

Press release: Environment Agency to tackle decline in salmon population

The Environment Agency is calling on anglers and netsmen to have their say on potential salmon rod and net limitations through an initial consultation launched today (Thursday 24 August 2017).

The consultation aims to understand how the Environment Agency can better manage salmon fishing in England and the Border Esk in order to reduce the impact on salmon stocks, which are currently among the lowest on record.

It will also look at the impact that any restrictions could have on those whose livelihoods and interests depend on salmon. The initial consultation runs until Monday 9 October 2017 and invites anglers, netsmen, fishery managers and the public to give their views and to help shape the future of salmon stocks in England and the Border Esk. The results will then be used to issue a formal consultation later this year.

Salmon stocks across the Atlantic are challenged by a number of factors including marine survival and barriers to migration. The Environment Agency is working with partners on a programme of action to restore salmon stocks throughout England.

Heidi Stone, the Environment Agency's Salmon Programme Manager said:

We are working hard to improve salmon stocks and are seeking views on measures to further protect this important species.

The issues facing salmon and the reasons for their decline are complex and there is no simple solution to increasing salmon numbers. Evidence indicates that the marine phase of their lifecycle is the most likely reason for their decline and that fishermen taking salmon is not the primary cause.

But if we do not act now, we risk seeing further declines in salmon in many of our rivers. We are asking for views on a range of options and your responses will truly help to form our approach to managing salmon stocks in the future.

The Environment Agency, Government, Angling Trust, Rivers Trust, Atlantic Salmon Trust, Salmon and Trout Conservation UK, Wild Trout Trust and Institute of Fisheries Management have formed a working partnership in order to address this issue. This programme is called the Salmon Five Point Approach, and has been jointly developed and committed to by all partners. It sets out the actions to address the key pressures that affect the different life stages of salmon.

The priorities are:

- Improve marine survival
- Further reduce exploitation by nets and rods
- Remove barriers to migration and enhance habitat
- Safeguard sufficient flows
- Maximise spawning success by improving water quality.

Find out more about the [Salmon Five Point Approach](#).

Take part in the [e-consultation](#).

Press enquiries: please call 0203 025 5623, or email newsdesk@environment-agency.gov.uk.

Press release: 6 million adults do not do a monthly brisk 10 minute walk

Over 6.3 million adults aged 40 to 60 do not achieve 10 minutes of continuous brisk walking over the course of a month and are missing out on important health benefits, according to [evidence reviewed by Public Health England \(PHE\)](#).

The findings also reveal how lifestyles have changed over time, showing that people in the UK are 20% less active now than they were in the 1960s and on average walk 15 miles less a year than 2 decades ago. The sedentary nature of modern, busy lives makes it difficult for many to find the time for enough exercise to benefit their health.

PHE's new One You physical activity campaign is encouraging adults to build 10 minutes continuous brisk walking into their day as a simple way to improve their health. This is particularly aimed at those who have an inactive or low activity lifestyle and may find incorporating activity into their day challenging. The 'Active 10' app has been developed to show how much brisk walking a person is doing each day and how to incorporate more of it into their lifestyles.

Taking at least 1 brisk 10 minute walk a day has been shown to reduce the risk of early death by 15%. A 10 minute walk can contribute to meeting the CMO's physical activity guidance of 150 minutes of moderate to vigorous exercise each week. This can lead to health benefits including a lowered risk of type 2 diabetes (by 40%), cardiovascular disease (by 35%), dementia (by 30%) and some cancers (by 20%).

The severity of the current physical inactivity epidemic amongst adults contributes to 1 in 6 deaths in the UK and is costing the NHS over £0.9 billion per year.

Dr Jenny Harries, Deputy Medical Director at PHE, said:

I know first hand that juggling the priorities of everyday life often means exercise takes a back seat.

Walking to the shops instead of driving or going for a brisk 10 minute walk on your lunch break each day can add many healthy years to your life. The Active 10 app is a free and easy way to help anyone build more brisk walking into their daily routine.

