

Pathway reform for acutely sick and injured children



*Working together to make
South of Tyne and Wear healthy for you*

Gateshead Primary Care Trust • South Tyneside Primary Care Trust • Sunderland Teaching Primary Care Trust

'Getting Better Together'

- ∨ commissioning better services for sick and injured children.



Clinical Reference and Steering Group – March 2008

- Consultant Paediatricians
- Nurses (acute and community)
- Directors and business managers
- GP
- NHS Direct
- Local Authority
- NEAS
- NHS Institute for Innovation and Improvement



Options for the future

Option one:

Implementation of a range of service developments including:

- walk-in services available to children of all ages
- children's community nursing team support for acutely ill and injured children and young people
- children's short-stay assessment units in hospitals in Gateshead, Sunderland and South Tyneside, available for **limited hours**, eg 8.00am - 10.00pm
- inpatient care available at Sunderland Royal Hospital and the Great North Children's Hospital at the Royal Victoria Infirmary, Newcastle.

Option two:

Implementation of a range of service developments including:

- walk-in services available to children of all ages
- children's community nursing team support for acutely ill and injured children and young people
- children's short-stay assessment units in hospitals in Gateshead, Sunderland and South Tyneside, available for **24 hours** each day
- inpatient care available at Sunderland Royal Hospital and the Great North Children's Hospital at the Royal Victoria Infirmary, Newcastle.

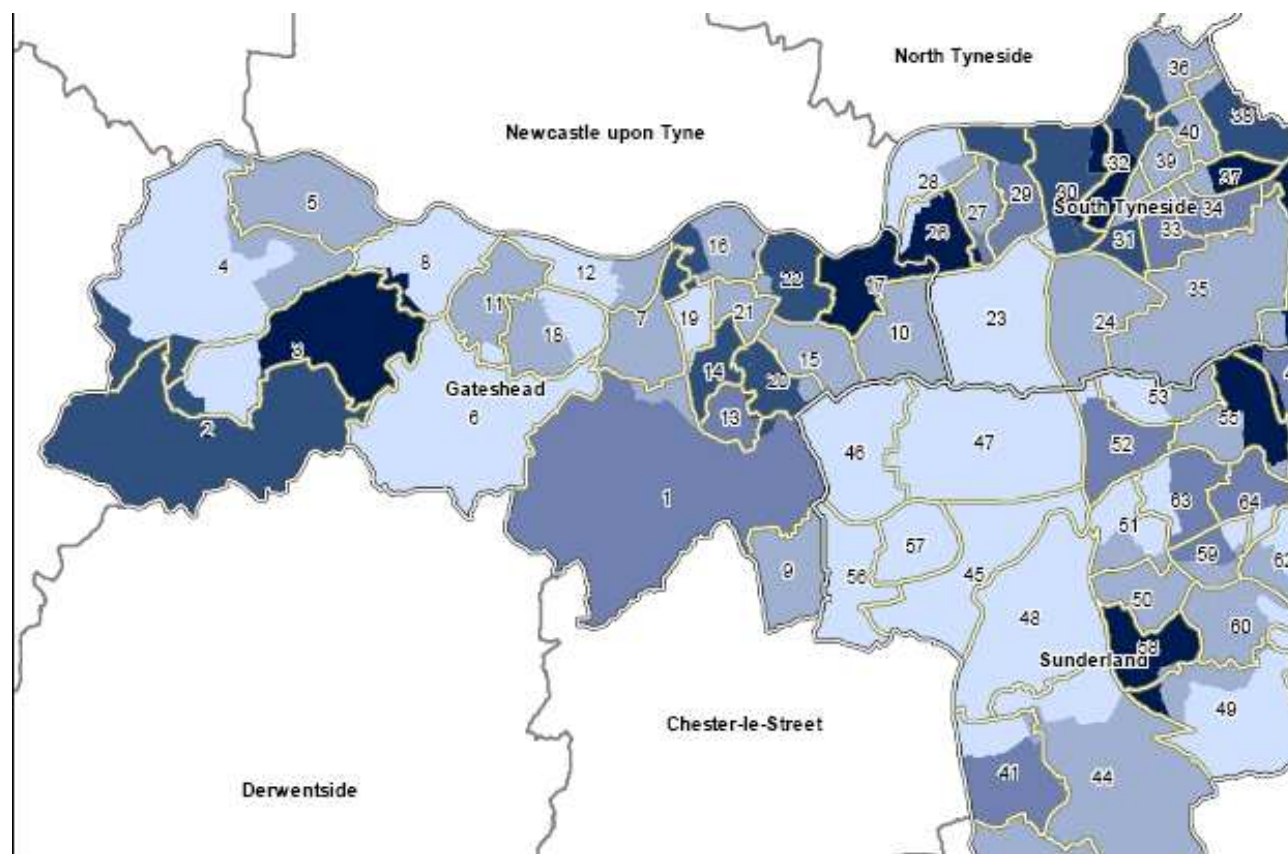


Why change?

