

Future Fit Programme Shropshire and Telford & Wrekin Health Economy

Affordability Analysis
October 2014

Project Brief



What it is....

- An affordability statement which could be used by the local health economy to assist in deliberations about future health service investment decisions
- An understanding of the relative spending levels of the 2 CCGs on acute and community services, and the CCGs position going forward – because this will impact on spending decisions and the likelihood of additional resources being available
- A range of possible scenarios for commissioners to assist in looking ahead at likely funding decisions

What it's not......

- The analysis cannot be a definitive statement about the affordability of options, as these require decisions to me made about the relative benefits of options
- The analysis makes no specific reference to Welsh NHS commissioning budgets but investment potential is almost certain to be of a similar scale
- The analysis is a commissioner based affordability statement only. Whilst provider DFs have been involved in discussion, the economics of the providers have not been considered, other than to use as a variable the extent to which cost efficiencies in future years can be relied upon





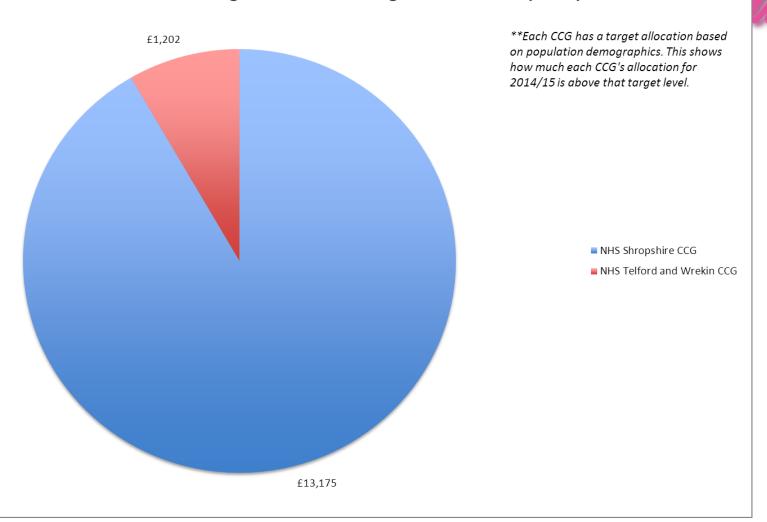


Comparative analysis

06/01/2015

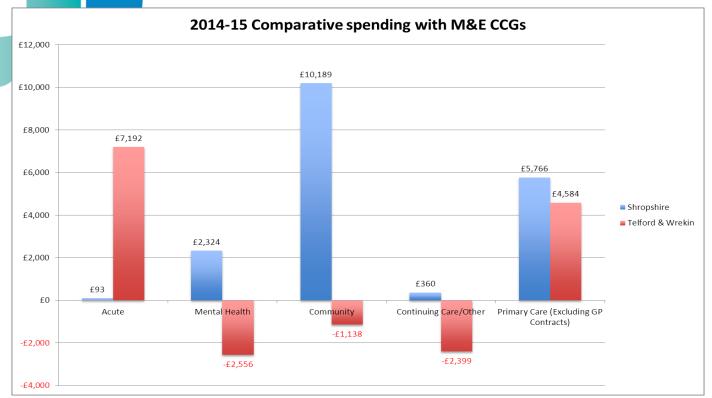
Both CCGs above target spending in total

Distance above Target 2014-15 Closing Allocations** (£000)





Spending on Acute and Community above the regional average.



Scale shows absolute expenditure in service areas compared to the M&E average e.g. Telford & Wrekin CCG spends £7.192 million more on acute care than if they were to spend the average amount per head of population.

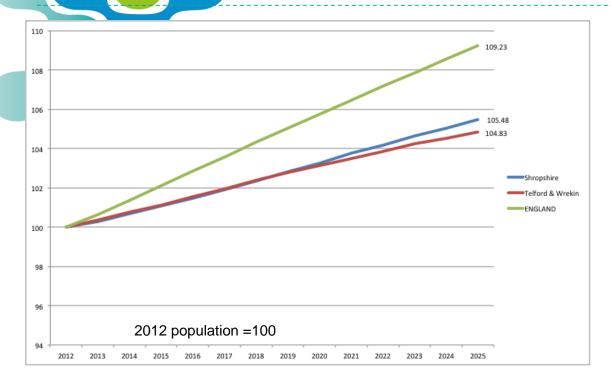
Experience Counts

HEALTH WARNING

Spec services re-integration with CCGs may change this position

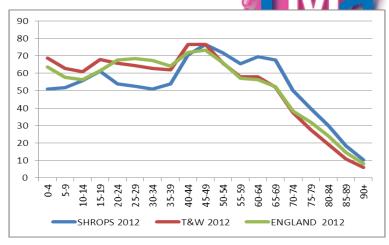
- Both CCGs receive more than average resources (above target)
- Both CCGs invest more than average in acute and community services compared to other CCGs in the Midlands and East
- The chances, and reasonability, of investing more than an average level of resources in acute and community services in future is unlikely

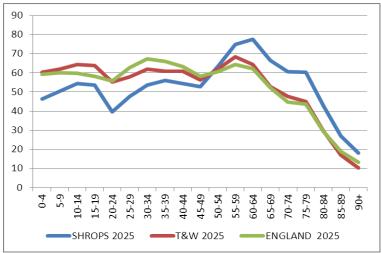
Populations growing less than the English average



