

# Grampians Lung Cancer Performance Monitoring

November 2017

# Lung Cancer in the Grampians

**118**

**New Cases  
in 2014-15 FY**



**263**

**Living with  
lung cancer**



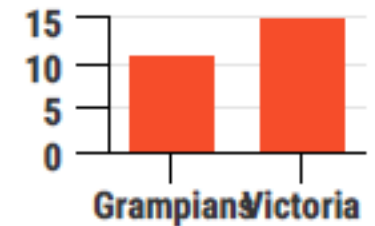
**110**

**Deaths per  
year**



**11%**

**5 Year Survival  
(State Avg 15%)**



# VCPMF

## Victorian Cancer Performance Monitoring Framework (DHHS)

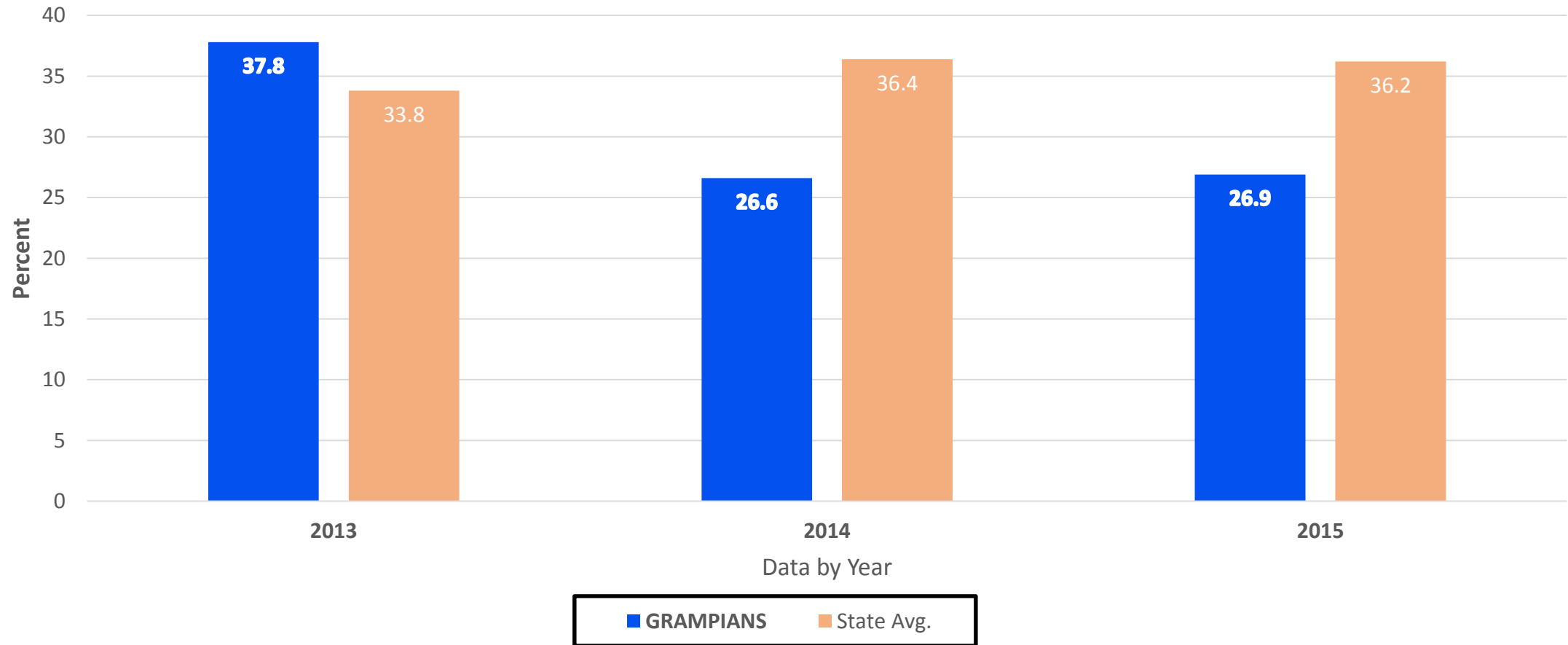
- Set of Performance Indicators for cancer service delivery
- Intended to reflect whole of **system analysis**, process & outcome measures
- **Not individual clinician** performance measurement
- Some **individual health service** data available
- Moving towards assessment of performance in line with **OCPs** (Optimal Care Pathways)