- Nature of childhood illness has changed
- More children with long term conditions and complex needs
- Fragmentation of services and systems
- Changes in workforce
- Proposal is not about saving money



South of Tyne map & population figures



Sunderland
Adults: 197,459
Children: 64,955

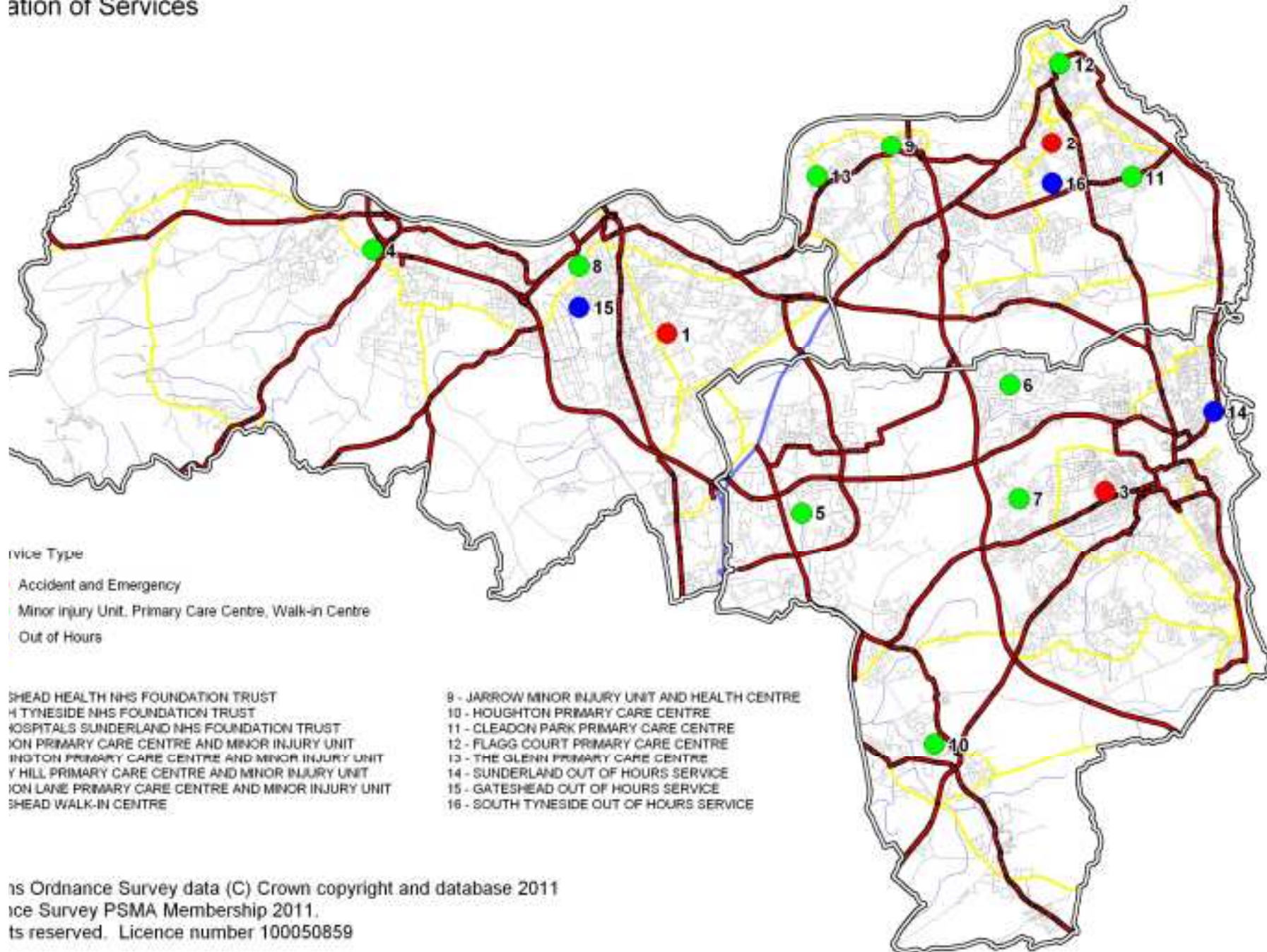
South Tyneside
Adults: 121,838
Children: 34,826

Gateshead
Adults: 161,308
Children: 46,631

SoTW
Adults: 627,017
Children: 146,412



3 South of Tyne and Wear ation of Services



Engagement work with parents and young people

Comments cards – 7000 distributed across GP practices, schools, libraries and children's centres – few returned

Questionnaires – 250 distributed and 156 returned

Structured interviews – 141 in children's centres and healthcare settings

Focus groups – through existing youth parliaments



Feedback from parents and young people

- Many respondents were positive
 - Confident that they knew where to get advice
 - Generally satisfied with services
 - Confident with diagnosis and treatment
 - Pleased with friendliness and efficiency of staff
- Some respondents reported negative experiences with a small number of reporting very poor experiences
- Many identified areas for improvement



Themes from young people and parents – autumn 2008

- Better access to GP especially out of normal hours
- Better access when child is first ill
- Good communication between professionals
- To be kept informed about child's condition
- Staff competent to assess children in all parts of the pathway
- Child friendly environment in A&E/WIC/MIU
- Speedy diagnosis
- Services that meet needs of young people as well as children
- Services that meet the needs of children with special needs
- Timely feedback from NHS Direct and Out of Hours Services
- Reduction in waiting times in A&E and WIC/MIU



Data review - Sunderland

Sunderland TPCT Children's Activity Overview 10/11							
Provider	First Outpatient	Follow Up Outpatient	Elective Inpatient	Elective Daycase	Non Elective Inpatient	Emergency Inpatients	A&E Attendances
City Hospitals Sunderland NHSFT	11,146 83%	30,859 86%	705 77%	1,625 65%	119 55%	3,916 85%	20,337 93%
Gateshead Health NHSFT	394 3%	717 2%	7 1%	22 1%	14 6%	330 7%	963 4%
South Tyneside NHSFT	100 1%	120 0%	0 0%	10 0%	6 3%	34 1%	119 1%
Newcastle Upon Tyne Hospitals NHSFT	1,084 8%	3,004 8%	191 21%	749 30%	72 33%	234 5%	77 0%
County Durham and Darlington NHSFT	729 5%	1,112 3%	10 1%	81 3%	5 2%	81 2%	175 1%
Other Providers	20 0%	36 0%	2 0%	12 0%	1 0%	13 0%	94 0%
Total	13,473	35,848	915	2,499	217	4,608	21,765



