

Impact Assessment

Option 2 – Remove one of the fulltime fire engines in the Shrewsbury or Telford areas

The following tables show the areas of concern that members of the public and our staff thought that Fire Authority Members should consider when making their decision on this proposal.

Issues of concern to the public
<ol style="list-style-type: none"> 1. Reduction in the resilience of the service 2. Lives more important than money 3. Higher risk levels in these areas - e.g. buildings, population, risk profile types, environmental 4. Increase in response times to all emergency incidents 5. Wholetime have specialist knowledge and skills and are always available 6. Shrewsbury has historical heritage and also covers a large rural area outside the town 7. Telford is a big area which is increasing in size 8. Loss of jobs and its impact on the economy 9. Impact on support provided to neighbouring stations 10. Reduction in community and business fire safety activities 11. Increased demands on RDS staff

Issues of concern to our staff
<ol style="list-style-type: none"> 1. Increase in response times leading to increased risk to the public and firefighters 2. Reduction in the overall resilience of the service 3. Increasing risk profiles due to increase in housing, businesses and population in these urban areas 4. Impact on remaining RDS stations due to additional turnouts 5. Impact on Wholetime ability to cover specialist appliances/teams e.g. FAST, ALP, RT, Boat 6. Reduction in the ability for Wholetime staff to support the RDS training programme 7. Wholetime give guaranteed 24/7 cover 8. Reduction in CFS/BFS/7.2.d output 9. Impact on ability for Wholetime to be used as reliefs due to fire cover reduction in urban areas 10. Shrewsbury has a lot of heritage property 11. Loss of experience and skills in Wholetime firefighters 12. Increased costs of RDS to cover incidents 13. The new switch crewing arrangements of the Rescue Tender at Wellington would be impacted by the loss of a Telford pump 14. Shrewsbury's supporting appliances are a long distance away

Whilst it is not possible to provide quantifiable evidence against all of the issues highlighted above, the following pages provide the information on those matters where such evidence is available.

Projected savings

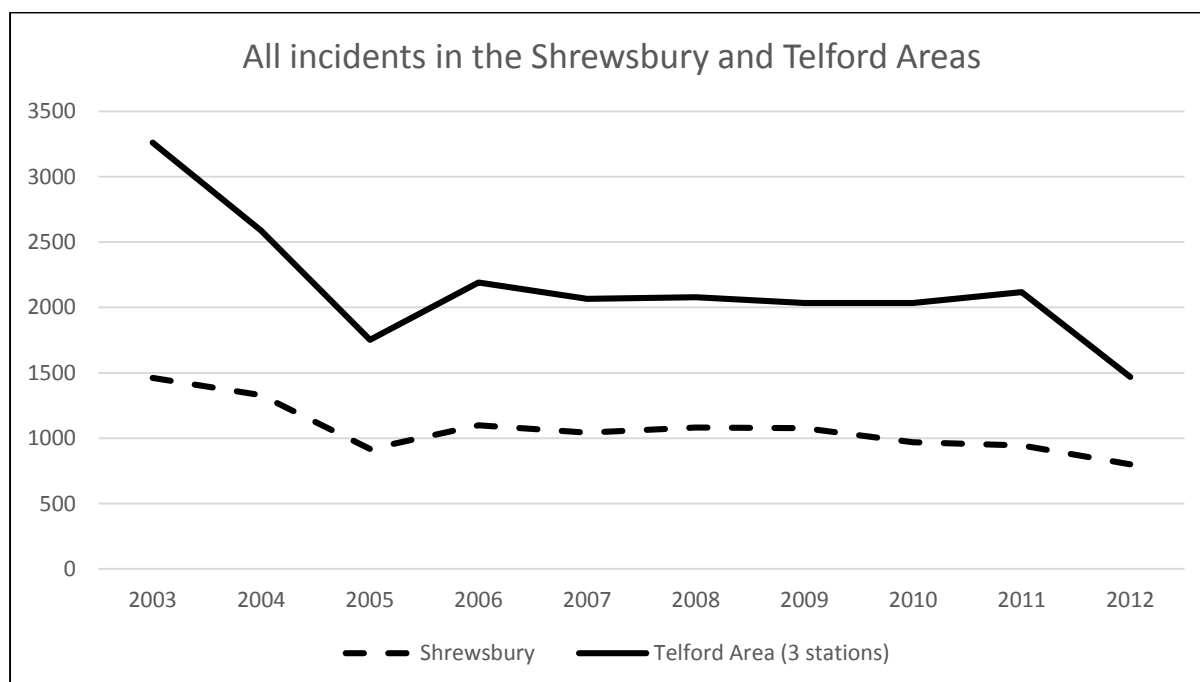
There is the potential for approximately 28 Wholetime staff to retire by 2020. Including on-costs, if all of this reduction in staffing were realised through effective planning, this could result in a reduction of approximately £900k in the Service's annual revenue budget.