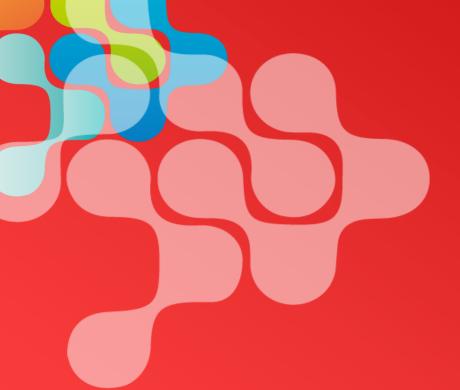
The populations of both CCGs are growing slower than the English average. In addition the Shropshire population is relatively older than England and Telford, which is exacerbated over the period until 2025







Profile of the age of 1,000 residents in 2012 and 2025 from ONS statistics i.e. age distribution of 1,000 residents

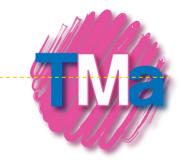




Current CCG 5 Year Financial Plans

Based on submissions made 30th June 2014 – excludes latest BCF plans

Joint 5 year Profile



| £ 000 | 2014/15 | 2015/16 | 2016/17 | 2017/18 | 2018/19 |
|-----------------|----------|----------|----------|----------|----------|
| INCOME | £552,552 | £570,474 | £580,597 | £590,119 | £599,802 |
| Carried Forward | £2,250 | £3,630 | £5,742 | £5,920 | £5,991 |
| TOTAL | £554,802 | £574,104 | £586,339 | £596,039 | £605,793 |

| Expenditure | Ēχ | р | en | di | itι | ıre |
|-------------|----|---|----|----|-----|-----|
|-------------|----|---|----|----|-----|-----|

| zapenarea.e | | | | | |
|---------------------------------------|----------|----------|----------|----------|----------|
| Acute | £289,612 | £290,450 | £292,956 | £294,585 | £294,059 |
| Community | £64,601 | £65,292 | £65,827 | £66,375 | £67,003 |
| Sub-total Acute & Community | £354,213 | £355,742 | £358,783 | £360,960 | £361,062 |
| | | | | | |
| Mental Health | £50,567 | £51,595 | £52,065 | £52,560 | £53,124 |
| Continuing Healthcare | £25,940 | £26,764 | £27,628 | £28,511 | £29,426 |
| Primary Care (Excluding GP Contracts) | £88,920 | £93,545 | £99,174 | £105,241 | £111,716 |
| Other | £31,532 | £40,716 | £42,769 | £42,776 | £44,401 |
| Total Costs | £551,172 | £568,362 | £580,419 | £590,048 | £599,729 |
| | | | | | |

£3,630

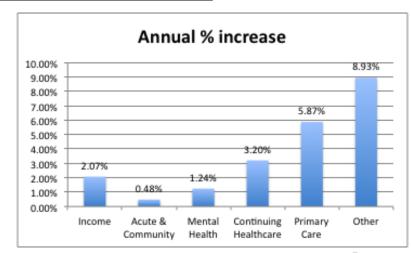
£5,742

£5,920

£5,991

Commissioners are planning to invest in other programmes over the next 5 years, leading to a relative reduction in proportion of spend on acute and community services

Surplus/(deficit)



£6,064







Affordability Scenario Analysis

2014-15 to 2024-25



6 Scenarios and "look up calculator"



| Scenario | 5 year plan extant? | Allocation | Provider efficiency | Cost of care | Demograp hic rise | Increase in other programm es |
|----------|------------------------|------------|------------------------|--------------|----------------------|-------------------------------|
| Scenario | extant: | growth | erriciency | care | THETISE | C3 |
| | | | | | | |
| A1 | YES | 2.0% | 3.0% | 3.0% | 0.4% | 2.0% |
| A2 | YES | 2.0% | 1.0% | 4.0% | 0.4% | 2.0% |
| А3 | YES | 2.5% | 2.0% | 3.0% | 0.4% | 2.5% |
| B1 | NO | 2.0% | 3.0% | 3.0% | 0.4% | 2.0% |
| B2 | NO | 2.0% | 1.0% | 4.0% | 0.4% | 2.0% |
| В3 | NO | 2.5% | 2.0% | 3.0% | 0.4% | 2.5% |

6 variables in each of the scenarios:

- a. Shall we keep the current 5 year plan and amend after that?
- b. What is the average CCG growth level per annum?
- c. What level of cash releasing provider efficiency are we expecting for acute & community services?
- d. How much will it cost the providers to provide care (inc tech changes)?
- e. What level of demographic demand pressure are we expecting?
- f. How much are other programmes (not acute and community) going to increase by in cash terms? (includes cost improvement, cost of care, demography)



