortality rates, this hospital and NSW, July 2003 – June 2018



\* Results for hospitals with expected deaths <1 are not shown. Peer hospitals are identified according to the NSW Ministry of Health's peer grouping as of January 2018.

# 30-day mortality following hospitalisation for congestive heart failure, July 2015 – June 2018

	This hospital	NSW
Total congestive heart failure hospitalisations	1,187	41,161
Congestive heart failure patients		
Presenting patients (index cases)"	873	28,514
Patients transferred to another hospital within 30 days <sup>+</sup>	175	3,865
Percentage of patients aged 65+ years <sup>‡</sup>	91.6%	90.1%
Percentage of patients aged 75+ years <sup>‡</sup>	78.4%	72.0%

#### Significant patient factors and comorbidities, this hospital, index cases§

Weight loss						3.8			
Hypertension						2.8			
Coagulopathy						2.2			
Valvular disease						1.8			
Acute related admission once						0.7			
Metastatic cancer						0.6			
Acute related admission twice						0.5			
Other neurological disorders						0.0			
Peptic ulcer disease, excluding bleeding					-0.1				
Three or more previous acute related admissions					-0.2				
Dementia					-0.3				
Liver disease					-0.6				
Fluid and electrolyte disorders					-0.7				
Deficiency anaemia					-1.2				
Pulmonary circulation disorders				-2	.6				
Diabetes, uncomplicated				-3.	1				
Renal failure				-3.	5				
Diabetes, complicated				-8.3					
Chronic pulmonary disease				-10.1					
-4	40	-30	-20	-10	C	10	20	30	40
			% differe	ence from NS	N (inde	x cases with facto	or recorded)		

\* Data refer to patients who were discharged between July 2015 and June 2018 who were initially admitted to this hospital (regardess of whether they were subsequently transferred) in their last period of care, for an acute and emergency hospitalisation with congestive heart failure as principal diagnosis (ICD-10-AM codes 111.0, 113.0, 113.2, 150.0, 150.1, 150.9). Deaths are from any cause, in or out of hospital within 30 days of the hospitalisation admission date.

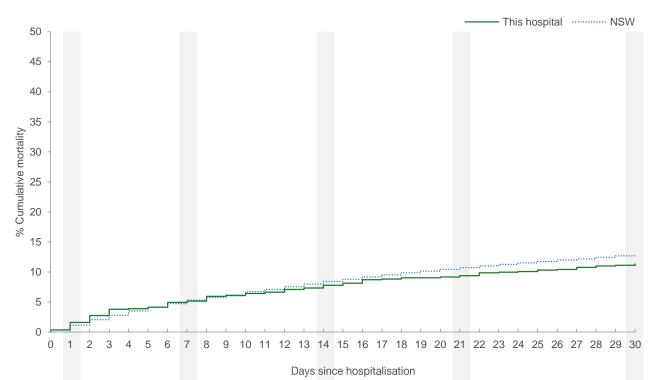
<sup>+</sup>Includes transfers for diagnostic tests, procedures and ongoing care.

\* Age at admission date. Age was a statistical factor in the final model of 30-day mortality following hospitalisation for congestive heart failure.

# 30-day mortality following hospitalisation for congestive heart failure, July 2015 – June 2018

	This hospital	NSW
Nortality (all causes) among 873 congestive heart failure index cases	99 (11.3%)	3,683 (12.9%)
Percentages: index cases who died within 30 days of hospitalisation		
Where deaths occurred:		
Percentage in this hospital	58.6%	51.8%
Percentage in another hospital following transfer	0.0%	0.8%
Percentage after discharge	41.4%	47.4%
When deaths occurred:		
Percentage on day of admission	3.0%	2.6%
Percentage within seven days	45.5%	41.2%

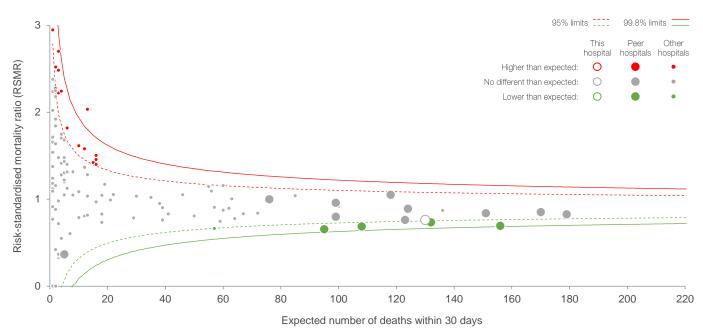
#### Cumulative mortality following hospitalisation for congestive heart failure, this hospital and NSW\*