Any alternative fire cover, introduced to overcome any concerns about reduction in levels of service, would reduce this figure.

Current fire service resources at each station

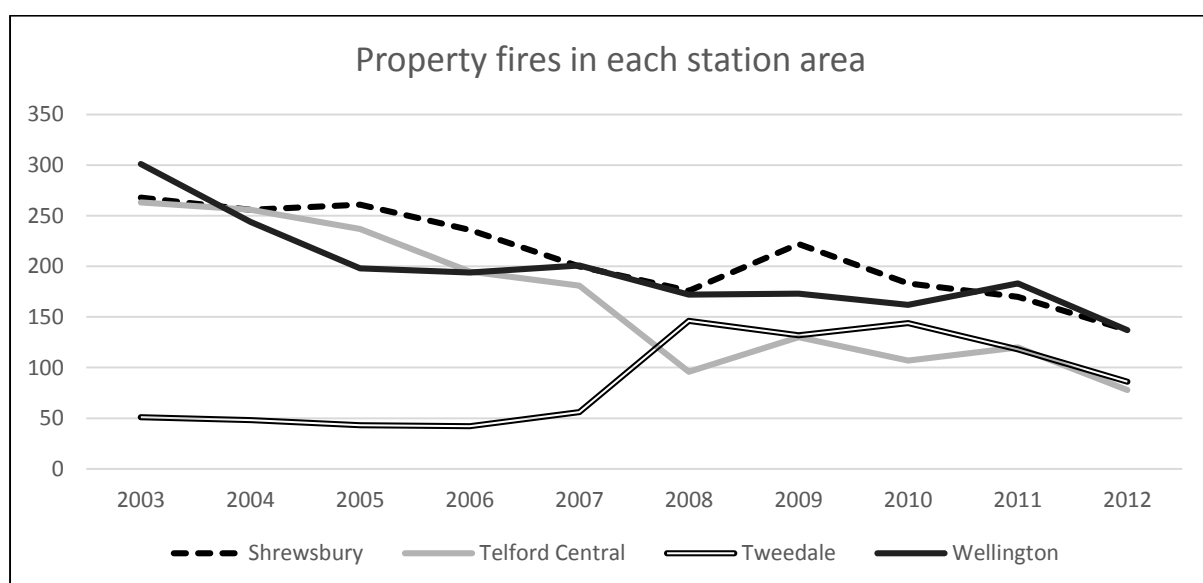
Station	Fire Appliances
Shrewsbury	2 x Wholetime fire engines 1 x On-call fire engine Aerial Ladder Platform (ALP) – switch crewed by the Wholetime pump crews Boat – switch crewed by the Wholetime pump crews Light Pumping Unit – crewed by On-call staff
Wellington	1 x Wholetime fire engine 1 x On-call fire engine Rescue Tender – switch crewed by the Wholetime pump crew
Telford Central	2 x Wholetime fire engines Aerial Ladder Platform (ALP) – switch crewed by the Wholetime pump crews Note: One of the fire engines moves to Tweedale each night to provide fire cover in the south Telford area
Tweedale	1 x On-call fire engine Environmental Unit – crewed by On-call staff Foam Unit – crewed by On-call staff Note: One of the fire engines from Telford Central provide fire cover from Tweedale each night.