Scenario A1:

| | | 1 | 7 | | |
|---|---|---|----|---|---|
| | | | | | |
| | i | 1 | 71 | 9 | 7 |
| 7 | 7 | | | | |

| Scenario A1: | Average allo | cation and co | ost of care; h | igh provider | efficiency | | | | | | |
|---------------------------------------|--------------------|---------------|----------------|--------------|------------|----------------|----------------|----------|----------|----------|----------|
| Allocations: | As per 5 year | rplan | | | | Assume per | annum | 2.0% | | | |
| Provider Efficiency | As per 5 year | plan | | | | Assume per | annum | 3.0% | | | |
| Cost of Care | As per 5 year | r plan | | | | Assume per | annum | 3.0% | | | |
| Demand | As per 5 year | plan | | | | as per popul | ation increas | ses | | | |
| Investment in other services | As per 5 year plan | | | | | in line with a | allocation gro | owth | | | |
| Invetsment in A&C | NiL | | | | | balance of re | esources | | | | |
| | | | | | | | | | | | |
| £ 000 | 2014/15 | 2015/16 | 2016/17 | 2017/18 | 2018/19 | 2019/20 | 2020/21 | 2021/22 | 2022/23 | 2023/24 | 2024/25 |
| INCOME | £552,552 | £570,474 | £580,597 | £590,119 | £599,802 | £611,798 | £624,034 | £636,515 | £649,245 | £662,230 | £675,474 |
| Carried Forward | £2,250 | £3,630 | £5,742 | £5,920 | £5,991 | £6,064 | £6,118 | £6,240 | £6,365 | £6,492 | £6,622 |
| TOTAL | £554,802 | £574,104 | £586,339 | £596,039 | £605,793 | £617,862 | £630,152 | £642,755 | £655,610 | £668,722 | £682,097 |
| | | | | | | | | | | | |
| Expenditure | | | | | | | | | | | |
| Acute | £289,612 | £290,450 | £292,956 | £294,585 | £294,059 | £295,066 | £296,071 | £297,014 | £298,015 | £298,893 | £299,830 |
| Community | £64,601 | £65,292 | £65,827 | £66,375 | £67,003 | £67,232 | £67,462 | £67,676 | £67,904 | £68,105 | £68,318 |
| Sub-total Acute & Community | £354,213 | £355,742 | £358,783 | £360,960 | £361,062 | £362,299 | £363,533 | £364,690 | £365,920 | £366,998 | £368,148 |
| Investment potential | | | | | | £6,005 | £12,070 | £18,424 | £24,857 | £31,594 | £38,416 |
| | | | | | | | | | | | |
| Mental Health | £50,567 | £51,595 | £52,065 | £52,560 | £53,124 | £54,186 | £55,270 | £56,376 | £57,503 | £58,653 | £59,826 |
| Continuing Healthcare | £25,940 | £26,764 | £27,628 | £28,511 | £29,426 | £30,015 | £30,615 | £31,227 | £31,852 | £32,489 | £33,138 |
| Primary Care (Excluding GP Contracts) | £88,920 | £93,545 | £99,174 | £105,241 | £111,716 | £113,950 | £116,229 | £118,554 | £120,925 | £123,343 | £125,810 |
| Other | £31,532 | £40,716 | £42,769 | £42,776 | £44,401 | £45,289 | £46,195 | £47,119 | £48,061 | £49,022 | £50,003 |
| Total Costs | £551,172 | £568,362 | £580,419 | £590,048 | £599,729 | £611,744 | £623,912 | £636,390 | £649,118 | £662,100 | £675,342 |
| | | | | | | | | | | | |
| Surplus/(deficit) | £3,630 | £5,742 | £5,920 | £5,991 | £6,064 | £6,118 | £6,240 | £6,365 | £6,492 | £6,622 | £6,755 |

Under this scenario there is £38 million recurrently available at the end of the programme to invest in acute and community services.



Average cost of care; high level of provider efficiency.

Scenario A2:

| 1.17/ | M |
|-------|---|
| | |
| | |

| Scenario A2: Average allocation; high cost of care; low provider efficiency | | | | | | | | | | | | |
|---|---------------|----------|----------|----------|----------|--------------------------|----------------|----------|----------|----------|----------|--|
| Allocations: | As per 5 year | rplan | | | | Assume per | annum | 2% | | - 1/2// | | |
| Provider Efficiency | As per 5 year | rplan | | | | Assume per | annum | 1% | | | | |
| Cost of Care | As per 5 year | rplan | | | | Assume per | annum | 4% | | | | |
| Demand | As per 5 year | rplan | | | | as per population increa | | ses | | | | |
| Investment in other services | As per 5 year | rplan | | | | in line with a | allocation gro | owth | | | | |
| Invetsment in A&C | NiL | | | | | balance of re | esources | | | | | |
| | | | | | | | | | | | | |
| £ 000 | 2014/15 | 2015/16 | 2016/17 | 2017/18 | 2018/19 | 2019/20 | 2020/21 | 2021/22 | 2022/23 | 2023/24 | 2024/25 | |
| INCOME | £552,552 | £570,474 | £580,597 | £590,119 | £599,802 | £611,798 | £624,034 | £636,515 | £649,245 | £662,230 | £675,474 | |
| Carried Forward | £2,250 | £3,630 | £5,742 | £5,920 | £5,991 | £6,064 | £6,118 | £6,240 | £6,365 | £6,492 | £6,622 | |
| TOTAL | £554,802 | £574,104 | £586,339 | £596,039 | £605,793 | £617,862 | £630,152 | £642,755 | £655,610 | £668,722 | £682,097 | |
| | | | | | | | | | | | | |
| Expenditure | | | | | | | | | | | | |
| Acute | £289,612 | £290,450 | £292,956 | £294,585 | £294,059 | £304,074 | £314,424 | £325,054 | £336,106 | £347,388 | £359,115 | |
| Community | £64,601 | £65,292 | £65,827 | £66,375 | £67,003 | £69,285 | £71,643 | £74,065 | £76,584 | £79,154 | £81,826 | |
| Sub-total Acute & Community | £354,213 | £355,742 | £358,783 | £360,960 | £361,062 | £373,359 | £386,067 | £399,120 | £412,690 | £426,542 | £440,941 | |
| Investment potential | | | | | | -£5,055 | -£10,465 | -£16,005 | -£21,913 | -£27,949 | -£34,376 | |
| | | | | | | | | | | | | |
| Mental Health | £50,567 | £51,595 | £52,065 | £52,560 | £53,124 | £54,186 | £55,270 | £56,376 | £57,503 | £58,653 | £59,826 | |
| Continuing Healthcare | £25,940 | £26,764 | £27,628 | £28,511 | £29,426 | £30,015 | £30,615 | £31,227 | £31,852 | £32,489 | £33,138 | |
| Primary Care (Excluding GP Contracts) | £88,920 | £93,545 | £99,174 | £105,241 | £111,716 | £113,950 | £116,229 | £118,554 | £120,925 | £123,343 | £125,810 | |
| Other | £31,532 | £40,716 | £42,769 | £42,776 | £44,401 | £45,289 | £46,195 | £47,119 | £48,061 | £49,022 | £50,003 | |
| Total Costs | £551,172 | £568,362 | £580,419 | £590,048 | £599,729 | £611,744 | £623,912 | £636,390 | £649,118 | £662,100 | £675,342 | |
| | | | | | | | | | | | | |
| Surplus/(deficit) | £3,630 | £5,742 | £5,920 | £5,991 | £6,064 | £6,118 | £6,240 | £6,365 | £6,492 | £6,622 | £6,755 | |

Under this scenario there is a £34 million shortfall at the end of the period.

High cost of care; low provider efficiency available to commissioners; and average level of allocation growth.



Scenario A3:

| | | | | | | | | | | | - |
|---------------------------------------|--------------------|---------------|---------------|----------------|----------------|---------------------|----------------|----------|----------|----------|----------------|
| Scenario A3: | Slightly high | er allocation | ; average hig | th cost of car | e; average p | rovider effic | iency | | | | / |
| Allocations: | As per 5 year | plan | | | | Assume per | annum | 2.5% | | | 100/00/1911 |
| Provider Efficiency | As per 5 year | plan | | | | Assume per | annum | 2% | | | |
| Cost of Care | As per 5 year | plan | | | | Assume per annum 3% | | | | | |
| Demand | As per 5 year | plan | | | | as per popul | ation increas | ses | | | |
| Investment in other services | As per 5 year plan | | | | in line with a | allocation gro | owth | | | | |
| Invetsment in A&C | NiL | | | | | in line with a | allocation gro | owth | | | |
| | | | | | | | | | | | |
| £ 000 | 2014/15 | 2015/16 | 2016/17 | 2017/18 | 2018/19 | 2019/20 | 2020/21 | 2021/22 | 2022/23 | 2023/24 | 2024/25 |
| INCOME | £552,552 | £570,474 | £580,597 | £590,119 | £599,802 | £614,797 | £630,167 | £645,921 | £662,069 | £678,621 | £695,586 |
| Carried Forward | £2,250 | £3,630 | £5,742 | £5,920 | £5,991 | £6,064 | £6,148 | £6,302 | £6,459 | £6,621 | £6,786 |
| TOTAL | £554,802 | £574,104 | £586,339 | £596,039 | £605,793 | £620,861 | £636,315 | £652,223 | £668,528 | £685,242 | £702,373 |
| | | | | | | | | | | | |
| Expenditure | | | | | | | | | | | |
| Acute | £289,612 | £290,450 | £292,956 | £294,585 | £294,059 | £298,108 | £297,746 | £297,319 | £296,948 | £296,452 | £296,012 |
| Community | £64,601 | £65,292 | £65,827 | £66,375 | £67,003 | £67,926 | £68,191 | £68,442 | £68,708 | £68,944 | £69,195 |
| Sub-total Acute & Community | £354,213 | £355,742 | £358,783 | £360,960 | £361,062 | £366,034 | £365,938 | £365,762 | £365,655 | £365,396 | £365,207 |
| Investment potential | | | | | | £4,046 | £13,326 | £22,984 | £32,809 | £43,029 | £53,429 |
| | | | | | | | | | | | |
| Mental Health | £50,567 | £51,595 | £52,065 | £52,560 | £53,124 | £54,452 | £55,813 | £57,209 | £58,639 | £60,105 | £61,608 |
| Continuing Healthcare | £25,940 | £26,764 | £27,628 | £28,511 | £29,426 | £30,162 | £30,916 | £31,689 | £32,481 | £33,293 | £34,125 |
| Primary Care (Excluding GP Contracts) | £88,920 | £93,545 | £99,174 | £105,241 | £111,716 | £114,509 | £117,372 | £120,306 | £123,314 | £126,396 | £129,556 |
| Other | £31,532 | £40,716 | £42,769 | £42,776 | £44,401 | £45,511 | £46,649 | £47,815 | £49,010 | £50,236 | £51,491 |
| Total Costs | £551,172 | £568,362 | £580,419 | £590,048 | £599,729 | £614,713 | £630,013 | £645,764 | £661,908 | £678,455 | £695,417 |
| | | | | | | | | | | | |
| Surplus/(deficit) | £3,630 | £5,742 | £5,920 | £5,991 | £6,064 | £6,148 | £6,302 | £6,459 | £6,621 | £6,786 | £6,956 |

Under this scenario there is £53 million recurrently available at the end of the programme to invest in acute and community services.