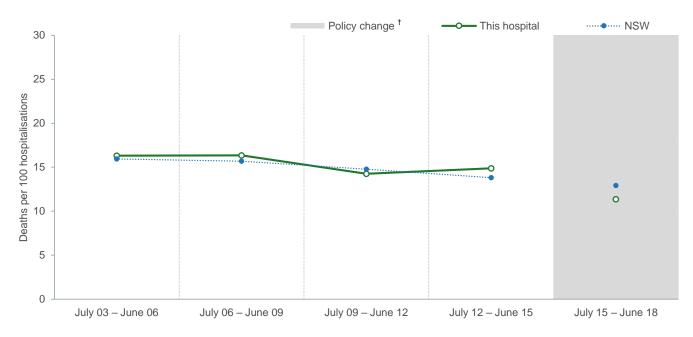
This hospital	Day 1	Day 7	Day 14	Day 21	Day 30
Cumulative number of deaths	14	45	68	82	99
Patients still alive	859	828	805	791	774

#### 30-day mortality following hospitalisation for congestive heart failure, July 2015 – June 2018

# Congestive heart failure **risk-standardised** mortality ratio by number of expected deaths, NSW public hospitals<sup>\*</sup>



# Congestive heart failure, **observed (unadjusted)** mortality rates, this hospital and NSW, July 2003 – June 2018



\* Results for hospitals with expected deaths <1 are not shown. Peer hospitals are identified according to the NSW Ministry of Health's peer grouping as of January 2018.

#### 30-day mortality following hospitalisation for pneumonia, July 2015 – June 2018

	This hospital	NSW
Total pneumonia hospitalisations	1,890	56,247
Pneumonia patients		
Presenting patients (index cases) <sup>,</sup>	1,717	49,810
Patients transferred to another hospital within 30 days <sup>+</sup>	241	5,260
Percentage of patients aged 65+ years <sup>‡</sup>	70.9%	69.4%
Percentage of patients aged 75+ years <sup>‡</sup>	52.8%	50.1%

#### Significant patient factors and comorbidities, this hospital, index cases<sup>§</sup>

Hypotension						8.4			
Dysrhythmia					3.1				
Malignancy					2.6				
Parkinson's disease					0.3				
Renal failure					0.1				
Dementia				-0.1					
Liver disease				-0.1					
Cerebrovascular disease				-0.3					
Shock			-	1.2					
Congestive heart failure			-	1.3					
Other COPD			-9.8						
-40	-30	-20	-10	(	)	10	20	30	40
		% differe	ence from NSV	V (inde	x cases wi	th factor	recorded)		

% difference from NSW (index cases with factor recorded)

\* Data refer to patients who were discharged between July 2015 and June 2018 who were initially admitted to this hospital (regardless of whether they were subsequently transferred) in their last period of care, for an acute and emergency hospitalisation with pneumonia as principal diagnosis (ICD-10-AM codes J13, J14, J15, J16, J18). Deaths are from any cause, in or out of hospital within 30 days of the hospitalisation admission date.

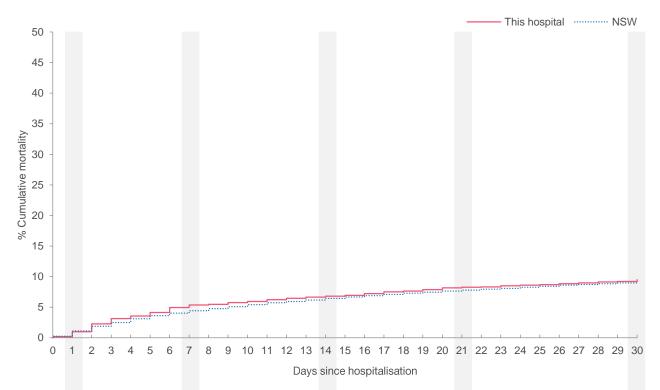
<sup>†</sup> Includes transfers for diagnostic tests, procedures and ongoing care.

\* Age at admission date. Age was a statistical factor in the final model of 30-day mortality following hospitalisation for pneumonia.