**Benefit** – useful tool for decision making for quality improvement activities

# Indicators for Lung Cancer System

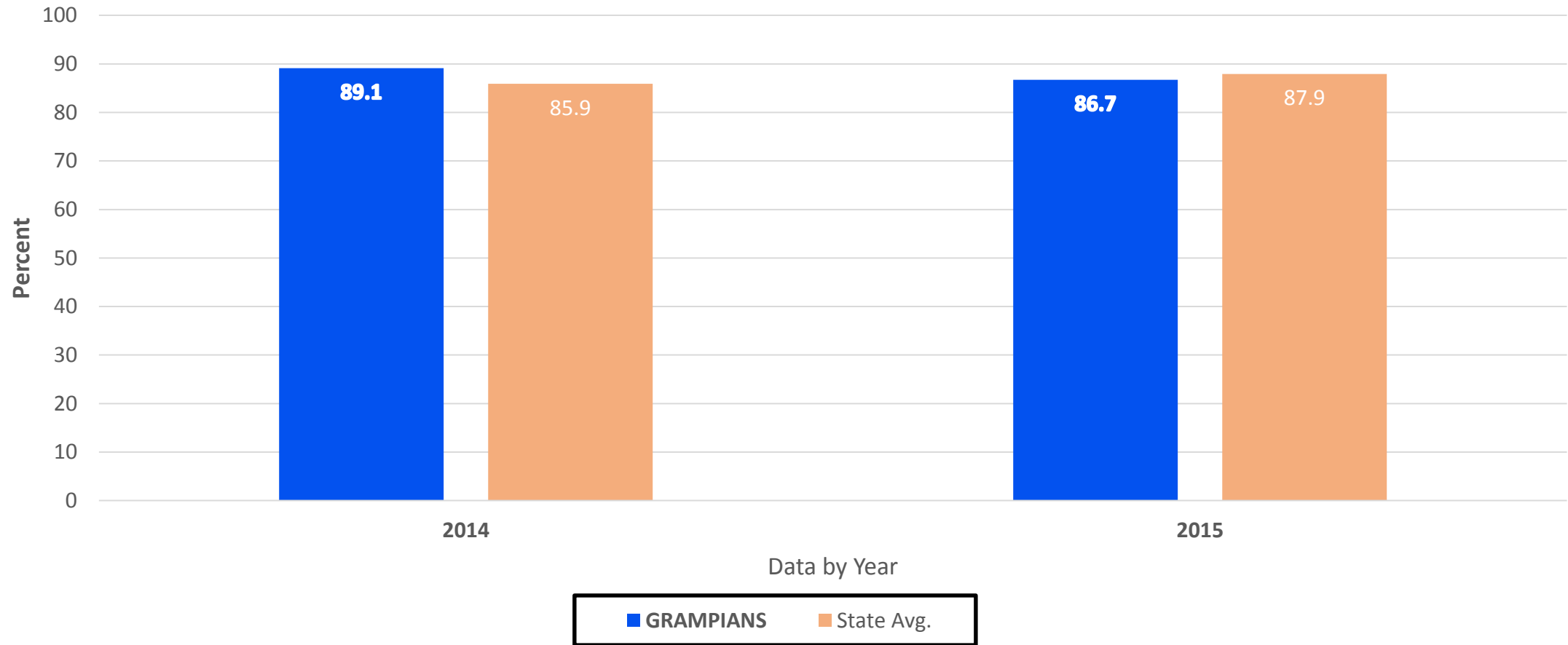
1. **ED presentations** within 28 days prior to lung cancer diagnosis (? Late presentation)
- 4b. **Pathological diagnosis** (confirmation of cancer type, key determinant of treatment)
8. **ECOG** performance status recording (surrogate for predictor of outcome, key determinant of treatment)
13. **Timeliness of initial treatment** after cancer diagnosis (service/system delivery)
19. **Deaths** following cancer surgery (Number of 30 and 90 day deaths)
26. **Length of stay** (LOS) following cancer surgery (days - benchmarked across the state)