Data review – South Tyneside

South Tyneside PCT Children's Activity Overview 10/11							
Provider	First Outpatient	Follow Up Outpatient	Elective Inpatient	Elective Daycase	Non Elective Inpatient	Emergency Inpatients	A&E Attendance
City Hospitals Sunderland NHS FT	951 14%	1,610 14%	166 51%	263 21%	13 5%	101 3%	660 5%
Gateshead Health NHS FT	120 2%	154 1%	4 1%	3 0%	5 2%	38 1%	130 1%
South Tyneside NHS FT	4,509 64%	6,834 60%	24 7%	478 38%	166 68%	2,695 88%	11,289 92%
Newcastle Upon Tyne Hospitals NHS FT	1,149 16%	2,439 21%	128 39%	484 38%	53 22%	180 6%	57 0%
County Durham and Darlington NHS FT	276 4%	329 3%	5 2%	27 2%	0 0%	46 1%	20 0%
Other Providers	13 0%	31 0%	1 0%	4 0%	7 3%	14 0%	71 1%
Total	7,018	11,397	328	1,259	244	3,074	12,227

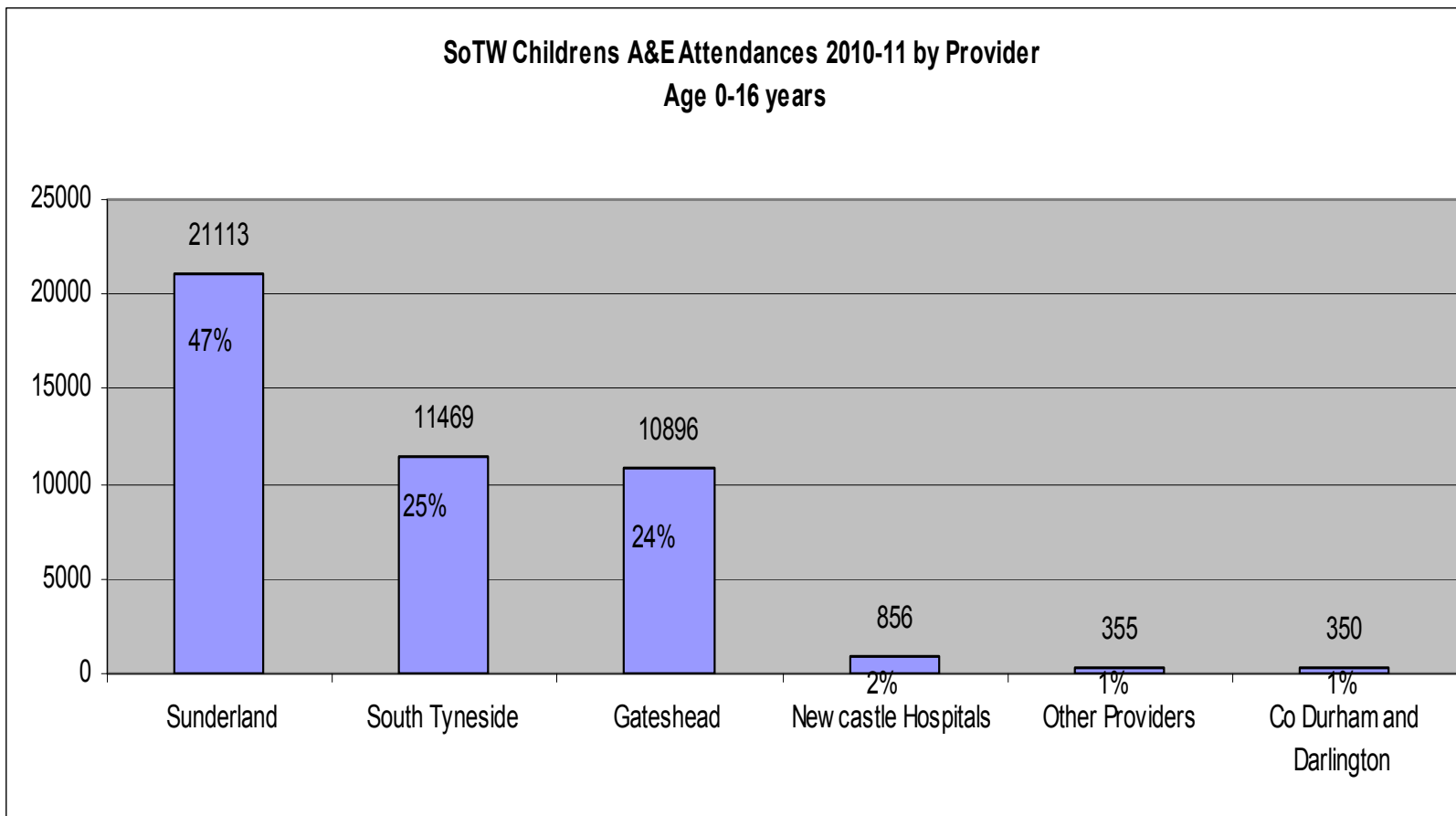


