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Richard Layard Mental health: the new frontier for the welfare state

Lecture

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Mental health: the new frontier for the Welfare State

Richard Layard

I want to argue that mental health is a key dimension of all our lives and at every age. Yet when the present welfare state was being designed this was far from people's minds. In his famous report, LSE director William Beveridge identified 5 problems of society as the 5 great giants which needed to be slain. They were poverty, unemployment, poor education, bad housing and disease – by which he meant of course physical disease.

Over the 70 years since his report we have made huge strides on all of these fronts, except at times unemployment. But there is still widespread misery in our society – and what surveys we have of happiness and misery suggest it has changed little since then. So what did Beveridge miss?

Like so many of his contemporaries, he overlooked the human factor – the problems that come from inside ourselves (and not **mainly** from externals). It is because of the human factor that, despite unparalleled prosperity and mostly high employment, we can now observe more family conflict, less trust and more crime, than when Beveridge wrote. And this in turn helps to explain the need which so many people feel for a new metric to measure the progress of society.

Wellbeing

So let me start with that. To be honest, we have never **had** a single metric before – nobody really believed that GDP was an adequate measure of how our society was doing. What is new is that a proper metric has now become

available – the metric of wellbeing. Questions like "Overall, how satisfied are you with your life nowadays?" have been asked for decades and they have become increasingly validated. Increasingly, we are able to predict and explain people's replies to the question. We can also use their replies to predict other things like a person's life expectancy. And, for me the most important, we have found areas in the brain where the objective electrical activity is well correlated with the subjective self-report. So we should accept these self-reports as a valid proxy for what we care about.

As I'm sure you know, these measures show no upward trend in wellbeing in many countries (US, West Germany and UK) (see Slides 1-3). There are other countries where wellbeing has increased, but I think it's clear that economic growth has not brought the increase in life satisfaction which many people would have expected from the huge improvement in living standards we've experienced and the huge improvements in education, health and housing since the 1950s. And incidentally the main explanation is not inequality since life satisfaction did not rise even when inequality was falling in the 1950s and 1960s. So what is the problem?

Many factors are involved, social and personal. But tonight I want to concentrate on one factor only – our failure to grapple with the problem of mental illness.

Mental Health

How do I know this matters? Well here's a simple equation to explain life satisfaction among British men aged 34 in 2004 (Slide 4). This equation includes all the most powerful explanatory variables available and shows for

each of them their β statistics, that is the partial correlation coefficient for each variable, holding the other variables constant. The most powerful variable is the mental malaise of the individual 8 years earlier.3 It is more than twice as powerful as the person's income at the time when they were 34. Even if we measure mental malaise 18 years earlier, it still has almost as much effect as current income. And here are two more equations (Slide 5) for those of you who don't like life satisfaction as the dependent variable, and prefer the Beveridge outcomes. The first column shows what determines household income. Mental malaise 8 years earlier is almost as important as educational qualifications. The second column explains self-reported health, and again previous malaise shows up strongly even when we include previous self-reported health. Or suppose that as labour economists we focus on earnings only. Here are two earnings equations (Slide 6) which go back into childhood and include personality variables. The first shows clearly the importance of non-cognitive skills as well as cognitive. The second distinguishes between two types of personality other than intelligence - one surrounding conduct and the other surrounding emotional wellbeing. James Heckman⁴ has given great weight to the importance of conduct in childhood as a predictor of lifetime success but this equation suggests that emotional wellbeing is even more important.

Finally let me quote a famous study of educational performance. A group of US eighth-graders were tested at the beginning of the school year for IQ and for self-discipline. At the end of the year they got their final grades and what explained those grades – self-discipline explained twice as much as IQ.⁵

So here's what I want to talk about this evening (Slide 7):

- 1. The scale of mental illness.
- 2. The costs to the economy and the taxpayer.
- 3. The cost-effective treatments that exist.
- 4. They are rarely available, but could be.
- 5. Prevention.
- 6. Implications for social science.

Proposal

I hope that when you have heard all this evidence you will agree with the main proposal I want to make. This is that mental health should become the sixth pillar in the Welfare State. All the other pillars have their own cabinet minister and we will never get mental health taken seriously enough unless it has its own cabinet minister – a cabinet minister for mental health and social care within the Department of Health.