The free app combines walking intensity and time, rather than just distance or steps and is the first of its kind. It helps people gradually introduce more activity into their daily routine, with goal setting advice and motivational tips. It has already helped 50,000 adults get more active.

Professor Sir Muir Gray, Clinical Adviser for the Active 10 app and the One You campaign, said:

We all know physical activity is good for your health, but for the first time we're seeing the effects that easily achievable changes can make. By walking just 10 continuous minutes at a brisk pace every day, an individual can reduce their risk of early death by 15%. They can also prevent or delay the onset of disability and further reduce their risk of serious health conditions, such as type 2 diabetes, heart disease, dementia and some cancers.

The Active 10 app has been endorsed by the Royal College of General Practitioners (RCGP). GPs across the country are recommending it to their own patients as a tool to help them manage existing conditions and prevent the negative health impact of inactivity.

Dr Zoe Williams, GP and Clinical Champion for Physical Activity and Lifestyle at the RCGP, said:

As GPs, we're best placed to talk to people about how their lifestyles affect their health. Every GP should talk to their patients about the benefits of brisk walking and recommend the Active 10 app. It's the first free app of its kind and an easy, accessible way to make brisk walking a daily habit.

The Active 10 app was developed by PHE in collaboration with The University of Sheffield, Sheffield Hallam University and the National Centre for Sport and Exercise Medicine.

Search 'Active 10' to download the free app which shows how much brisk walking you are currently doing and provides tips and encouragement on how to fit ten minute bursts of brisk walking into your daily routine.

For further information about the One You Physical Activity campaign, please contact:

[Public Health England](#) exists to protect and improve the nation's health and wellbeing, and reduce health inequalities. It does this through world-class science, knowledge and intelligence, advocacy, partnerships and the delivery of specialist public health services. PHE is an operationally autonomous executive agency of the Department of Health. Follow us on Twitter: [@PHE_uk](#) and Facebook: www.facebook.com/PublicHealthEngland.

Professor Sir Muir Gray, Clinical Adviser for the Active 10 app and the One You campaign, said:

Many digital products tell us to aim for 10,000 steps a day, which is a good recommendation but may seem unachievable to many people tied to the desk, screen or steering wheel for eight hours a day.

It's important to consider both distance and intensity of walking to get the heart pumping in order to improve health. Walking briskly for 10 minutes each day benefits inactive adults the most, which is why the Active 10 app fits millions of people's needs so well.

About One You

The One You Physical Activity campaign will launch with television, digital and, updated web content from today (24 August 2017) across England.

People are encouraged to download the free Active 10 app which shows how much brisk walking they are currently doing and which provides tips and encouragement on how people can fit 10 minute bursts of brisk walking into their day. People can also find further hints and tips on the One You website: www.nhs.uk/oneyou.

People can download the Active 10 app from the iTunes app store (for iOS), Google Play store (for Android).

The Active 10 app was developed by PHE in collaboration with The University of Sheffield, Sheffield Hallam University, the National Centre for Sports and Exercise Medicine.

Active 10 is part of One You. Launched in March 2016, One You from PHE is the first nationwide programme to support adults in making simple changes that can have a huge influence on their health, could help prevent diseases such as type 2 diabetes, cancer and heart disease and reduce risk of suffering a stroke or living with dementia, disability and frailty in later life. It aims to inform, energise and engage millions of adults, especially those in the 40 to 60 'middle aged' group, to make changes to improve their own health by eating well, moving more, drinking less and quitting smoking.

One You also provides information on free health checks and how people can

reduce their stress levels and sleep better.

Calculation of population figure

% not walking briskly*	Population estimates mid-2016 (million)**
Persons 41.3%	6.32

Source

*10 minutes brisk walking each day in mid-life for health benefits and achievement of recommended activity levels evidence paper.