# ED Presentations (within 28 days prior to diagnosis)

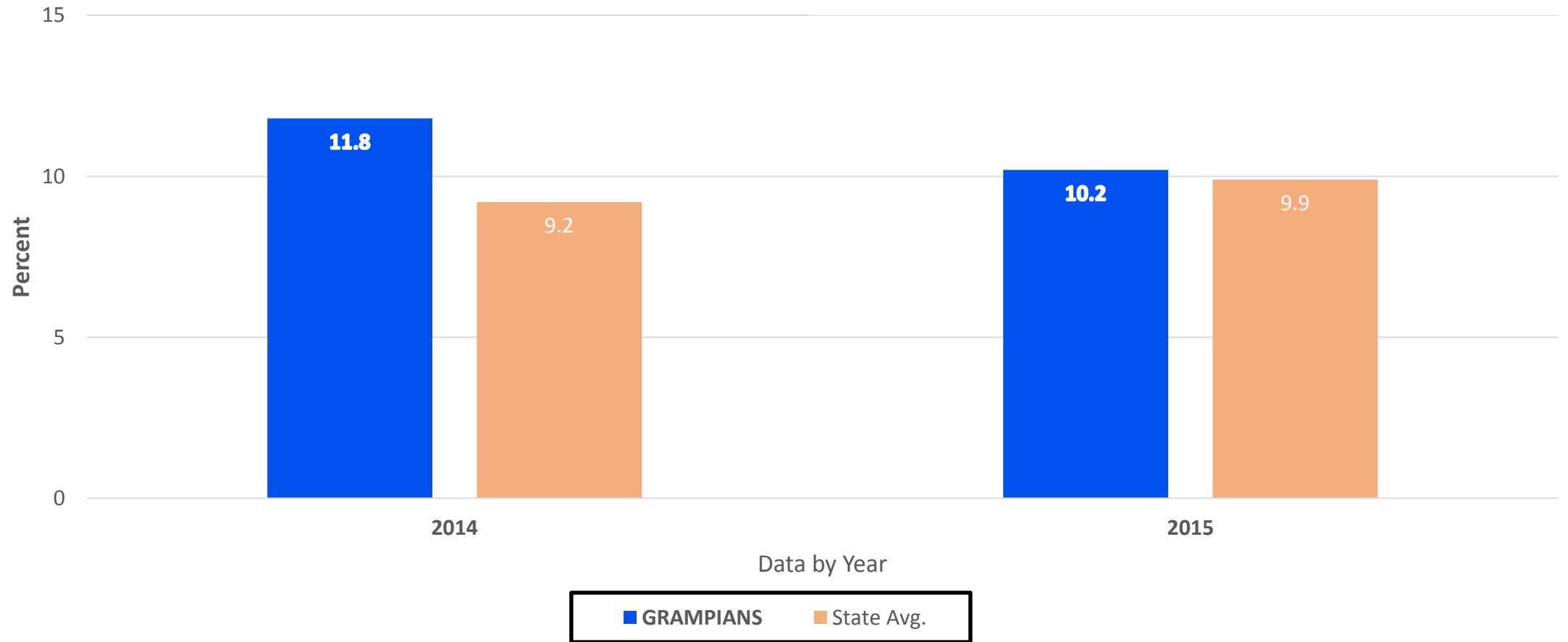
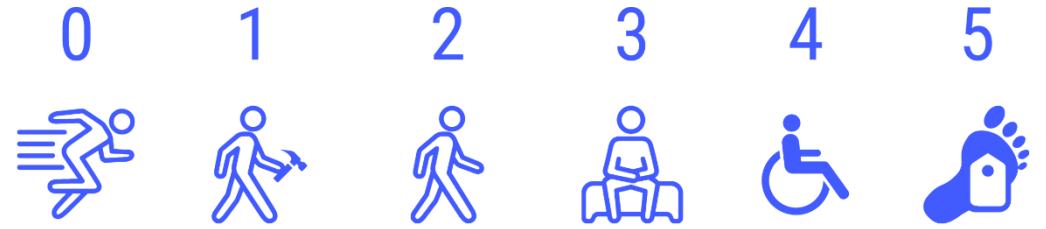