1. The scale of mental illness

Before we begin we need a definition of mental illness. Here's one. People are mentally ill when they experience serious and persistent distress or impairment due to abnormal feelings or behavior which are psychological or neurobiological in origin. So how prevalent is mental illness? I'm going to start with adults using the UK Psychiatric Morbidity Survey, which is a household survey (Slide 8).

The survey has been repeated 3 times in 1993, 2000 and 2007. There has been a slight steady increase over the period. This finding is similar to that in some other countries where there have been repeated surveys. When implausible retrospective questionnaires have been used, these usually imply that there has been a substantial increase – what some people call an epidemic of depression. But most psychiatrists I know don't believe it, nor do I. Mental health problems have been here since the Stone Age. What is new is that, for the first time, we now have things we can do about them.

To set the scale of mental illness in perspective, let's compare it with the scale of physical ill-health. Here the World Health Organisation employ a panel of doctors to gauge the severity of each condition, physical and mental.⁶ The upshot is to me remarkable, or was until I got used to it (Slide 9). Mental illness is not only the largest single illness among people of working age. It actually accounts for half of all disability among people of working age – as much as the combined effects of back pain, heart pain, pulmonary problems, diabetes, cancer and all the rest. And this is based on household surveys not on people claiming benefits. So this is the graph – I find it truly amazing.

2. Economic costs

Clearly a disease of this magnitude imposes heavy economic costs both on the public finances and on the economy. So here are the rates of people on disability benefit in different countries (Slide 10). In every country these are underestimates. For here is another remarkable fact: of all the people referred to first appointments with a hospital consultant in Britain only a half have medically explicable condition.⁷ Some of the others have genuinely inexplicable

conditions, but many have conditions which are best explained as psychological in origin.

But numbers on disability benefits only measure a part of the impact of mental illness. First, not all those who can't work get disability benefits. So here is a measure of the overall employment impact (Slide 11). If you look at the most mentally ill (worst 5%) their employment rate is reduced by 1/3 and for the next 15% their employment rate is reduced by 1/5. If these people had the same employment rates as everybody else, employment would be 4.4% higher – which is a rough measure of the impact of mental health on GDP via non-employment (given that the relation between mental health and IQ is small).⁸

But then there's another cost – mentally ill people who are in work take much more time off sick. In fact a half of all days off sick are due to mental illness. This is really expensive for employers. But I had a very interesting experience at the World Economic Forum at Davos in January. I was at a meeting of 60 of the world's most enlightened large companies who belong to something called the Workplace Wellness Alliance. The meeting went on for 90 minutes, and until just before the end there was a series of presentations about cardio-vascular problems, cancer, diabetes, lung problems, etc, etc, but no mention of mental illness. People just don't want to discuss it.

Anyway here are the figures – another 1% of work-hours are lost due to absenteeism (Slide 12) and on top of that we have the cost of presenteeism – people whose mind is elsewhere and who underperform even when they are at work. Based on self-reports of underperformance, this may add another 1-2% to the direct output costs of mental illness. All these figures combined suggest an overall cost close to 7.5% of GDP (Slide 13).

And then there is the cost to the healthcare system. Treating mental illness (and providing the related social care) costs roughly 1½% of GDP in Britain. And on top of this people who have chronic physical conditions of given severity cost roughly 50% more if they are mentally ill. That is US evidence and holds constant the severity of the physical condition. The extra cost is that of physical medical procedures, not of mental healthcare. So that means in Britain another cost equal to nearly 1% of GDP.

Of all this cost, more than half falls on the taxpayer and the rest on the individuals concerned and on their employers. I have laboured these cost figures somewhat to persuade you that this is not a small issue.

But these costs say almost nothing about what we should do. That depends on what we **can** do.

3. Cost-effective treatments

When Beveridge wrote and until the 1950s, there was little that could be done about mental illness, except tender, loving care. But in the 1950s spectacular discoveries were made in drugs for schizophrenia, for bipolar disorder and for depression and more recently for ADHD.