**[ONS mid year population estimates, mid-2016](#).

[News story: Action plan to improve accessibility in transport unveiled by the government](#)

Work aimed at improving accessible toilets on the railways, ensuring better use of Blue Badges and trials in autonomous vehicles are among measures to improve transport for people with disabilities, announced today (24 August 2017).

The [draft accessibility action plan](#), published today, is the next step in the government's commitment to removing barriers for millions of disabled people to be able to travel independently and confidently.

The Department for Transport is now consulting on the plan to seek views and ideas on how to best improve accessibility on roads, rail, water and in the air.

Transport Minister Paul Maynard, who launched the plan in Leeds, said:

I take the issue of accessibility across all modes of transport very seriously.

This draft accessibility action plan is the next step in a much needed dialogue with disabled people, carers, transport providers and local authorities to identify new ways to improve travel.

It sets out the government's strategy to address gaps in our transport services which serve as a barrier to people with disabilities.

I secured commitments from the rail industry earlier this year to

help make things better for disabled people. It is absolutely vital that all people are able use transport.

From October, a pilot study will explore opportunities to increase the availability of accessible toilets on trains and improve their reliability through better tanking facilities.

The department is also working with the Rail Delivery Group to provide 'alternative journey options' – for example, if the only accessible toilet is out of use.

A competition will be launched jointly with the Rail Safety and Standards Board, to find solutions to reducing the cost of accessibility improvements at stations, including the availability of accessible toilets. It will also focus on supporting people with less visible disabilities.

The action plan also commits to reviewing [Blue Badge](#) eligibility for those with non-physical disabilities.

Improvements could be made so that the criteria is more consistently applied across the country.

In addition, the [Bus Services Act 2017](#) includes powers to require bus operators to provide audio-visual route and next stop announcements on board their services, of particular benefit to people with impaired vision or hearing.

Keith Richards, Chair of the [Disabled Persons Transport Advisory Committee](#), said:

DPTAC welcomes the launch of this accessibility action plan consultation. It supports our vision that disabled people must have the same access to transport as everybody else, to be able to go where everyone else goes and to do so easily, confidently and without extra cost.

A focus on the future and a commitment to clear actions are key drivers for change and improvement in access to transport and the built environment in which it operates – for all disabled people. We will continue to hold the department to account after publication of the plan.

The government is also working in other sectors to improve accessibility.

As part of our ambitious [aviation strategy](#), for example, we are consulting on how to improve the experience of disabled passengers both in airports and on flights.

For autonomous vehicles, the government's centre for [Connected and Autonomous Vehicles](#) (CCAV) is working to secure the safety, socioeconomic, and

industrial benefits for the UK – and this includes improving access to mobility for all.

For example, CCAV is joint funding a number of exciting real-world trials of connected and autonomous technologies in cars, shuttles, and pods, which are actively exploring how people with mobility impairment can benefit.

[News story: Derailment at Ely West Junction, 14 August 2017](#)

Investigation into a derailment of a freight train at Ely West Junction, 14 August 2017.

At around 14:20 hrs on 14 August 2017, a freight train derailed at Ely West Junction, near the town of Ely in Cambridgeshire. The train was travelling from the port of Felixstowe to a terminal at Doncaster and consisted of a diesel locomotive hauling 30 container-carrying wagons. The rear 12 wagons became derailed as the train traversed a set of points which formed part of the junction.

As a result of the derailment, there was extensive damage to the railway infrastructure. The derailed wagons were also damaged. There were no injuries. The railway was closed to all trains until 03:00 hrs on 21 August 2017.

Our investigation will seek to identify the sequence of events that led to the accident and how the wagons derailed. It will also consider:

- the condition of the track and its geometry in the area of the derailment
- the condition of the wagons and their maintenance
- how the weight was distributed on the first wagon to derail, and the likely effect that this had on its derailment resistance
- similar UK derailments of container flat wagons in recent years and the industry's response to subsequent safety recommendations
- any relevant underlying management factors

Our investigation is independent of any investigation by the railway industry or by the industry's regulator, the [Office of Rail and Road](#).