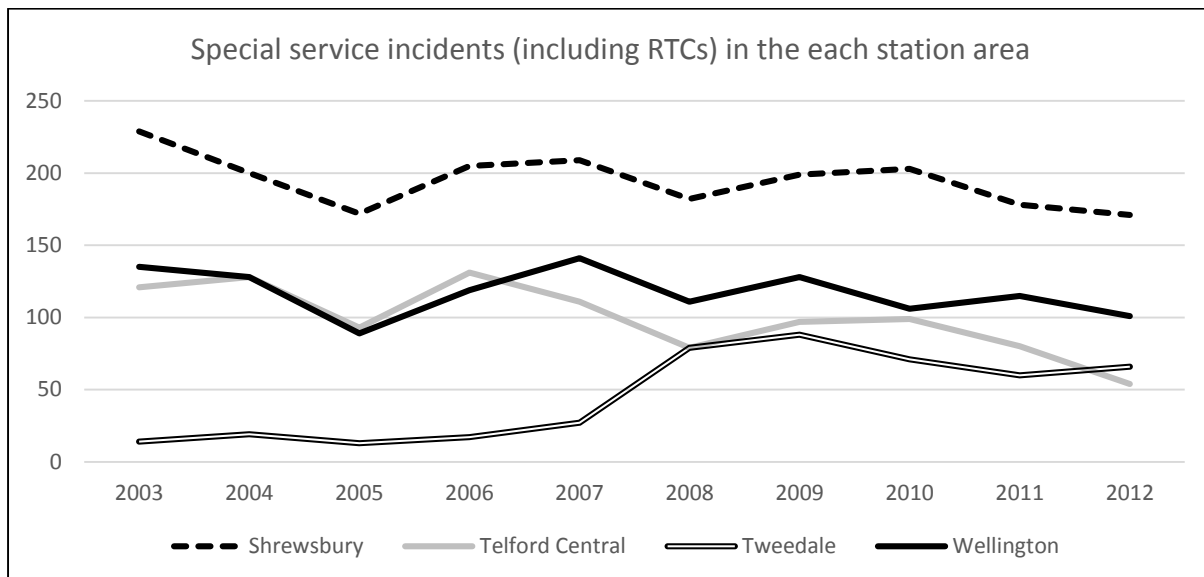
Incident trend over the last 10 years



Station/Year	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	% change in 3 year averages*	
Albrighton	181	81	89	159	118	72	73	74	77	61	39.6	% reduction
Baschurch	84	64	41	69	56	97	61	65	68	52	2.1	% reduction
Bishop's Castle	45	52	35	54	32	42	52	55	46	32	0.8	% increase
Bridgnorth	236	230	162	191	228	193	220	228	219	189	1.3	% increase
Church Stretton	85	64	64	70	81	43	88	77	67	61	3.8	% reduction
Cleobury Mortimer	76	55	48	57	46	71	55	61	78	57	9.5	% increase
Clun	28	22	28	31	28	22	16	33	22	27	5.1	% increase
Craven Arms	61	49	45	63	66	69	70	59	65	51	12.9	% increase
Ellesmere	46	31	56	95	57	72	48	35	47	40	8.3	% reduction
Hodnet	44	75	52	48	48	50	34	43	42	34	30.4	% reduction
Ludlow	154	124	120	170	143	140	118	147	134	123	1.5	% increase
Market Drayton	125	128	129	128	110	108	148	112	129	113	7.3	% reduction
Minsterley	53	56	33	45	50	60	57	56	55	50	13.4	% increase
Much Wenlock	78	75	101	143	156	55	67	67	85	75	10.6	% reduction
Newport	135	124	370	471	349	94	78	96	120	100	49.8	% reduction
Oswestry	301	265	495	706	580	292	272	254	290	259	24.3	% reduction
Prees	37	35	65	129	166	39	34	40	28	26	31.4	% reduction
Shrewsbury	1462	1328	918	1098	1043	1082	1078	969	944	801	26.8	% reduction
Telford Central	1447	1189	662	792	677	508	580	612	637	402	49.9	% reduction
Tweeddale	256	203	448	653	616	725	682	638	672	468	96.0	% increase
Wellington	1558	1195	643	745	773	845	771	783	809	599	35.5	% reduction
Wem	55	59	61	94	89	55	58	48	75	50	1.1	% reduction
Whitchurch	122	103	85	77	96	84	105	121	104	88	1.0	% increase
Total annual count of incidents	6669	5607	4750	6088	5608	4818	4765	4673	4813	3758	22.2	% reduction