Since the 1970s there have also been major discoveries in evidence-based methods of psychological therapy. By far the best researched is cognitive behavioural therapy (or CBT), which helps people to reorder their thoughts and thus to manage their feelings and behaviour. For anxiety disorders, typical

recovery rates are over 50% and are at least as good as with medication. Moreover in most anxiety cases recovery secured through CBT is permanent, which is not the case with medication. Similarly with depression, recovery rates after 4 months are similar with CBT and with antidepressants, but relapse is much less likely for patients treated with CBT.¹⁰

For these reasons the National Institute for Health and Clinical Excellence (NICE) recommend that all patients with these conditions should be offered the choice of medication or CBT or alternatively certain other evidence-based psychological therapies for specific conditions. These recommendations are extremely important, because many patients are unwilling to take drugs and because the effects of psychological therapy are on average longer lasting.

Therapy is also recommended because it costs so little: about £750 for a typical course of 10 sessions (Slide 14). And against that we must set the savings that result when successfully treated people return to work (or keep the job they otherwise would have lost). This is where the labour economics come in. Unfortunately only a few proper experimental follow ups have been done with proper control groups (all in the US). They show that among people treated with CBT some 4% of them work over the subsequent 25 months (who would not otherwise have done so). So for every 100 people treated at least 4x25 extra months are worked – which makes an average of 1 month per person treated. And what does an extra month's work save the British taxpayer? £750. Ergo, the net cost to the Exchequer is zero. It's a no-brainer.

At the same time there are likely to be big savings to the NHS on other healthcare costs. Mentally-ill people keep on going to the GP. But CBT reduces that. A US meta-analysis took all 28 studies which had compared healthcare use

between people treated with CBT and a randomised control group. In 26 of the 28 studies the reduction in healthcare use over the subsequent 24 months was large enough to cover the costs of the CBT.¹²

These were among the reasons why NICE had no hesitation some 8 years ago in recommending that all patients suffering from anxiety or depression should be offered CBT (and, as I say, they also recommended some other therapies for depression). But were these recommendations carried out? For many years, not at all.

4. Undertreatment

The undertreatment of mental illness is a worldwide phenomenon (Slide 15). These treatment rates compare with rates of well over 75% for most physical conditions. There are at least 3 reasons.

- 1) People and their relations are ashamed to admit there is a problem. But this stigma is greatly compounded by causes 2) and 3).
- 2) People do not realise that mental health problems can be treated there's a long time lag there and of course the history of many treatments that don't work doesn't help.
- 3) The facilities are simply not available. This has certainly been the binding constraint. In 2009 the majority of people treated for depression or anxiety had waited for over six months in England¹³ while for physical conditions the upper limit was 18 weeks. Only 15% of GPs said they could get patients the psychological help they needed.¹⁴

This is a case of simple discrimination, and it reflects the long-standing resistance in Western society to taking the inner life seriously as compared with things we can see and touch. However the worldwide wellbeing movement which grows daily, is beginning to change this. To end the discrimination in mental health, the Centre here founded in 2005 a CEP Mental Health Policy Group to make the case for proper treatment for mentally ill people in England and to show how it could be provided. Much of the case that I have described was developed by that group. ¹⁵ Fortunately the government listened and in 2008 the government of the day launched the Improving Access to Psychological Therapies (IAPT) programme which basically followed the proposals of our group. ¹⁶ (Slide 16).

This is a 6-year plan aimed to ensure that by Year 6 the NICE Guidelines were being delivered throughout the country. The method was a new service for which most of the staff would have to receive a year's training on top of whatever mental health training they already had. The service would need roughly 8,000 therapists of whom 6,000 would have to be trained. In addition there should be employment support workers (1 for every 8 therapists) to help people stay in work or regain employment if they had lost it. The programme has gone remarkably well and has been continued by the present government. We are now in Year 4 and with fingers crossed we shall make our objective by Year 6.

Recovery rates have been nearer 40 than 50 per cent but they are improving as more and more of the therapists become experienced and fewer are trainees.

In IAPT every patient's outcome is monitored session-by-session, so that more is known about outcomes than in most other parts of the NHS. We can also see from comparing the Wave 1 services that recovery rates are higher where NICE guidelines are followed and where the staff are more experienced. So far the objective we have set is quite limited – an ability by 2013 to treat 15% of the diagnosable population each year at an annual cost of around £1/2 billion. As we approach that goal, we become increasingly aware of the challenge coming from co-morbidity with physical illness. To deal with that another 3-year programme will have to be proposed in the next Spending Review.