We will publish our findings, including any recommendations to improve safety, at the conclusion of our investigation. This report will be available on our website.

You can [subscribe](#) to automated emails notifying you when we publish our

reports.

[News story: Guide to GCSE results for England, 2017](#)

Key points

1. Overall GCSE outcomes are stable.
2. Overall results for 16-year-olds in English language, English literature and mathematics are stable at grade C/4 when comparing combined GCSE and international GCSE outcomes last summer, with GCSE outcomes this summer.
3. For the reformed GCSE qualifications in English language and mathematics, outcomes for 16-year-olds in England are broadly similar to [the modelling that we published in our blog](#).

Today (24 August 2017) we are publishing:

Background to GCSE reforms

The first of the reformed GCSEs in English language, English literature and mathematics, are being issued today. The qualifications were designed in line with the Government's policy for the qualifications and therefore:

- have more demanding subject content than the qualifications they replace
- are accessible, with good teaching, to the same proportion of students that currently sit GCSE examinations at the end of key stage 4
- all the assessments are taken at the end of the course and, for these 3 subjects, all assessment is by examination
- use tiered examination papers only where it is necessary: so English language and English literature GCSEs are not tiered and GCSE mathematics is tiered

The government also asked us to consider the case for a new grading scale. Students' performance is being recognised using the new grades of 9 to 1.

These changes reflect the government's intention that the qualifications better prepare students for further study and work, are more stretching for the most able students and remain accessible to the range of students who have traditionally taken GCSEs.

The new GCSEs are being phased in. By 2020 all GCSEs taken in England will be in line with this policy and be graded 9 to 1. (The policy steer was set out in [a letter from the Secretary of State to Ofqual](#) in February 2013).

Setting standards in GCSEs in 2017

We have set out our approach to setting standards in GCSEs this summer in [our monitoring report](#). In the 2017 awards, exam boards used predictions based on students' prior attainment at key stage 2 to inform the setting of grade boundaries.

And, as in previous years, senior examiners have been involved in all awards. In the reformed GCSEs they were asked to check whether the student work at the grade boundaries suggested by the statistics was at an acceptable standard for the grade (either 7, 4 or 1). We have not intervened to ask any boards to change their grade boundaries this summer.

For the reformed GCSEs we [published a blog](#) that estimated the likely proportions of 16-year-old students that would achieve each grade in GCSE English language and mathematics, including grade 9, in England (a [technical explanation of the modelling](#) is also available). As with any modelling, our figures were based on a number of assumptions, so these were only estimates. However, our modelling is broadly similar to the proportion of 16-year-old students in England achieving each grade this summer. We said in our blog that we could be more confident in the estimates at grades 7, 4 and 1, since the bottom of these grades were set to align with the bottom of grades A, C and G in the previous A* to G grade structure. The modelling shows that the estimates are very close to the actual outcomes at these grades.



Grade 9 in reformed GCSE subjects

This summer is the first award of the new grade 9 in the reformed GCSE English language, English literature and mathematics specifications. Grade 9 is not the same as A: *it is a new grade, designed to recognise the very highest performing students, so there are fewer grade 9s than there were As.*

Last year we announced the detail of how grade 9 will work, known as [the 'tailored approach'](#). This approach will mean that across all subjects (when all GCSEs are graded 9 to 1) about 20% of those students achieving grade 7 or above will achieve a grade 9. We adopted this approach in order to be fair across all subjects, including those where there are relatively high proportions of students currently achieving A* and A. We have provided [more details of the approach to setting grade 9](#) on our blog.

In the first year each specification is awarded, grade 9 is calculated arithmetically, using the formula shown below for 16 year old students that are matched to their prior attainment at key stage 2. These are the students that are included in the statistical predictions that are used to guide awarding. This means that the percentage of all students achieving a grade 9, relative to the percentage achieving a grade 7, will not necessarily correspond to the formula.