#### 30-day mortality following hospitalisation for pneumonia, July 2015 – June 2018

	This hospital	NSW
Nortality (all causes) among 1,717 pneumonia index cases	163 (9.5%)	4,538 (9.1%)
Percentages: index cases who died within 30 days of hospitalisation		
Where deaths occurred:		
Percentage in this hospital	60.1%	53.9%
Percentage in another hospital following transfer	0.0%	0.6%
Percentage after discharge	39.9%	45.5%
When deaths occurred:		
Percentage on day of admission	1.8%	2.9%
Percentage within seven days	56.4%	48.4%

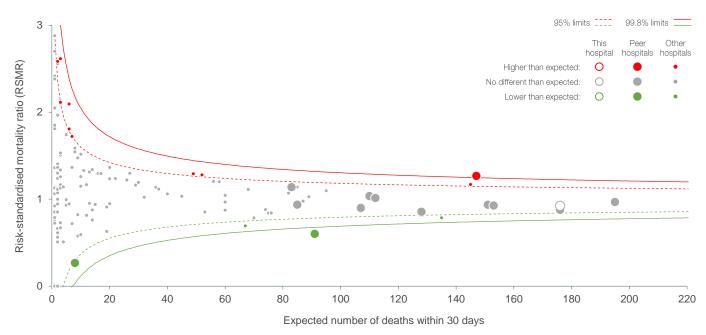
#### Cumulative mortality following hospitalisation for pneumonia, this hospital and NSW<sup>\*</sup>



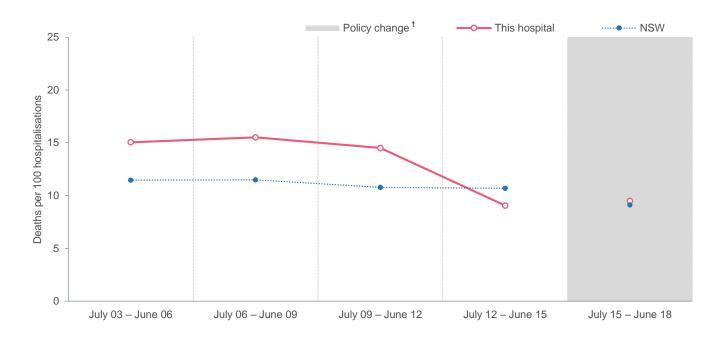
This hospital	Day 1	Day 7	Day 14	Day 21	C	ay 30
Cumulative number of deaths	17	92	117	142		163
Patients still alive	1,700	1,625	1,600	1,575	1	,554

#### 30-day mortality following hospitalisation for pneumonia, July 2015 – June 2018

# Pneumonia **risk-standardised** mortality ratio by number of expected deaths, NSW public hospitals<sup>\*</sup>



#### Pneumonia, observed (unadjusted) mortality rates, this hospital and NSW, July 2003 – June 2018



\* Results for hospitals with expected deaths <1 are not shown. Peer hospitals are identified according to the NSW Ministry of Health's peer grouping as of January 2018.

#### 30-day mortality following hospitalisation for chronic obstructive pulmonary disease, July 2015 – June 2018

	This hospital	NSW
Total chronic obstructive pulmonary disease hospitalisations	1,063	59,309
Chronic obstructive pulmonary disease patients		
Presenting patients (index cases)"	657	32,605
Patients transferred to another hospital within 30 days <sup>†</sup>	133	2,717
Percentage of patients aged 65+ years <sup>‡</sup>	86.5%	80.2%
Percentage of patients aged 75+ years <sup>‡</sup>	61.2%	50.7%

#### Significant patient factors and comorbidities, this hospital, index cases§

Weight loss						7.4			
Cardiac arrhythmia						6.4			
Female						6.0			
Fluid and electrolyte disorders						3.1			
Other neurological disorders					1.2	2			
Acute related admission twice					0.9	)			
Dementia					0.2				
Coagulopathy					0.0				
Metastatic cancer				-0.4	1				
Pulmonary circulation disorders				-0.6	6				
Solid tumour without metastasis				-1.2					
Three or more previous acute related admissions				-1.4					
Congestive heart failure				-3.3					
Acute related admission once				-3.8					
Diabetes, complicated				-4.9					
	40	-30	-20	-10	0	10	20	30	40
			% differen	ce from NSW (ir	ndex cas	es with factor	recorded)		

\* Data refer to patients who were discharged between July 2015 and June 2018 who were initially admitted to this hospital (regardess of whether they were subsequently transferred) in their last period of care, for an acute and emergency hospitalisation with chronic obstructive pulmonary disease as principal diagnosis (ICD-10-AM code J41, J42, J43, J44, J47, and J20 and J40 if accompanied by J41, J42, J43, J44 and J47 in any secondary diagnoses). Deaths are from any cause, in or out of hospital within 30 days of the hospitalisation admission date.