I have focussed mainly on adults, where the labour market evidence is pretty clear cut. But of course it would be best if we could prevent most adult mental illness in the first place. This brings us to the question of child mental illness and mental health promotion in schools and elsewhere.

5. Prevention

A half of all adults with mental illness have shown it by the age of 15. So let me first show you some crude facts. Here is the prevalence of mental disorders in childhood, again from a government survey of households (Graph 17).

And this table shows you the other problems which mentally ill children have when they are children (Graph 18). Children with mental health problems are at least 5 times more likely than others to bunk off school or to be excluded,

as well as being much more likely to smoke and take drugs and worst of all to self-harm.

This next table (Slide 19) shows you how people's adult lives develop according to the scale of their behavioural difficulties in childhood. The left hand column is essentially those with conduct disorder and the right hand column is the best-behaved 50%. You can see the extraordinary difference in the extent to which disturbed children go on to commit violent crime, to become teenage parents, or to live off welfare. Even with controls, these differences remain huge. It is because we have not tackled mental illness that these problems are just as they were in Beveridge's day – or in some ways worse.

The case for early intervention is based on the extent to which childhood disorder predicts for the individual a life of misery and for society a load of costs. This is a famous table (Slide 20) which shows the subsequent taxpayer cost of children with conduct disorder compared with other children. The issue of course is whether anything can be done and whether it is cost-effective. There has been much less research on the treatment of children than of adults, but as for adults there are well-established treatments that are recommended by NICE.

Treatments for children

For children with anxiety problems, CBT typically leads to 50% recovery rates and for children with mild to moderate conduct disorder parent training produces improvement in 2/3 of cases. These are quite cheap treatments. For serious conduct disorder much more intensive work is needed such as multisystemic therapy costing around £6,000.

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The shocking thing is that only ¼ of all the million or so children who need

treatment are receiving it, and child mental health services in England are now

being cut due to the local authority cuts. This is simply inhuman – any physical

problem is almost automatically treated, while the human spirit is treated as

marginal.

So the case is above all humanitarian. But on top of it is the cost-saving.

Unfortunately the cost-saving is more difficult to compute for children than for

adults, since many of the costs which are saved come many years later, and very

few treatment trials of children follow them up for long enough to record all

these savings.

Prevention: schools

This brings us to the issue of preventing mental illness in the first place.

The first point is that good intentions are not enough – many well intentioned

programmes carried out with the best will in the world have been found to make

no difference. One recent example was the British government's pilots of social

and emotional learning in secondary schools.¹⁹

The evaluators correctly attributed this to insufficient structure and

insufficient manualisation. The programmes that produce the best results are

those that are highly structured (which is also true of psychological therapy). In

the US the CASEL collaboration has done a meta-analysis of 180 programmes

with the average results shown in this table (Slide 21). Some programmes have

of course much better results.

In the UK our Centre took the lead in organising pilots of the University of Pennsylvania's Resilience Programme for all the 11 year olds in 22 secondary schools. This is an 18 hour programme which teaches the children to observe and manage their own thoughts and feelings, and to understand and respond to the thoughts and feelings of others. As one would hope, the largest effects (compared with controls) were on the children who started off in the most depressed 40% of the class. For them their degree of depression was reduced by 0.2 standard deviations, but by three years later the effect had gone.

This problem of fading effects arises in many programmes and for most of them we have no idea of their long-term effects because they have simply not been followed up. One encouraging exception is the so-called Good Behaviour Game²⁰ piloted in Baltimore. Each beginning primary school class is divided into 3 teams and each team is scored according to the number of times a member of the team breaks one of the behaviour rules. If there are fewer than 5 infringements all members of the team get a reward. Children in the treatment and control groups were followed up right up to age 19-21 and those in the treatment group had significantly lower use of drugs, alcohol and tobacco and significantly lower frequency of anti-social personality disorder.

I mention this study for two reasons. First, the long follow-up. But, secondly, the amount of time when the game was played totalled around 200 hours. My guess is that Aristotle was right – habit is central to the development of character and we shall only produce a more mentally healthy school population if we spend more time on it. First we need a more values-based school ethos, but second we need a sustained evidence-based curriculum for personal, social and health education lasting throughout the school life. Our Centre has now devised a balanced mix of evidence-based programmes that

would provide 140 hours of the curriculum in secondary schools, and we are hoping to pilot it over a 5 year period.²¹

Workplace

Another place where mental health could be improved is of course at the workplace (Slide 22). Better mental health is very much in the employers' interests, given the problems of absence and turnover which I discussed earlier. In 17/19 OECD countries work-related mental problems are up. Surveys of individuals show that the worst time in their day is when they are in the presence of their line manager.²² We need better job design and a more proactive way of handling absence. At Davos I was shocked to learn that in many countries managers are not allowed to ring up their sick employees and ask how they are and what the problem is. We have got to become a lot more open about mental health problems, and to get treatment for those who need it.