Percentage of those achieving at least a grade 7 who will be awarded a grade

$9 = 7\% + 0.5 \times (\text{percentage of students awarded grade 7 and above})$

Grade boundaries

It is always difficult to compare in a meaningful way grade boundaries between old and new qualifications. Maximum marks for the papers, the number of papers in a subject and the type of assessment can all be different. Where some of the old qualifications had coursework, grade boundaries on written papers may have been higher to compensate for high marks on the coursework.

Comparing the previous GCSE qualifications with the reformed qualifications is particularly challenging for a number of reasons.

The reformed GCSE English language and English literature qualifications are no longer tiered. The new papers are very different from the legacy papers since they are targeted at the full range of ability.

In mathematics, the mark allocations and the grades covered by the tiered papers have changed. When producing their question papers, exam boards are required to take all reasonable steps to ensure that the targeting of marks to grades complies with our [subject level conditions](#). However, it is not possible to accurately predict the difficulty of a question before it has been sat by students. This means that a question targeted at a particular grade might perform at a lower or higher grade than intended, which will influence the position of the grade boundaries. [Our sawtooth research](#) also suggests that, on average, grade boundaries will increase over the first few years of a specification.

The targeting of marks to grades for the foundation and higher tier in reformed GCSE mathematics are shown in the figure below (the numbers on the bars refer to the targeting of marks to grades, not to the grade that a student might achieve). The figure also shows the average grade boundary at each grade for the reformed GCSE mathematics qualifications. The average grade boundaries are weighted by the number of entries to each qualification.



GCSE English language

More 16-year-olds took GCSEs in English language this summer following changes to school performance tables. To provide a meaningful comparison of results for 16-year-olds, we have therefore combined GCSE and international GCSE data from summer 2016 to compare with GCSE data this year.

The following table shows the cumulative percentage outcomes for 16-year-olds in England in summer 2016 and summer 2017, comparing grades C/4, and grades A/7 (all of the GCSE and international GCSE combined figures in this guide are based on data provided to Ofqual by exam boards a week before results day. While the data is not complete, any missing data is likely to be missing at random). This shows that overall results for 16-year-old students in English language have remained stable in summer 2017 when compared to summer

2016, particularly at grade C/4.

Cumulative percentage at grade 2016 2017

A or 7	16.2	16.8
C or 4	69.7	69.9

GCSE English language spoken language endorsement

Performance in spoken language is reported separately and in the reformed GCSE qualifications is graded as pass, merit, or distinction. Students not achieving a grade are not classified. For the spoken language endorsement students do a prepared spoken presentation on a specific topic.

The table below shows the percentage of students achieving each endorsement grade, broken down by the grade for their performance in their examinations (these figures are based on data provided to Ofqual by exam boards a week before results day. While the data is not complete, any missing data is likely to be missing at random). It is not surprising that students achieving higher grades for their examination performance tend to perform better in the spoken language assessment too.

Grade	Distinction	Merit	Pass	Not classified	Total
9	76.2	20.8	2.5	0.4	13,988
8	63	31.5	5.1	0.4	28,083
7	49.6	40.5	9.4	0.6	49,267
6	34.6	47.4	17.2	0.8	92,418
5	20.9	48.1	29.4	1.6	116,375
4	11.5	42.2	43.2	3.1	106,417
3	5.6	29.9	58.5	6.1	136,224
2	2.4	16.8	69.3	11.6	55,943
1	1.4	10.6	67.2	20.8	21,010
U	1.2	7.6	58.1	33.1	6,623
Total	20.9	36.6	38.1	4.4	626,348

GCSE English literature

The 16-year-old cohort has increased this summer compared to last summer. More students are taking GCSE qualifications in English literature instead of international GCSEs, following changes to school performance tables. The reformed English literature GCSE is also now the main route to gain a qualification containing literature (previously students could take GCSE English which incorporated both language and literature). This, coupled with the way in which Progress 8 performance measures are now calculated, has contributed to the increased uptake of English literature. These changes to the cohort will have had an impact on the overall outcomes.