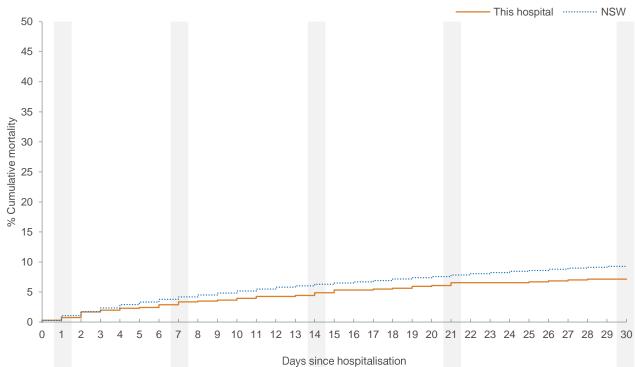
<sup>+</sup>Includes transfers for diagnostic tests, procedures and ongoing care.

\* Age at admission date. Age was a statistical factor in the final model of 30-day mortality following hospitalisation for chronic obstructive pulmonary disease.

# 30-day mortality following hospitalisation for chronic obstructive pulmonary disease, July 2015 – June 2018

	This hospital	NSW
Aortality (all causes) among 657 chronic obstructive pulmonary disease index cases	47 (7.2%)	3,084 (9.5%)
Percentages: index cases who died within 30 days of hospitalisation		
Where deaths occurred:		
Percentage in this hospital	59.6%	50.0%
Percentage in another hospital following transfer	0.0%	0.6%
Percentage after discharge	40.4%	49.5%
When deaths occurred:		
Percentage on day of admission	4.3%	2.9%
Percentage within seven days	46.8%	44.3%

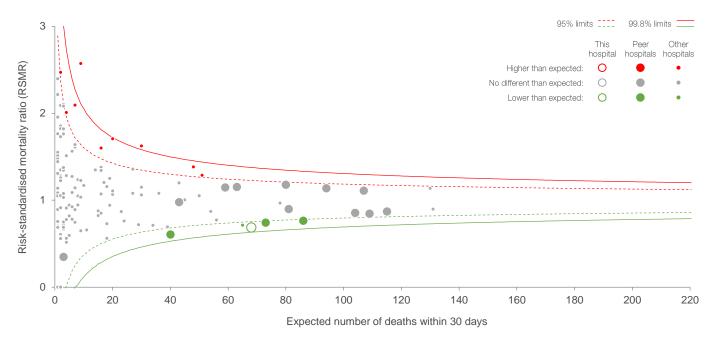
### Cumulative mortality following hospitalisation for chronic obstructive pulmonary disease, this hospital and NSW<sup>\*</sup>



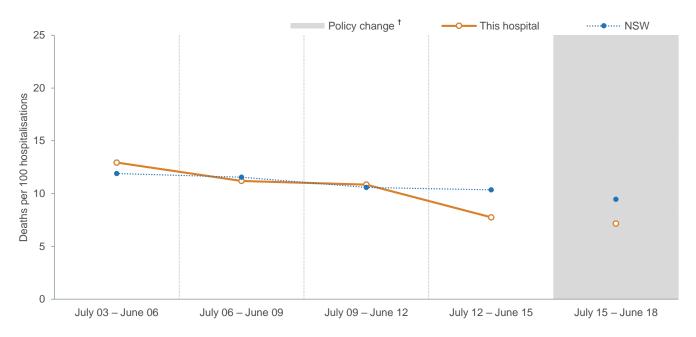
This hospital	Day 1	Day 7	Day 14	Day 21	Day 30
Cumulative number of deaths	5	22	32	43	47
Patients still alive	652	635	625	614	610

#### 30-day mortality following hospitalisation for chronic obstructive pulmonary disease, July 2015 – June 2018

# Chronic obstructive pulmonary disease **risk-standardised** mortality ratio by number of expected deaths, NSW public hospitals<sup>\*</sup>



# Chronic obstructive pulmonary disease, **observed (unadjusted)** mortality rates, this hospital and NSW, July 2003 – June 2018



\* Results for hospitals with expected deaths <1 are not shown. Peer hospitals are identified according to the NSW Ministry of Health's peer grouping as of January 2018.

### 30-day mortality following hospitalisation for hip fracture surgery, July 2015 – June 2018

	This hospital	NSW
Total hip fracture surgery hospitalisations	644	17,044
Hip fracture surgery patients		
Presenting patients (index cases)"	622	16,538
Patients transferred to another hospital within 30 days <sup>+</sup>	409	7,365
Percentage of patients aged 65+ years <sup>‡</sup>	94.1%	93.4%
Percentage of patients aged 75+ years <sup>‡</sup>	83.3%	79.6%

#### Significant patient factors and comorbidities, this hospital, index cases§

Female					1.8				
Malignancy					1.3				
Renal failure					1.0				
Ischaemic heart disease					1.0				
Dysrhythmia					0.4				
Respiratory infection			-1	.6					
Dementia			-2	-					
Congestive heart failure			-2.						
-40	-30	-20	-10	0		10	20	30	40
% difference from NSW (index cases with factor recorded)									

\* Data refer to patients who were discharged between July 2015 and June 2018 who were initially admitted to this hospital (regardess of whether they were subsequently transferred) in their last period of care, for an acute and emergency hospitalisation with hip fracture surgery as principal diagnosis (ICD-10-AM codes for hip fracture S72.0, S72.1, S72.2 accompanied with a fall codes W00-W19 and R29.6 and treated with a surgical procedure). Deaths are from any cause, in or out of hospital within 30 days of the hospitalisation admission date.