6. Social sciences

But basic to all this will be a better understanding of the role of mental health in all aspects of our national life. So let me end on this, and the way in which social science can contribute.

What we need now is a complete model of the lifecourse (Slide 23). Emotional wellbeing should be the central variable of interest – the ultimate criterion by which we judge the state of our society. But, to understand how this evolves, we have to know how it affects a person's conduct, educational performance, physical health and (in adulthood) their employment, earnings and

performance as parents. And we <u>also</u> need to know how these other things then affect emotional wellbeing.

So in this schematic diagram each dot is in principle affected by every dot that is prior to it in time, including of course the person's family background and the shocks and interventions they have experienced. The dotted lines indicate just one equation in the model.

Our current understanding of this picture is very patchy. It is a bit like our understanding of macroeconomics in the late 1940s. Bits and pieces were known about the parts of the economy, but to make real progress required an estimated model which showed how much each bit mattered. Scholars in Oxford and Philadelphia led the way in developing one.

Similarly today we know lots of bits and pieces about subjective wellbeing but we still lack a model – a quantitative model in which the relative importance of all the factors is properly shown. We hope the Centre can play an important role in meeting that need, and we are setting about estimating such a model using the mass of cohort data which now exists in Britain and abroad.

For this model to be of use for analysing policy interventions, it must be fully causal – the estimated equations must tell you how any variable_t would change if an earlier shock were introduced into the model. But there is always the danger that the observed relationships in the model are not truly causal but reflect the common influence of some unobserved variable which persists over time. The most obvious omitted variable is the genes, which are omitted in most of modern social science. We **have** to get these in, and that is why we hope that

some of our work can be done on twin data which will enable us to control properly for the genes.

But why is our Centre a proper place to build this model? Well, most of us are labour economists and we are quite used to studying the evolution of earnings, so it's not such a far cry to study the evolution of wellbeing and its distribution. Though we are celebrating 21 years of the Centre for Economic Performance, the Centre was actually founded in 1964 by Claus Moser and myself. In 1974 it turned into the Centre for Labour Economics led by Steve Nickell, David Metcalf and myself. We were soon joined by Richard Jackman and Chris Pissarides, and were hugely proud of Chris' Nobel Prize. In 2003 the leadership of the Centre passed to John van Reenen and Steve Machin, who have been running it brilliantly and we were also hugely proud that John recently won the prize for best European economist under 45. Altogether the Centre has produced 6 members of the Monetary Policy Committee but the heart of our business has always been to explain real wages and unemployment and the way they are distributed across the population. So if we can now measure the quality of life as well as wages, let's explain that too. I like to think that Beveridge, who as former Director of LSE was a great believer in empirical social science, would have approved.

And after we've got a proper model, what then? Well of course the whole aim is to lead to better policy through a more sensible kind of cost-effectiveness analysis than is currently used. If you think about the welfare state, most of the benefits cannot be measured in units of 'willingness to pay'. Think for example of health, social care, law and order, the environment, and of course the relief of poverty. The benefits have to be measured in units of emotional wellbeing or life satisfaction. And to measure them we should use the model in conjunction

with experimental data to estimate how life satisfaction changes in response to policy interventions. The model also gives us a better fix on the net costs of an intervention (after the gross costs have been adjusted for all the savings or extra costs incurred as a result). I've already illustrated that. So I think that in 25 years' time there's a real chance that we will have much better methods of cost-effectiveness analysis – and governments which focus much more on what really matters for our people.

Action for Happiness

But in the end what happens will depend ultimately on individuals — what they do themselves and what they get their governments to do. That is why a year ago a group of us launched a social movement called Action for Happiness (Slide 24) whose members pledge to try to create the most happiness they can in the world around them and the least misery. We now have over 20,000 members from over 120 countries. Please join us.