To provide a comparison of results for 16-year-olds we have combined GCSE and international GCSE data from summer 2016 to compare with GCSE data this year. The following table shows the cumulative percentage outcomes for 16-year-olds

in England in summer 2016 and summer 2017, comparing grades C/4, and grades A/7. This shows that overall results for 16-year-old students in English literature have remained stable at grade C/4. The lower outcomes at grade A/7 this year are likely to be as a result of the cohort changes this summer.

Cumulative percentage at grade 2016 2017

A or 7	21.7	19.1
C or 4	72.5	72.5

The increased uptake in English literature is as a result of new schools and colleges entering students to GCSE English literature, and existing schools and colleges, on average, entering more students this summer compared to last summer. This is shown in the table below.

Year Mean number of entries per centre Number of centres

2016	120.0	3065
2017	131.2	3965

GCSE mathematics

Like the legacy qualifications, the reformed GCSE mathematics qualifications use a two-tier assessment model. However, there are differences in the content and demand of both the higher and foundation tiers. The balance of entries between tiers has therefore changed. This is shown in the table below, that shows the percentage of 16-year-old students in England sitting the foundation and higher of the reformed qualifications this summer, compared to the linear qualifications in summer 2016.

Tier 2016 2017

Foundation	24%	47%
Higher	76%	53%

Following changes to performance tables there has also been a small increase in the number of 16-year-olds taking GCSEs in mathematics rather than international GCSEs. To provide a comparison of results for 16-year-olds we have combined GCSE and international GCSE data from summer 2016 to compare with GCSE data this year. The following table shows the cumulative percentage outcomes for 16-year-olds in England in summer 2016 and summer 2017, comparing grades C/4, and grades A/7. This shows that overall results for 16-year-old students in mathematics have remained stable at grades A/7 and C/4.

Cumulative percentage at grade 2016 2017

A or 7	19.7	19.9
C or 4	69.9	70.7

Post-16 outcomes in English language and

mathematics

There has been an increase in post-16 entries for GCSE English language and mathematics qualifications this summer (from 116,821 to 135,881 in English language, and from 160,783 to 167,541 in mathematics). The table below shows the cumulative percentage outcomes for 17-year-olds, 18-year-olds, and students aged 19+ for English language and mathematics. These figures combine the outcomes for post-16 students taking the legacy and reformed qualifications this year, and compare these to outcomes for post-16 students taking the legacy qualifications in summer 2016.

Subject	Age	A/7 2016	A/7 2017	C/4 2016	C/4 2017
English	17-year-olds	0.8	1.1	21.9	29.1
English	18-year-olds	0.2	0.3	16.9	24.6
English	19+	1.9	2.7	33.1	39.4
Maths	17-year-olds	1.9	1.5	26.4	24.6
Maths	18-year-olds	0.6	0.4	18.0	16.5
Maths	19+	3.2	2.4	39.3	33.9

GCSE (combined) science

Overall entries for GCSE (combined) science have decreased this summer when compared to summer 2016 (from 375,654 to 283,390). In general, students take GCSE science in year 10 and GCSE additional science in year 11. This year the entry from year 10 students is lower, because these students are waiting to take the reformed GCSE science qualifications that are available in summer 2018.

The change in entry has an impact on the overall results. In the past, year 10 students generally out-performed the year 11 students at grades A* to C. This year, although the results for 16-year-olds have remained stable, the overall outcomes are lower because the year 10 cohort has changed. This is shown in the table below for England.

Cumulative percentage at A* to C	2016	2017
Year 10 and under	63.6	35.8
Year 11	47.6	48.0
Overall	52.7	47.9