Source: Victorian Cancer Performance Monitoring Framework (VCPMF), November 2017

# Pathological Confirmation of Lung Cancer



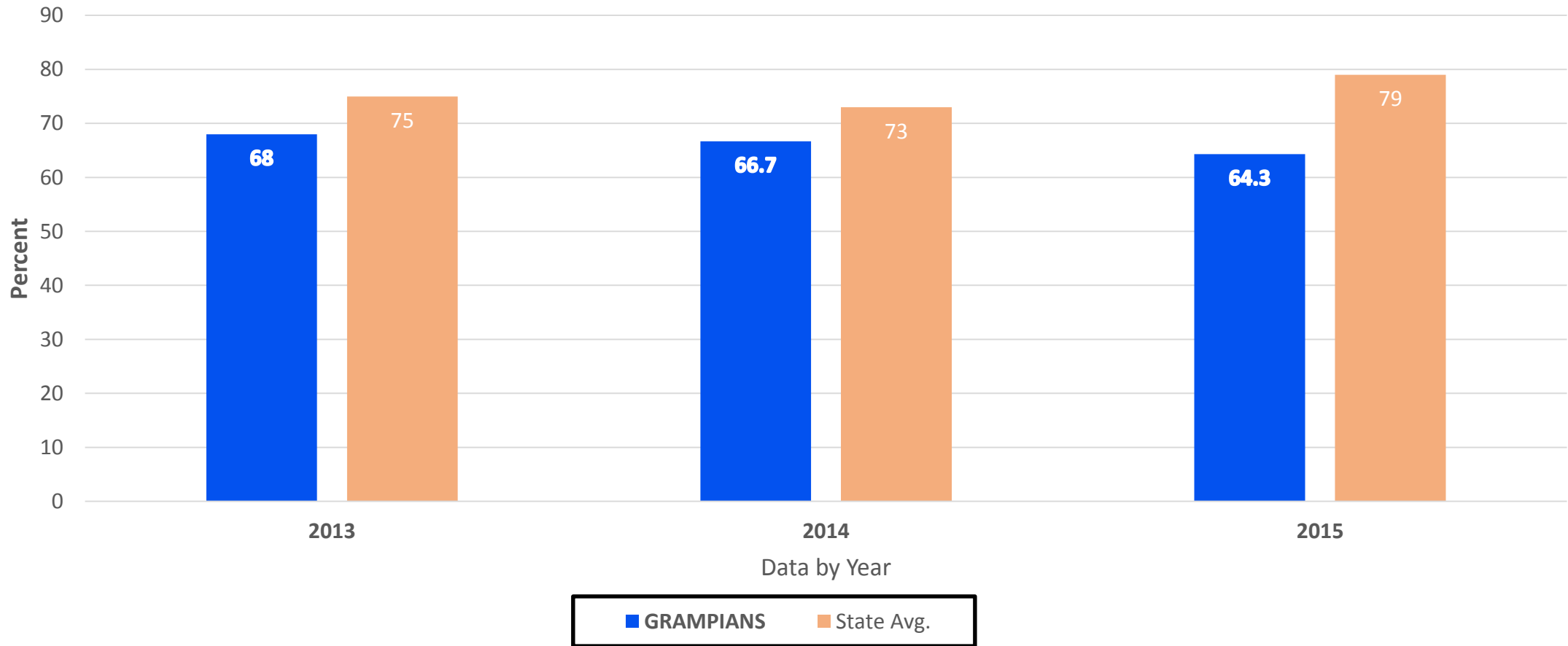
# Recording of ECOG (Performance Status)