Data review – Gateshead

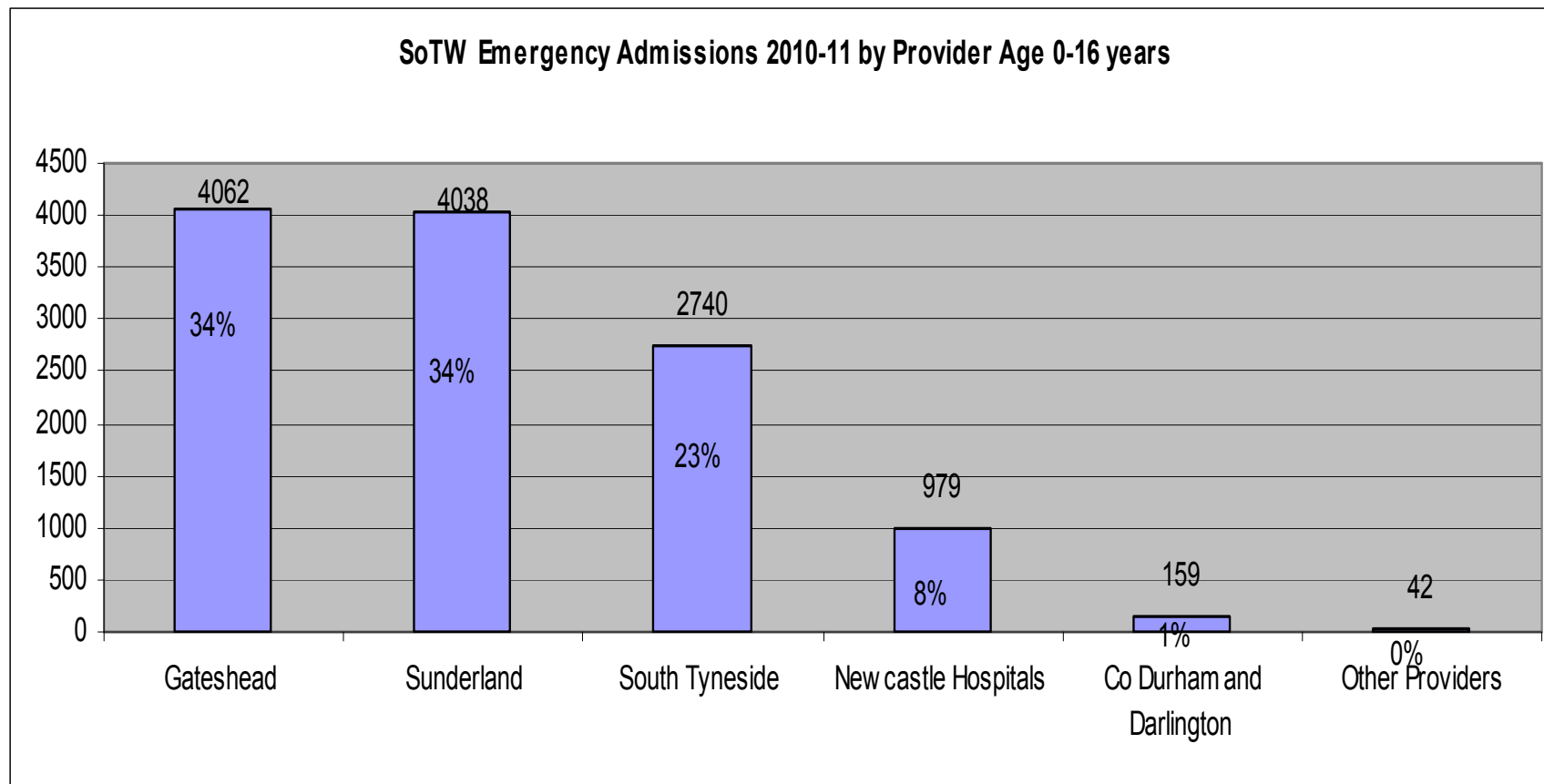
Gateshead PCT Children's Activity Overview 10/11							
Provider	First Outpatient	Follow Up Outpatient	Elective Inpatient	Elective Daycase	Non Elective Inpatient	Emergency Inpatients	A&E Attendance
City Hospitals Sunderland NHS FT	310 4%	438 2%	82 23%	100 7%	5 2%	21 0%	116 1%
Gateshead Health NHS FT	4,599 52%	12,519 59%	33 9%	169 11%	121 46%	3,694 85%	9,803 89%
South Tyneside NHS FT	37 0%	43 0%	0 0%	2 0%	0 0%	11 0%	61 0%
Newcastle Upon Tyne Hospitals NHS FT	3,628 41%	7,941 37%	239 67%	1,221 81%	113 43%	565 13%	722 7%
County Durham and Darlington NHS FT	178 2%	219 1%	1 0%	12 0%	5 2%	32 1%	155 1%
Other Providers	14 0%	22 0%	1 0%	1 0%	20 8%	15 0%	190 2%
Total	8,767	21,183	356	1,505	264	4,338	11,047