*This figure represents the change in the average of the first three years (2003-05) and final three years (2010-12) of the 10 year period shown in this table. It has been presented in this way to try and overcome some of the variability that exists in the number of incidents fire and rescue services respond to each year.





Impact on incident response times

Whilst there will be some impact on response times on those occasions when the other fire engine is dealing with simultaneous incidents, the main impact is likely to be when two fire engines are required at the same incident, e.g. house fires, and a delay would be incurred due to having to wait for another, alternative, 2nd fire engine to come from other stations.

The project currently being undertaken by Process Evolutions will provide evidence to quantify what level of impact this could be.

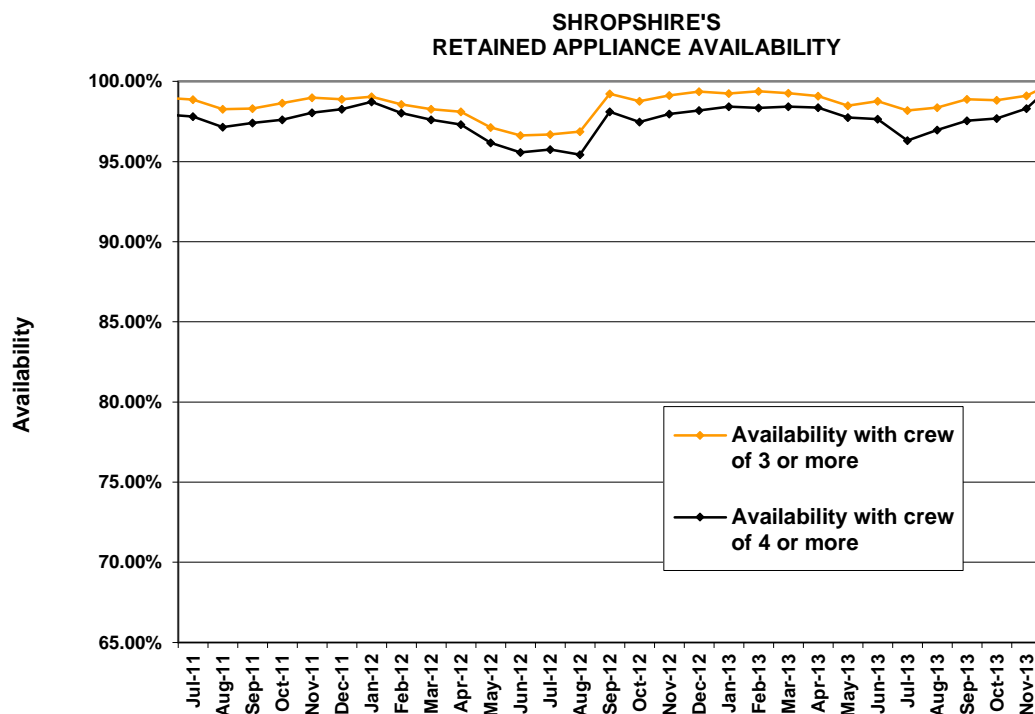
Properties outside 15 minute

The Service is unable to quantify this at this time, however, depending on any alternative fire cover that could eventually be put in place, there could either be:

- a reduction in our ability to reach incidents in the 15 minute strategic target, e.g. due to simultaneous calls utilising the other fire engines; or
- an increase in our ability to reach incidents in the 15 minute strategic target, e.g. if an alternative On-call station is added to our current resources

The project currently being undertaken by Process Evolutions will provide evidence to quantify what level of impact this could be.