¹ Layard et al (2010).

(i) For chronic physical illness. A CBT clinic in Hillingdon for patients with Chronic Obstructive Pulmonary Disease saved expenditure on that condition (on A&E and hospital

² Davidson (2000).

³ Source: British Cohort Study. Malaise score is based on the following 24 questions (1=yes) divided by 24: Often have backache; Felt tired most of the time; Often feel miserable or depressed; Often have bad headaches; Often gets worried about things; Usually have great difficulty in falling/staying asleep; Usually wake unnecessarily early in the morning; Wear yourself out worrying about your health; Often gets into a violent rage; People often annoy and irritate you; At times had twitching of the face, head or shoulders; often suddenly become scared for no good reason; Scared to be alone when there are no friends near you; Easily upset or irritated; Frightened of going out alone or meeting people; Constantly key up and jittery; Suffer from indigestion; Suffer from an upset stomach; Poor appetite; Every little thing gets on your nerves and wears you out; Heart often races like mad; Often have bad pains in your eyes; troubled with rheumatism or fibrositis; Ever had a nervous breakdown.

⁴ Almlund et al (2011).

⁵ Duckworth and Seligman (2005).

⁶ For interesting discussions of the appropriate weights for different disorders, see Böckerman et al (2011), Moussavi (2007) and Dolan et al (forthcoming). These alternatives are difficult to compare with the weights used in compiling DALYs.

⁷ Nimnuan (2001)

⁸ Psychiatric Morbidity Survey (2000). Table 4.2.

 $^{^9}$ Naylor et al (2012). Since 1/3 of LTC patients have mental illness and treating LTC costs roughly 5% of GDP, the cost of their mental illness is 0.8% of GDP. (1/2 x1/3 x 5%).

¹⁰ See Roth and Fonagy (2005).

¹¹ This is consistent with the recovery rates and cross-sectional evidence quoted earlier. For the US data see Wells et al (2000) and Rollman et al (2005). For patients in Wave 1 of IAPT (see below) 47.5% of the patients were in employment (and not receiving sick pay) when they begin treatment. Immediately after treatment ended the proportion was 49.5%, but more will have returned to work in the following weeks and months. Analysis by Alex Gyani. The change in numbers on sick pay and benefits equaled the change in numbers employed (without sick pay). On other outcomes of IAPT, see Gyani et al (2011).

¹² Chiles (1999). In addition here are some examples of potential savings to the NHS from CBT for people with physical symptoms.

admissions) equal to three times the cost of treatment (Dupont (2007)). Similar results have been found with angina (Moore et al (2007)). These were before-and-after studies. For rheumatoid arthritis we have evidence from a randomised control trial where CBT again paid for itself (saving on average £1,700 for an expenditure of £1,000) (Sharpe et al (2001)).

(ii) For medically unexplained symptoms, which cost the NHS billions in fruitless referrals, we have no specific cost estimates. But a meta-analysis of 13 US trials showed that CBT reduced these illnesses in all but two trials – and lowered the associated costs (Kroenke (2007)).

http://www.rcgp.org.uk/news/press_releases_and_statements/gps_demand_better_psychologica.aspx

http://www.rcgp.org.uk/news/press_releases_and_statements/gps_demand_better_psychologica/the_survey.aspx

¹⁷ For evidence that CBT is more effective than pure social support, see the following evidence. For long-term unemployed in Britain, group CBT compared with social support led 4 months later to employment rates of 49% for CBT and 28% for social support (Proudfoot et al (1999)).

An Australian study of benefit claimants compared 8 hours of group CBT plus 8 hours of job search assistance to 16 hours of job search assistance only. After 4 weeks the employment rate was 53% for the CBT-plus group and 20% for the job search group (Della-Posta et al (2006)).

¹³ Mind (2010).

¹⁴ Survey by the Royal College of General Practitioners (2010).

¹⁵ The Depression Report (2006).

¹⁶ Clark (2011).

¹⁸ These costs omit reduced earnings, mental illness and the costs of drugs, smoking and suicide. Freidli and Parsonage (2007) estimate these in present value terms at £225,000.

¹⁹ Humphrey et al (2010).

 $^{^{\}rm 20}$ Kellam et al (2008) and Ialongo et al (1999).

²¹ Layard et al (2011).

²² Kahneman et al (2004).

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