Average cost of care; average level of provider efficiency; and a slightly higher allocation.

Scenario B1: (scenario A1 from 16-17)

| Scenario B1: | Average allo | cation and co | ost of care; h | igh provider | efficiency | | | | | | |
|---------------------------------------|--|---------------|----------------|--------------|------------|----------------|----------------|----------|----------|----------|----------|
| Allocations: | As per 5 year | plan for 2 ye | ears then cha | ange | | Assume per | annum | 2.0% | | | |
| Provider Efficiency | As per 5 year | plan for 2 ye | ears then cha | ange | | Assume per | annum | 3.0% | | | |
| Cost of Care | As per 5 year | plan for 2 ye | ears then cha | ange | | Assume per | annum | 3.0% | | | |
| Demand | As per 5 year | plan for 2 ye | ears then cha | ange | | as per popul | ation increas | ses | | | |
| Investment in other services | As per 5 year plan for 2 years then change | | | | | in line with a | allocation gro | owth | | | |
| Invetsment in A&C | As per 5 year plan for 2 years then change | | | | | in line with a | allocation gro | owth | | | |
| | | | | | | | | | | | |
| £ 000 | 2014/15 | 2015/16 | 2016/17 | 2017/18 | 2018/19 | 2019/20 | 2020/21 | 2021/22 | 2022/23 | 2023/24 | 2024/25 |
| INCOME | £552,552 | £570,474 | £581,883 | £593,521 | £605,392 | £617,499 | £629,849 | £642,446 | £655,295 | £668,401 | £681,769 |
| Carried Forward | £2,250 | £3,630 | £5,742 | £5,819 | £5,935 | £6,054 | £6,175 | £6,298 | £6,424 | £6,553 | £6,684 |
| TOTAL | £554,802 | £574,104 | £587,625 | £599,340 | £611,327 | £623,553 | £636,024 | £648,745 | £661,720 | £674,954 | £688,453 |
| | | | | | | | | | | | |
| Expenditure | | | | | | | | | | | |
| Acute | £289,612 | £290,450 | £291,278 | £292,226 | £293,172 | £294,176 | £295,178 | £296,118 | £297,116 | £297,992 | £298,926 |
| Community | £64,601 | £65,292 | £65,478 | £65,691 | £65,904 | £66,130 | £66,355 | £66,566 | £66,790 | £66,987 | £67,197 |
| Sub-total Acute & Community | £354,213 | £355,742 | £356,757 | £357,917 | £359,076 | £360,305 | £361,533 | £362,684 | £363,906 | £364,979 | £366,123 |
| Investment potential | | | £8,178 | £14,278 | £20,563 | £26,926 | £33,443 | £40,192 | £47,027 | £54,173 | £61,412 |
| | | | | | | | | | | | |
| Mental Health | £50,567 | £51,595 | £52,627 | £53,679 | £54,753 | £55,848 | £56,965 | £58,104 | £59,266 | £60,452 | £61,661 |
| Continuing Healthcare | £25,940 | £26,764 | £27,299 | £27,845 | £28,402 | £28,970 | £29,550 | £30,141 | £30,743 | £31,358 | £31,985 |
| Primary Care (Excluding GP Contracts) | £88,920 | £93,545 | £95,416 | £97,324 | £99,271 | £101,256 | £103,281 | £105,347 | £107,454 | £109,603 | £111,795 |
| Other | £31,532 | £40,716 | £41,530 | £42,361 | £43,208 | £44,072 | £44,954 | £45,853 | £46,770 | £47,705 | £48,659 |
| Total Costs | £551,172 | £568,362 | £581,807 | £593,405 | £605,273 | £617,378 | £629,726 | £642,320 | £655,167 | £668,270 | £681,636 |
| | | | | | | | | | | | |
| Surplus/(deficit) | £3,630 | £5,742 | £5,819 | £5,935 | £6,054 | £6,175 | £6,298 | £6,424 | £6,553 | £6,684 | £6,818 |

Under this scenario there is £61 million recurrently available at the end of the programme to invest in acute and community services.



Average allocation growth but a longer period to implement; high provider efficiency; and average cost of care.