Availability of On-call appliances as an alternative



Life risk property types and counts

Station	C09	C10	C11	C12	C13	C14	C15	C16	C17	C18	Total count
Shrewsbury	66	17	39	1	26	6	32	66	24	0	277
Telford Central	15	0	0	0	7	1	8	40	2	1	74
Tweedale	32	0	0	0	7	1	5	26	9	0	80
Wellington	35	3	11	0	16	8	7	44	10	0	134
Total properties in Service area	227	26	136	2	78	16	87	441	56	4	1073

C09 Nursing Homes

C10 Hospitals

C11 Boarding Schools

C12 Penal Establishments

C13 Flats (S 72 Building Act 1984)

C14 Houses Multi Occupation- Hostels

C15 Houses Multi Occupation- Flatlets

C16 Other Sleeping Accommodation

C17 Children's Homes

C18 Child Care Independent Schools

List of Station areas where each station provides 2nd pump cover

Station	2 nd pump cover may be provided to the following station areas	Other Fire & Rescue Service's that may be supported by this station
Shrewsbury	Baschurch, Church Stretton, Minsterley, Much Wenlock, Wellington, Wem	Mid and West Wales
Telford Central	Albrighton, Bridgnorth, Much Wenlock, Newport, Tweeddale, Wellington	Staffordshire
Tweeddale	Albrighton, Bridgnorth, Much Wenlock, Telford Central, Wellington	
Wellington	Hodnet, Newport, Much Wenlock, Shrewsbury, Telford Central, Tweeddale	

List of skills that WT currently have that RDS don't

Station	Positive Pressure Ventilation	Breathing Apparatus Guidelines	Firefighter Assistance and Safety Teams	Aerial Ladder Platform	Hi-Ab on Rescue Tender	Animal Rescue Team	Incident Response Unit- Drivers and Fork Lift	Swift Water Technicians and Boat Operators
Shrewsbury	x	x	x	x				x
Telford Central	x	x	x	x			x	
Tweeddale	x	x	x	x				
Wellington	x	x			x	x		

List of specialist appliances currently switch crewed by Wholetime staff and incidents attended

Station	Specialist Appliance	2011	2012	2013	Average
Shrewsbury	ALP	16	46	42	35
	Boat	20	39	29	29
Telford Central	ALP	-	1	8	5
	IRU	-	2	1	2
Wellington	RT	81	291	289	220

Planned building growth in each area

Shropshire Council is in the latter stages of developing the final plan for the period 2006 to 2026. This highlights a requirement for 27,500 new homes for that period. In terms of the new homes and additional employment land proposed for the Shrewsbury area, these are 6,500 new homes and 90 hectares of additional employment land.

Telford & Wrekin Council is currently focusing on a new 'Shaping Places Local Plan', which will provide the development strategy and policies to take the Borough forward and help deliver growth over the plan period to 2031. The Service will keep abreast of the outcomes from this work, as it plans any changes.

Community Fire Safety Activities

Station	Current number of successful Home Safety Visits (HSV) per year	Projected number of successful HSV if 1 fire engine is removed	Reduction
Total for WT stations	2400	1920	20% (480 less visits)

The above figures do not include HSV's that arise as a consequence of unplanned demand.

Business Fire Safety Activities

Station	Current number of Fire Safety Audits (FSA) per year	Projected number of FSA's if 1 fire engine is removed	Reduction
Total for WT stations	1120	920	18% (200 less audits)