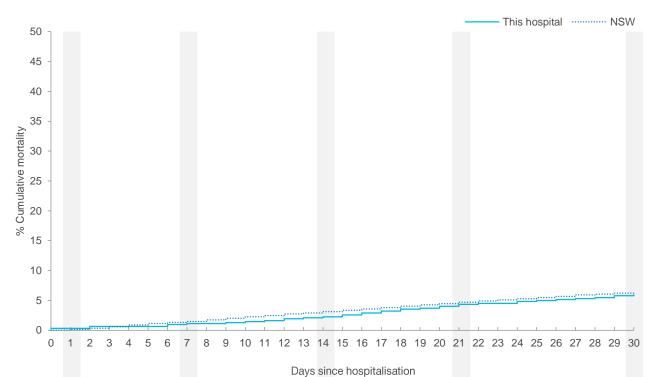
<sup>+</sup>Includes transfers for diagnostic tests, procedures and ongoing care.

\* Age at admission date. Age was a statistical factor in the final model of 30-day mortality following hospitalisation for hip fracture surgery.

### 30-day mortality following hospitalisation for hip fracture surgery, July 2015 – June 2018

	This hospital	NSW
Nortality (all causes) among 622 hip fracture surgery index cases	37 (5.9%)	1,055 (6.4%)
Percentages: index cases who died within 30 days of hospitalisation		
Where deaths occurred:		
Percentage in this hospital	35.1%	39.8%
Percentage in another hospital following transfer	0.0%	0.1%
Percentage after discharge	64.9%	60.1%
When deaths occurred:		
Percentage on day of admission	5.4%	0.3%
Percentage within seven days	18.9%	23.0%

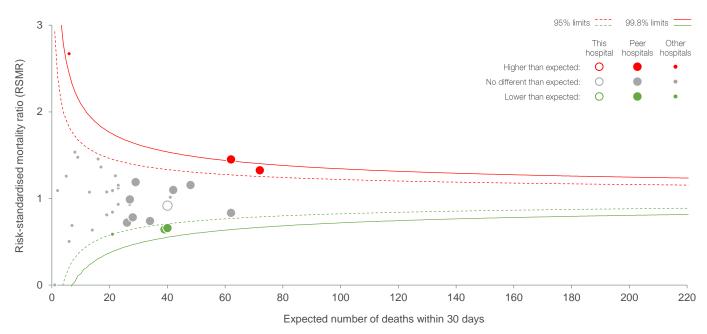
#### Cumulative mortality following hospitalisation for hip fracture surgery, this hospital and NSW\*



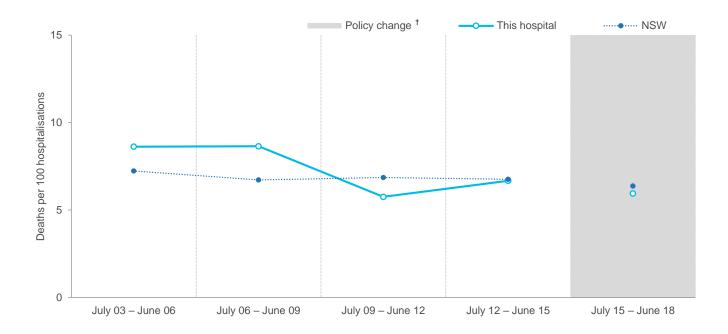
This hospital	Day 1	Day 7	Day 14	Day 21	Day 30
Cumulative number of deaths	2	7	14	27	37
Patients still alive	620	615	608	595	585

#### 30-day mortality following hospitalisation for hip fracture surgery, July 2015 – June 2018

# Hip fracture surgery **risk-standardised** mortality ratio by number of expected deaths, NSW public hospitals<sup>\*</sup>



#### Hip fracture surgery, observed (unadjusted) mortality rates, this hospital and NSW, July 2003 – June 2018



\* Results for hospitals with expected deaths <1 are not shown. Peer hospitals are identified according to the NSW Ministry of Health's peer grouping as of January 2018.