Source: Victorian Cancer Performance Monitoring Framework (VCPMF), November 2017

# Timeliness to Surgery\*

(% having 1<sup>st</sup> treatment within 28 days of diagnosis)

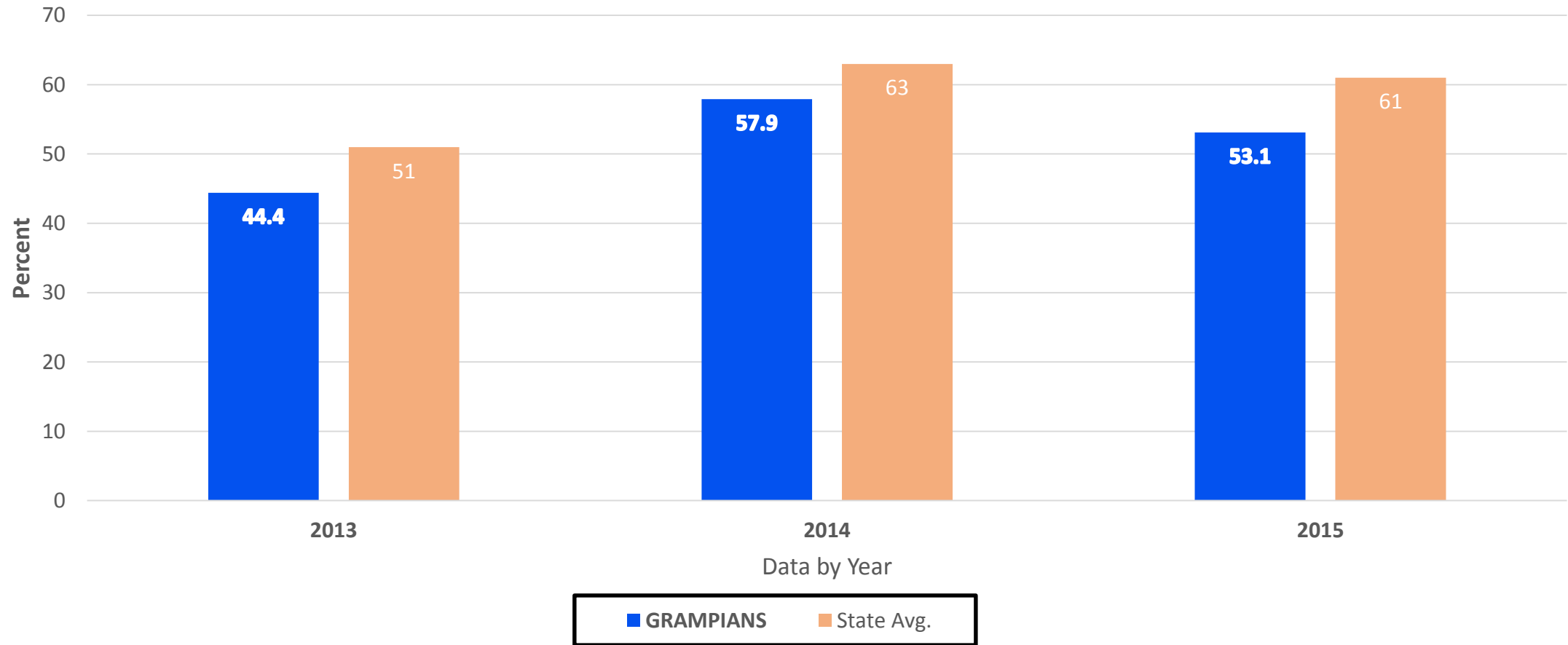