A&E attendances



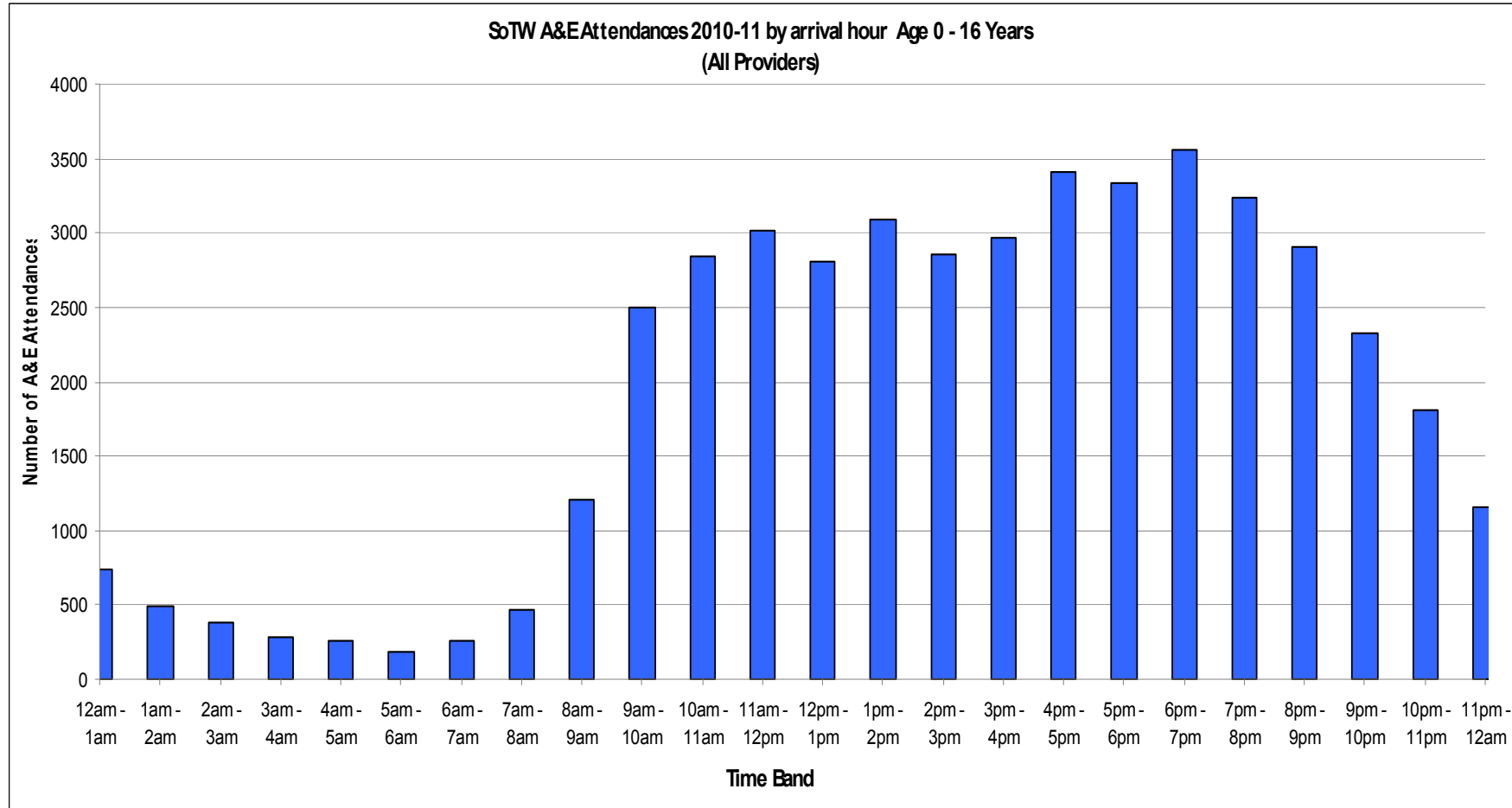
Emergency admissions



**Most children's emergencies present between the hours
of 8.00am and 11.00pm:**

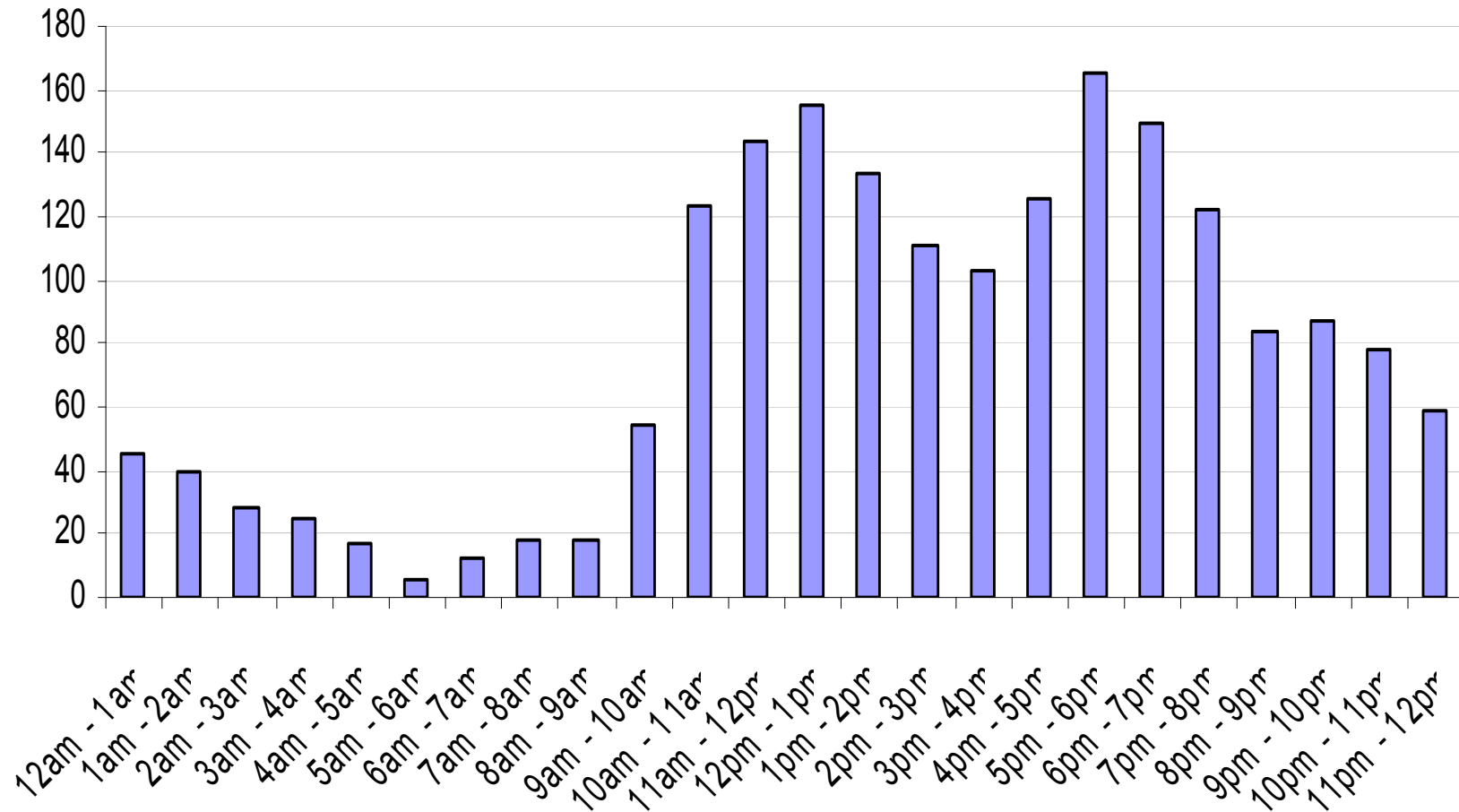


South of Tyne and Wear

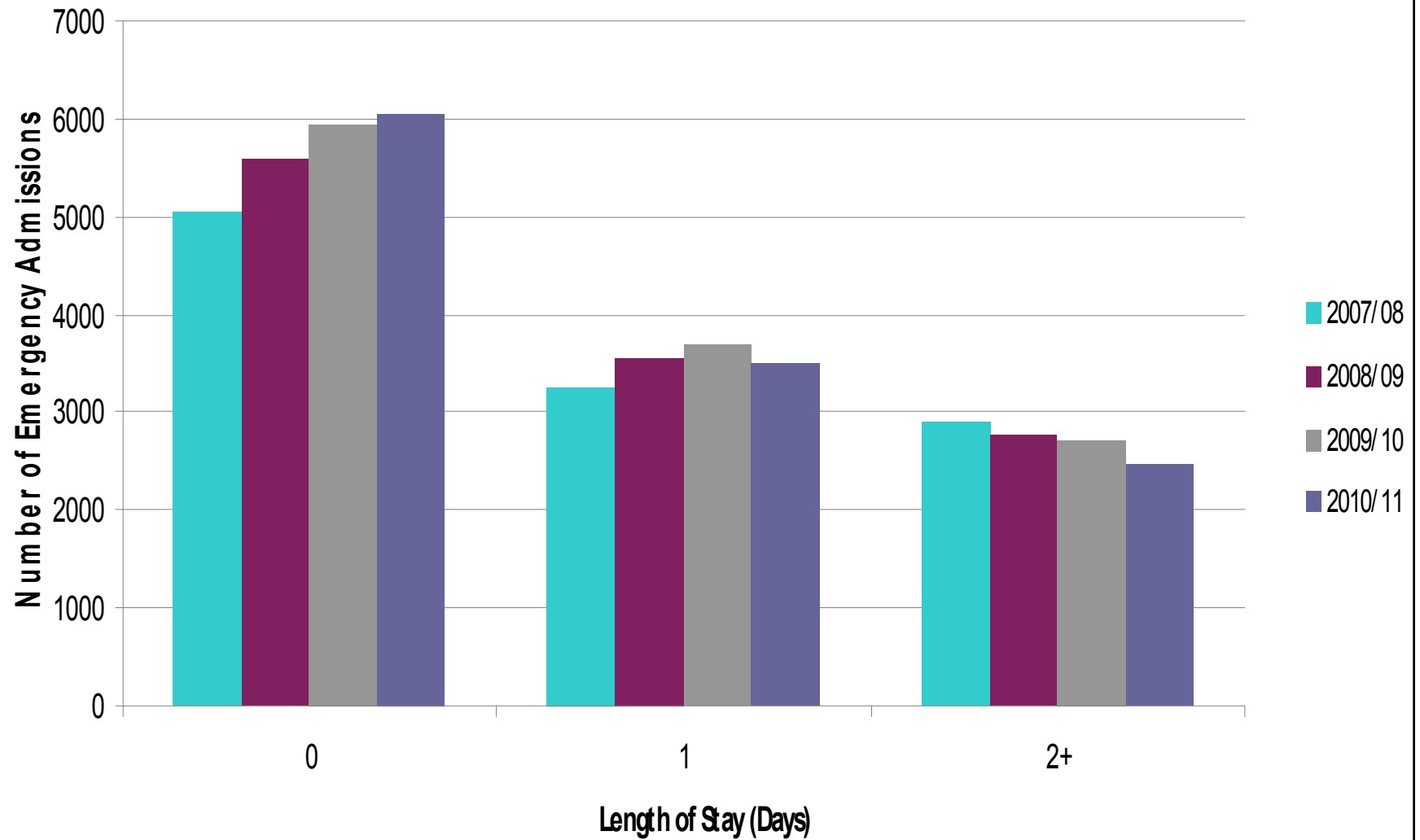


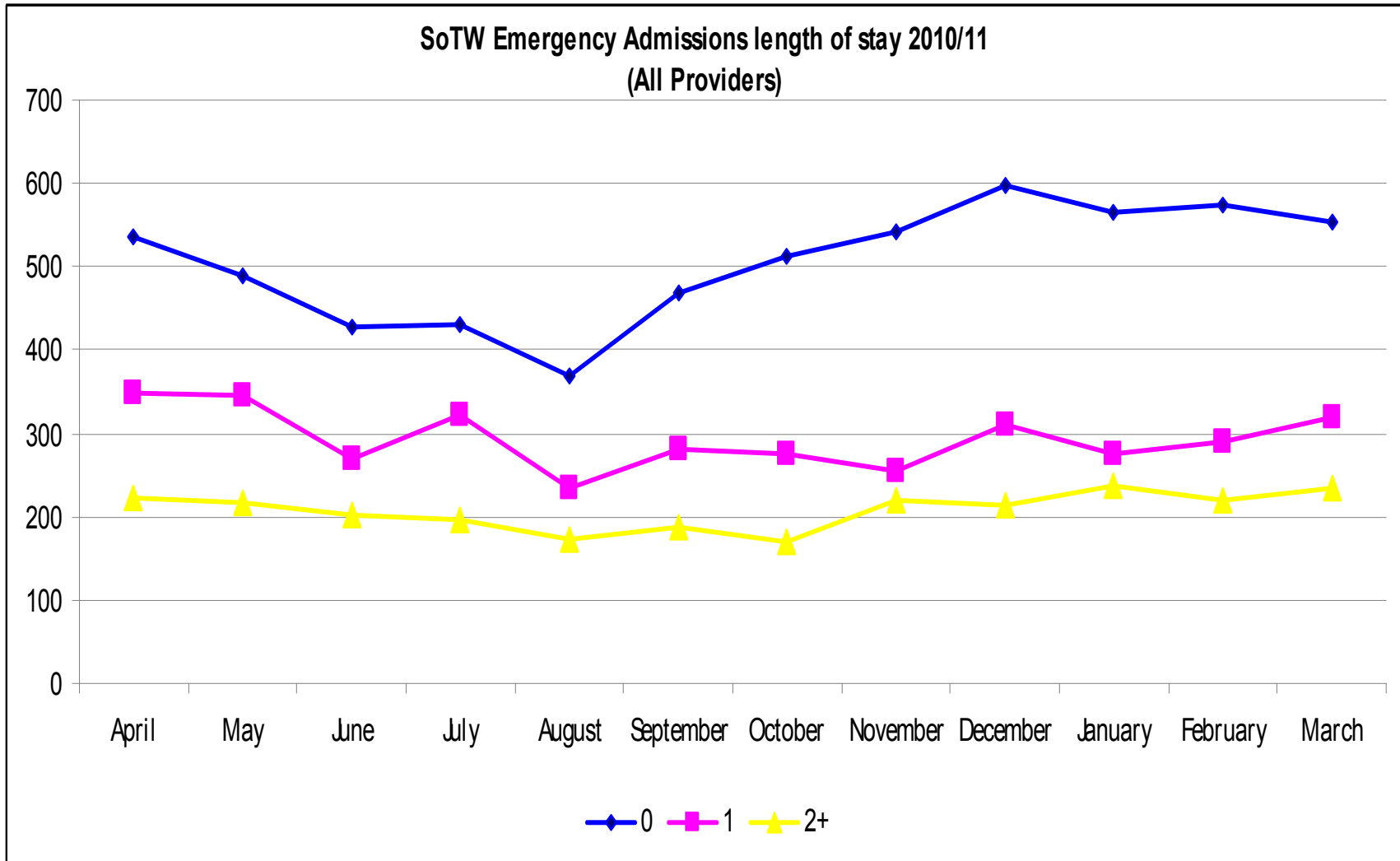
Emergency admissions in one locality 0-16 years

January - May 2010



SoTW Paediatric Length of Stay Age 0 - 16 Years





Ongoing developments

Financial support from PCT for:

- Children's community nursing teams – enhanced service
- Walk in centres/minor injuries units – children of all ages
- Continued 'testing' of paediatric short stay model of working



Clinical perspective

Rosemary Menzies, Consultant Paediatrician,
Gateshead Health Foundation Trust.

Gabriel Okugbeni, Consultant Paediatrician, South
Tyneside Foundation Trust.

Geoff Lawson, Consultant Paediatrician, City
Hospitals Sunderland Foundation Trust.



Clinical evidence base

Royal College of Paediatrics and Child Health:

- Supporting Paediatric Reconfiguration – A Framework for Standards (2008)
- Standards for Paediatric Services (April 2011)
- Modelling the Future I (2007), II (2008), III (2008)
- Facing the Future (2011)

External review - National Clinical Advisory Team (Nov 2011):

- Support the case for change and the need to concentrate resources for inpatient care within one hospital (City Hospitals Sunderland).
- Both options 1 and 2 will provide a high quality safe service for children with acute illness with the level of senior clinical presence incorporated into both options.



What will be different?

Community nursing services:

8 year old Ben has an infection and requires intravenous antibiotics three times each day for a number of days.