Scenario B2: (Scenario A2 from 16-17)

| Scenario B2: | Average allo | cation; high | cost of care; | low provide | efficiency | | | | | | / |
|---------------------------------------|---------------|---------------|---------------|-------------|------------|----------------|---------------|----------|----------|----------|----------|
| Allocations: | As per 5 year | plan for 2 ye | ears then cha | ange | | Assume per | annum | 2% | | | |
| Provider Efficiency | As per 5 year | plan for 2 ye | ears then cha | ange | | Assume per | annum | 1% | | | |
| Cost of Care | As per 5 year | plan for 2 ye | ears then cha | ange | | Assume per | annum | 4% | | | |
| Demand | As per 5 year | plan for 2 ye | ears then cha | ange | | as per popul | ation increa | ses | | | |
| Investment in other services | As per 5 year | plan for 2 ye | ears then cha | ange | | in line with a | allocation gr | owth | | | |
| Invetsment in A&C | As per 5 year | plan for 2 ye | ears then cha | ange | | in line with a | allocation gr | owth | | | |
| | | | | | | | | | | | |
| £ 000 | 2014/15 | 2015/16 | 2016/17 | 2017/18 | 2018/19 | 2019/20 | 2020/21 | 2021/22 | 2022/23 | 2023/24 | 2024/25 |
| INCOME | £552,552 | £570,474 | £581,883 | £593,521 | £605,392 | £617,499 | £629,849 | £642,446 | £655,295 | £668,401 | £681,769 |
| Carried Forward | £2,250 | £3,630 | £5,742 | £5,819 | £5,935 | £6,054 | £6,175 | £6,298 | £6,424 | £6,553 | £6,684 |
| TOTAL | £554,802 | £574,104 | £587,625 | £599,340 | £611,327 | £623,553 | £636,024 | £648,745 | £661,720 | £674,954 | £688,453 |
| | | | | | | | | | | | |
| Expenditure | | | | | | | | | | | |
| Acute | £289,612 | £290,450 | £300,170 | £310,340 | £320,849 | £331,776 | £343,069 | £354,668 | £366,727 | £379,036 | £391,831 |
| Community | £64,601 | £65,292 | £67,477 | £69,763 | £72,126 | £74,582 | £77,121 | £79,728 | £82,439 | £85,206 | £88,082 |
| Sub-total Acute & Community | £354,213 | £355,742 | £367,647 | £380,103 | £392,975 | £406,358 | £420,190 | £434,396 | £449,166 | £464,242 | £479,914 |
| Investment potential | | | -£2,713 | -£7,909 | -£13,336 | -£19,127 | -£25,214 | -£31,520 | -£38,232 | -£45,090 | -£52,379 |
| | | | | | | | | | | | |
| Mental Health | £50,567 | £51,595 | £52,627 | £53,679 | £54,753 | £55,848 | £56,965 | £58,104 | £59,266 | £60,452 | £61,661 |
| Continuing Healthcare | £25,940 | £26,764 | £27,299 | £27,845 | £28,402 | £28,970 | £29,550 | £30,141 | £30,743 | £31,358 | £31,985 |
| Primary Care (Excluding GP Contracts) | £88,920 | £93,545 | £95,416 | £97,324 | £99,271 | £101,256 | £103,281 | £105,347 | £107,454 | £109,603 | £111,795 |
| Other | £31,532 | £40,716 | £41,530 | £42,361 | £43,208 | £44,072 | £44,954 | £45,853 | £46,770 | £47,705 | £48,659 |
| Total Costs | £551,172 | £568,362 | £581,807 | £593,405 | £605,273 | £617,378 | £629,726 | £642,320 | £655,167 | £668,270 | £681,636 |
| | | | | | | | | | | | |
| Surplus/(deficit) | £3,630 | £5,742 | £5,819 | £5,935 | £6,054 | £6,175 | £6,298 | £6,424 | £6,553 | £6,684 | £6,818 |

Under this scenario there is £52 million shortfall at the end of the programme in acute and community services.

Low provider efficiency; high cost of care; and average allocation growth.



Scenario B3: (Scenario A3 from 16-17)

