

AMHP – time spent arranging the best available S12 doctors

We anticipate that the app will save AMHPs significant time by making it quicker and easier to find and contact available, appropriate Doctors in their area.

- Based on a small LA, we assume that there are typically 3 AMHPs on duty, and the equivalent of 0.5 AMHPs out of hours (i.e. 2 AMHPs between 4 LAs)
- We assume that on average 1.5 assessments are completed per AMHP shift
- A total of 5 assessments are therefore completed per LA in a 24 hour period

Our data shows that the element of an assessment that relates to locating and arranging appropriate Doctors takes 2 hours on average, though some research respondents report that it can take more than 4 hours.

Based on evidence from our pilot tests, we expect the app to save 30 minutes per assessment (a 25% time saving on this element of the assessment).

The saving for a small LA would therefore be expected to be 30 minutes per assessment:

5 assessments per 24 hour period = 2.5 hours per LA per 24 hour period x £36 per hour = £90 per LA per 24 hour period x 365 days = **£32,850 p.a. per LA.**

With 152 LAs and 44 STPs, the average saving would be at least $3.45 \times £32,850 =$ **£113,332 p.a. per STP**

This saving would be realised by using fewer AMHPs to cover the workload, fewer overtime payments and less need for freelance AMHPs.

AMHP - additional efficiencies and associated savings generated by the app

The app centralises all the information AMHPs will need during the assessment set-up process, which saves them from going to multiple sources to find everything they need.

The app also allows claim forms to be completed and submitted electronically instead of manually. AMHPs no longer need to find the form, the appropriate stamp, or to wait for the Doctor to complete and sign it.

If the app therefore saves another 15 minutes' AMHP time across the 5 hours involved in a typical assessment then the saving using all of the variables used above will be **£16,425 p.a. per LA** or **£56,666 p.a. per STP.**

AMHP/ MHA referral data administration

At the moment AMHPs hand write this information which is then collated for monthly, quarterly or annual reports by an administrator. It is a time consuming task that is done inconsistently across teams and the country.

Our conservative estimate is that this takes around 1.5 days per week per team; with an average administrator salary of £18,000 the cost saving would be $£18,000 \times \text{say } 1.15 \text{ for NI and pension} = £20,700 \times 1.5/5 =$ **£6,210 p.a. per LA** or **£21,424 p.a. per STP.**

Claim form administration

Our estimate is that for each CCG an administrator spends 1 day per month inputting information to facilitate claims for payments, handling issues around delays and organising a monthly payment run.

As a result of using the app, the person processing the claim will no longer need to check s.12 approval as S12 Solutions checks this information weekly. The app will also avoid the possibility of processing duplicate forms and will ensure that all information is complete.

Assuming an £18,000 salary, the cost saving would be $£18,000 \times 1.15 = £20,700$ / say 22 working days per month = **£941 p.a. per CCG**. With 211 CCGs and 44 STPs the saving would be $£941 \times 4.8 =$ **£4,517 p.a. per STP**

Police – reduced waiting time

Quicker MHA assessment team assembly may mean that the police spend less time waiting with service users on s.136.

The saving has been calculated on the basis that the app saves 30 minutes per s.136 assessment and that only one s.136 involving the police waiting with the person for a MHA assessment will take place per week per LA.

The estimated saving would be therefore be 30 min per week $\times 52 = 1,560$ minutes p.a. = 26 hours p.a. \times £17 per hr (Police constable £25,400 minimum total cost p.a. / 37 hours / 40.9 weeks) = **£442 p.a. per LA or £1,525 p.a. per STP**.

The Police Constabulary interviewed as part of S12 Solutions' commissioned research reported that the equivalent of a full time Police Constable time per month is spent waiting with service users under s.136 for MHA assessment and bed arrangements.

Improved throughput at places of safety ('PoS')

The sooner an assessment takes place the sooner the care and treatment plan can be put into action or a bed found, decreasing the likelihood of unlawful detention.

An NHS bed costs some £400 a day, likely more for a PoS bed. Estimate based on PoS having 4 beds.

If each assessment was completed 30 minutes earlier then the saving would be $£400 / 24 / 60 = £0.28$ per minute $\times 30 = £8.33$ per bed $\times 4$ beds = $£33.33 \times 365 =$ **£12,167 p.a. per MHT (30 bed days p.a)**.

Total savings

The estimated cost saving derived from this limited list, using conservative assumptions, is:

- £55,927 p.a. per LA (savings 1, 2, 3 & 5)
- £197,464 p.a. per STP (savings 1 to 5) with additional savings of £12,167 p.a per MHT
- With 60 MHTs, the total saving per STP is $£197,464 + (£12,167 \times 60/44) =$ **£214,055 p.a.**