\* Where surgery is the first modality commenced



# Timeliness to Chemotherapy\*

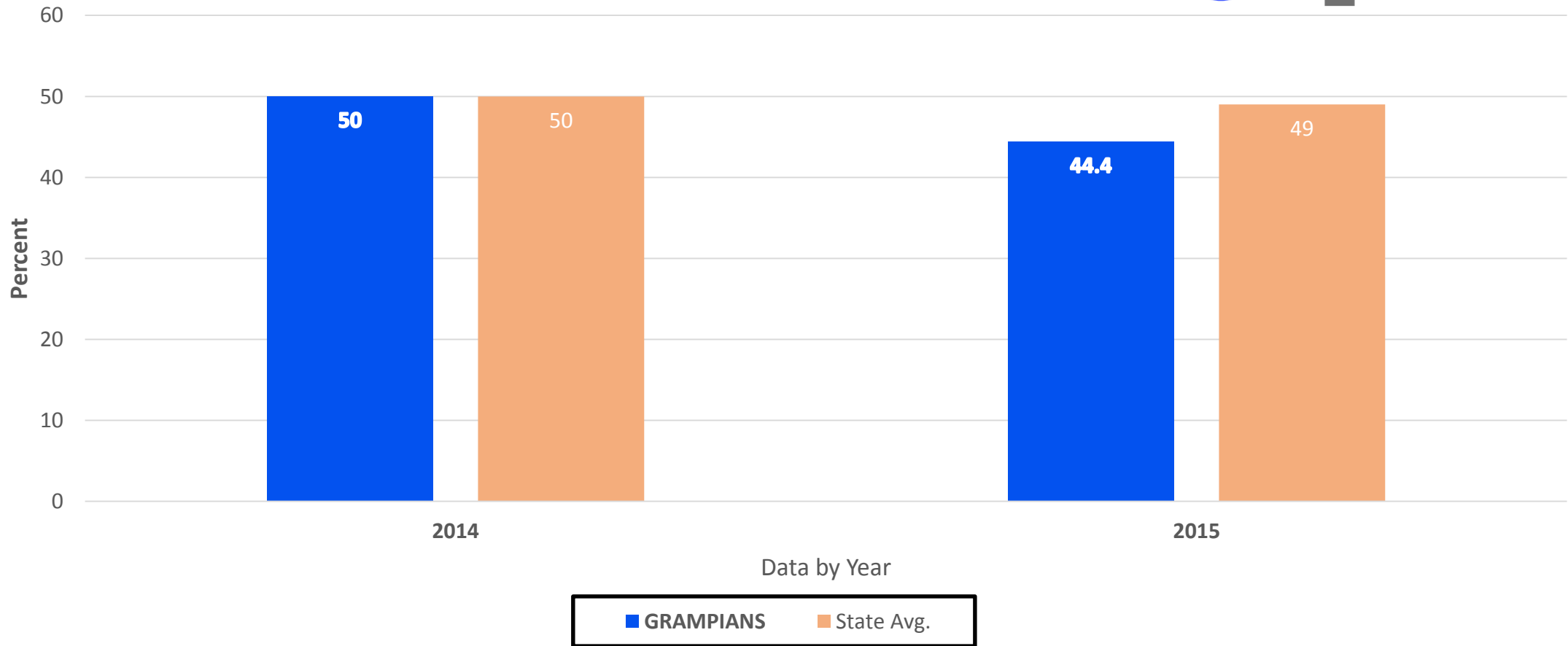
(% having 1<sup>st</sup> treatment within 28 days of diagnosis)