| Scenario B3: | Slightly high | er allocation | ្រ; average hiខ្ | gh cost of car | e; average p | rovider effic | iency | | | | |
|---------------------------------------|--|----------------|------------------|----------------|--------------|---------------|---------------|----------|----------|----------|----------|
| Allocations: | As per 5 year | r plan for 2 y | ears then cha | ange | | Assume per | annum | 2.5% | | | |
| Provider Efficiency | As per 5 year | r plan for 2 y | ears then cha | ange | | Assume per | annum | 2% | | | |
| Cost of Care | As per 5 year | r plan for 2 y | ears then cha | ange | | Assume per | annum | 3% | | | |
| Demand | As per 5 year | r plan for 2 y | ears then cha | ange | | as per popul | ation increas | ses | | | |
| Investment in other services | As per 5 year plan for 2 years then change | | | | | in line with | allocation gr | owth | | | |
| Invetsment in A&C | As per 5 year plan for 2 years then change | | | | in line with | allocation gr | owth | | | | |
| | no per o year pranter 2 years then energe | | | | | | J | | | | |
| £ 000 | 2014/15 | 2015/16 | 2016/17 | 2017/18 | 2018/19 | 2019/20 | 2020/21 | 2021/22 | 2022/23 | 2023/24 | 2024/25 |
| INCOME | £552,552 | £570,474 | £581,883 | £593,521 | £605,392 | £617,499 | £629,849 | £642,446 | £655,295 | £668,401 | £681,769 |
| Carried Forward | £2,250 | £3,630 | £5,742 | £5,819 | £5,935 | £6,054 | £6,175 | £6,298 | £6,424 | £6,553 | £6,684 |
| TOTAL | £554,802 | £574,104 | £587,625 | £599,340 | £611,327 | £623,553 | £636,024 | £648,745 | £661,720 | £674,954 | £688,453 |
| | | | | | | | | | | | |
| Expenditure | | | | | | | | | | | |
| Acute | £289,612 | £290,450 | £294,281 | £298,282 | £302,333 | £306,496 | £310,710 | £314,913 | £319,232 | £323,473 | £327,833 |
| Community | £64,601 | £65,292 | £66,153 | £67,053 | £67,963 | £68,899 | £69,846 | £70,791 | £71,762 | £72,716 | £73,695 |
| Sub-total Acute & Community | £354,213 | £355,742 | £360,435 | £365,335 | £370,296 | £375,395 | £380,557 | £385,704 | £390,994 | £396,189 | £401,528 |
| Investment potential | | | £4,500 | £6,860 | £9,343 | £11,837 | £14,419 | £17,172 | £19,939 | £22,963 | £26,007 |
| | | | | | | | | | | | |
| Mental Health | £50,567 | £51,595 | £52,627 | £53,679 | £54,753 | £55,848 | £56,965 | £58,104 | £59,266 | £60,452 | £61,661 |
| Continuing Healthcare | £25,940 | £26,764 | £27,299 | £27,845 | £28,402 | £28,970 | £29,550 | £30,141 | £30,743 | £31,358 | £31,985 |
| Primary Care (Excluding GP Contracts) | £88,920 | £93,545 | £95,416 | £97,324 | £99,271 | £101,256 | £103,281 | £105,347 | £107,454 | £109,603 | £111,795 |
| Other | £31,532 | £40,716 | £41,530 | £42,361 | £43,208 | £44,072 | £44,954 | £45,853 | £46,770 | £47,705 | £48,659 |
| Total Costs | £551,172 | £568,362 | £581,807 | £593,405 | £605,273 | £617,378 | | £642,320 | £655,167 | £668,270 | £681,636 |
| | | | | | | | | | | | |
| Surplus/(deficit) | £3,630 | £5,742 | £5,819 | £5,935 | £6,054 | £6,175 | £6,298 | £6,424 | £6,553 | £6,684 | £6,818 |

Under this scenario there is £26 million recurrently available at the end of the programme to invest in acute and community services.



Average cost of care; average level of provider efficiency; and a slightly higher allocation.

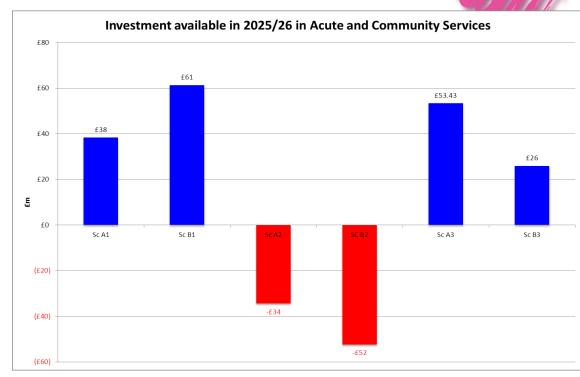
Summary of 6 scenarios



The scenarios lead to resources of between £61 million and -£52 million

This is because each of the variables – over a long time period – are very sensitive to change.

On a resource limit baseline of £0.5 billion per annum, resources choices and assumptions are key



| | Evernlan | Allocation | Provider | Cost of | Domogran | Increase in other |
|----------|------------------------|-------------------|------------|---------|----------------------|-------------------|
| Scenario | 5 year plan extant? | Allocation growth | efficiency | care | Demograp hic rise | programm |
| Scenario | extailt | growth | erriciency | care | incrise | es |
| | | | | | | |
| A1 | YES | 2.0% | 3.0% | 3.0% | 0.4% | 2.0% |
| A2 | YES | 2.0% | 1.0% | 4.0% | 0.4% | 2.0% |
| А3 | YES | 2.5% | 2.0% | 3.0% | 0.4% | 2.5% |
| B1 | NO | 2.0% | 3.0% | 3.0% | 0.4% | 2.0% |
| B2 | NO | 2.0% | 1.0% | 4.0% | 0.4% | 2.0% |
| В3 | NO | 2.5% | 2.0% | 3.0% | 0.4% | 2.5% |



Look Up Calculator

- 1. Decide if you want 2% or 3% allocation growth
- 2. Decide if you want the changes to start
- 3. Choose your provider efficiency level and cost of care in 16-17 or from 19-20

2% Allocation Growth - model starts after 5 year plan

2% Allocation Growth - model starts in 2016/17

Provider Efficiency Requirement

| | Cost of Care | | | | | | | | |
|-------|--------------|------|------|------|------|--|--|--|--|
| | 2.0% | 2.5% | 3.0% | 3.5% | 4.0% | | | | |
| 0.50% | £2 | -£10 | -£22 | -£35 | -£47 | | | | |
| 1.00% | £14 | £2 | -£10 | -£22 | -£35 | | | | |
| 1.50% | £26 | £14 | £2 | -£10 | -£22 | | | | |
| 2.00% | £37 | £26 | £14 | £2 | -£10 | | | | |
| 2.50% | £48 | £37 | £26 | £14 | £2 | | | | |
| 3.00% | £59 | £48 | £37 | £26 | £14 | | | | |
| 3.50% | £70 | £59 | £48 | £37 | £26 | | | | |
| 4.00% | £81 | £70 | £59 | £48 | £37 | | | | |