What will be different

Assessment and short stay units – paediatric assessment early in pathway:

3 year old Jenny has been unsettled and crying for 24 hours. She has high temperature and appears distressed when passing urine. Her mum notices that she has become unresponsive and then begins to shake.



What will be different

Inpatient care:

Stacey is 9 years old and has been complaining of abdominal pain, a number of hours have passed and the pain is getting worse. Her parents take her to see the GP who is concerned that she has appendicitis.

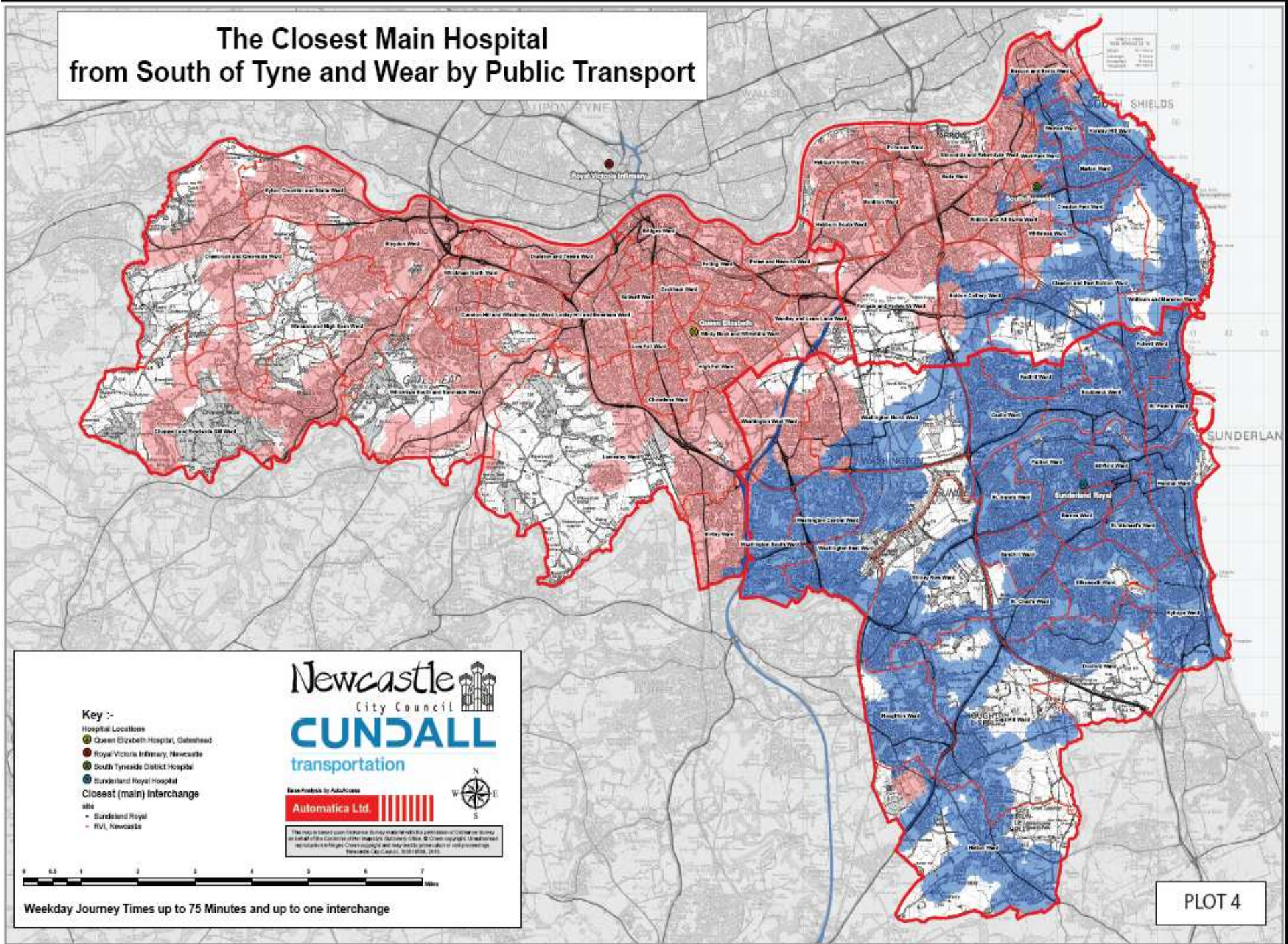


Travel implications

- Many children access elective care or outpatient care in Newcastle or Sunderland
- Access to services is often easier by car
- National statistics show that 75% of people report that they would use a car to get to their local hospital
- Local hospital survey indicated that only 7% of those patients that took part in survey had used public transport
- Small number of families would travel further
- Travel analysis completed and available on web site



The Closest Main Hospital from South of Tyne and Wear by Public Transport



Key :-

- Hospital Locations
- Queen Elizabeth Hospital, Gateshead
- Royal Victoria Infirmary, Newcastle
- South Tyneside District Hospital
- Sunderland Royal Hospital
- Closest (main) Interchange**
- site**
- Sunderland Royal
- RVL, Newcastle



Base Provided by Automatica



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Weekday Journey Times up to 75 Minutes and up to one interchange

PLOT 4

Consultation

- Broad range of stakeholders identified and information distributed
- Public meetings January/February/March
- Informal meetings as requested
- Further engagement work with community groups



What happens next

- PCT led consultation
- North East Quality Observatory - Independent review and analysis of feedback
- PCT Board will listen to and consider views of partners and the public in making a decision on the future pathway
- OSCs may refer to secretary of state