\* Where chemotherapy is the first modality commenced

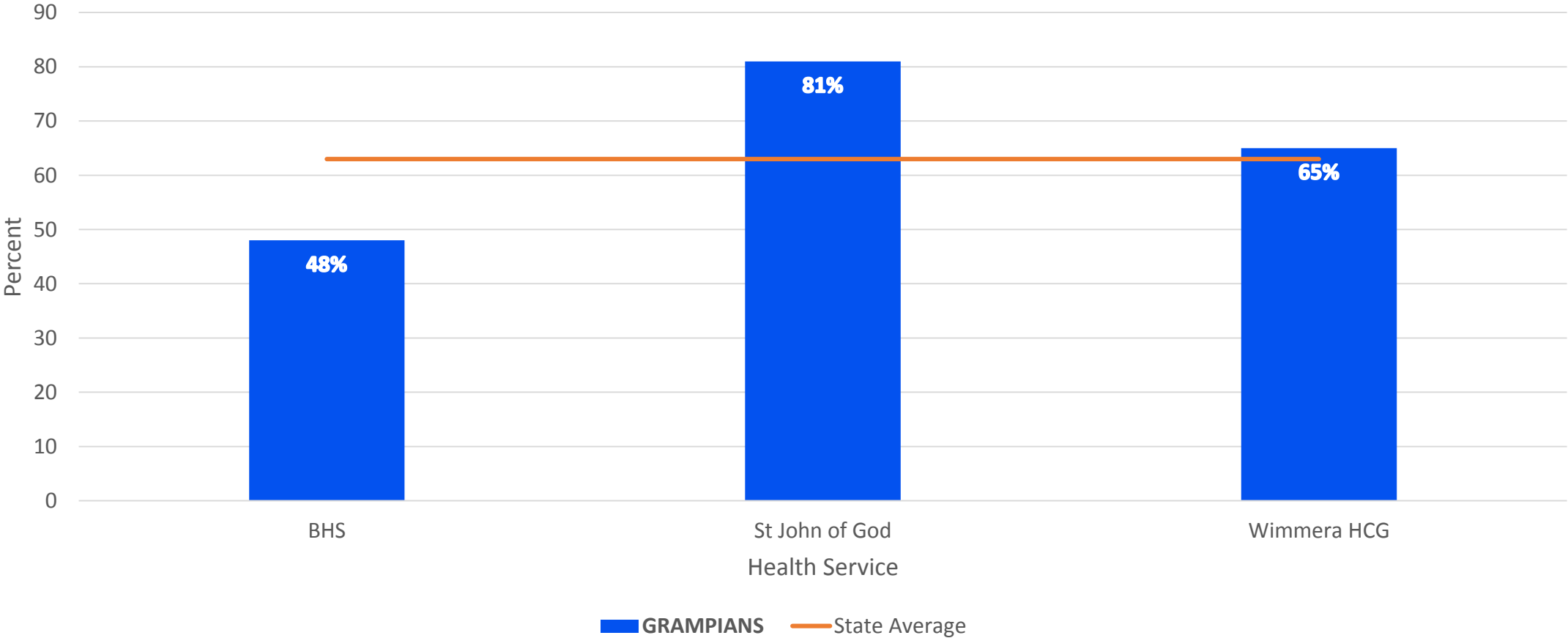
# Timeliness to Radiotherapy\*

(% having 1<sup>st</sup> treatment within 28 days of diagnosis)



\* Where radiotherapy is the first modality commenced

# Any First Treatment within 28 Days by Health Service (Lung Cancer) – 2015 Data



# 30 Day Deaths after Surgery (2015)

Surgery Type	Grampians	Statewide
Lobectomy	0/8	5/345 (1.5%)
Pneumonectomy	0/0	2/33 (6.1%)
Sub-lobar resection	0/11	10/333 (3%)

Source: Victorian Cancer Performance Monitoring Framework (VCPMF), November 2017

# Length of Stay after Surgery (2015)

Surgery Type	Grampians Median days (Range)	Statewide Median days (Range)
Lobectomy	6.5 days [N=8] (4 – 9 days)	7 days [N=345] (2 – 42 days)
Pneumonectomy	NR	8 days [N=33] (2 – 32 days)
Sub-lobar resection	4 days [N=11] (2 - 13 days)	7 days [N=333] (1 – 35 days)

Source: Victorian Cancer Performance Monitoring Framework (VCPMF), November 2017

# Change in 5 Year Survival over time (2006-2010 vs 2011-2015)

## Lung