| | | , | | | | | |
|------------------------------------|-------|--------------|------|------|------|------|--|
| | | | | | | | |
| £m | | Cost of Care | | | | | |
| | | 2.0% | 2.5% | 3.0% | 3.5% | 4.0% | |
| | 0.50% | £26 | £14 | £2 | -£11 | -£23 | |
| ب کر | 1.00% | £39 | £26 | £14 | £2 | -£11 | |
| cier ent | 1.50% | £50 | £39 | £26 | £14 | £2 | |
| Provider Efficiency Requirement | 2.00% | £62 | £50 | £39 | £26 | £14 | |
| | 2.50% | £73 | £62 | £50 | £39 | £26 | |
| | 3.00% | £84 | £73 | £62 | £50 | £39 | |
| Pro _ | 3.50% | £94 | £84 | £73 | £62 | £50 | |
| | 4.00% | £105 | £94 | £84 | £73 | £62 | |
| | | | | | | | |

3% Allocation Growth - model starts in 2016/17

Model starts 2016/17

| | Cost of Care | | | | | | | | |
|-------|--------------|------|------|------|------|--|--|--|--|
| | 2.0% | 2.5% | 3.0% | 3.5% | 4.0% | | | | |
| 0.50% | £6 | -£13 | -£32 | -£53 | -£75 | | | | |
| 1.00% | £25 | £6 | -£13 | -£32 | -£53 | | | | |
| 1.50% | £43 | £25 | £6 | -£13 | -£32 | | | | |
| 2.00% | £60 | £43 | £25 | £6 | -£13 | | | | |
| 2.50% | £76 | £60 | £43 | £25 | £6 | | | | |
| 3.00% | £92 | £76 | £60 | £43 | £25 | | | | |
| 3.50% | £107 | £92 | £76 | £60 | £43 | | | | |
| 4.00% | £122 | £107 | £92 | £76 | £60 | | | | |

| im . | | Cost of Care | | | | | | |
|------------------------------------|-------|--------------|------|------|------|------|--|--|
| | | 2.0% | 2.5% | 3.0% | 3.5% | 4.0% | | |
| Provider Efficiency Requirement | 0.50% | £45 | £26 | £6 | -£14 | -£35 | | |
| | 1.00% | £64 | £45 | £26 | £6 | -£14 | | |
| | 1.50% | £82 | £64 | £45 | £26 | £6 | | |
| | 2.00% | £99 | £82 | £64 | £45 | £26 | | |
| | 2.50% | £115 | £99 | £82 | £64 | £45 | | |
| | 3.00% | £131 | £115 | £99 | £82 | £64 | | |
| | 3.50% | £147 | £131 | £115 | £99 | £82 | | |
| | 4.00% | £161 | £147 | £131 | £115 | £99 | | |



2% allocation growth



3% allocation growth



Model starts 2019/20





Impact of achieving QIPP

And the impact on the model

06/01/2015

QIPP in the 5 year plans



| £ 000 | 2014/15 | 2015/16 | 2016/17 | 2017/18 | 2018/19 |
|-----------------------------|---------|---------|---------|---------|---------|
| Net QIPP | £11,513 | £10,175 | £9,447 | £9,116 | £9,852 |
| | | | | | |
| Acute | £2,606 | £9,988 | £5,192 | £5,192 | £5,192 |
| Community | £357 | £500 | £400 | £401 | £402 |
| Sub-total Acute & Community | £2,963 | £10,488 | £5,592 | £5,593 | £5,594 |
| | | | | | |
| Mental Health | £1,100 | £450 | £350 | £351 | £352 |
| Continuing Healthcare | £941 | £950 | £900 | £900 | £900 |
| Primary Care | £2,753 | £1,900 | £1,800 | £1,800 | £1,800 |
| Other | £3,756 | -£3,613 | £805 | £472 | £1,206 |
| Total Costs | £11,513 | £10,175 | £9,447 | £9,116 | £9,852 |

- £30 million of QIPP schemes assumed by commissioners in acute and community services over the 5 year period
- Schemes from 16-17 mostly illustrative
- Some of these schemes will allow the providers to make cost savings
- Those schemes that do not will add to the provider efficiency requirement
- The extent to which these savings are not made by commissioners will reduce their commissioning power



Conclusions



- There's no simple answer on affordability it's a question of priority and assumptions
- Although analysis has not been presented in relation to Welsh commissioners they are likely to be working within similar financial assumptions as the English commissioners
- There are a number of feasible assumptions which would lead to an investment by 2025/26 of between £40 million and £50 million per annum
- Key decisions are:
 - Are CCGs willing to invest an average level of resources in acute & community services between now and 2025/26?
 - Are they willing to do this before or after the current 5 year planning period?
 - What level of cash releasing efficiency savings is it reasonable to expect Trusts to make over that period?
 - What are our "best guesses" on allocations, the cost of providing care, technological change, and the rising population?
 - Do we collectively subscribe to the view that the financial viability of the providers is a key component of affordability, and if so how do we meet the ongoing shortfall in SATH budgets (given that some of the solution will be to eliminate duplicate costs)

