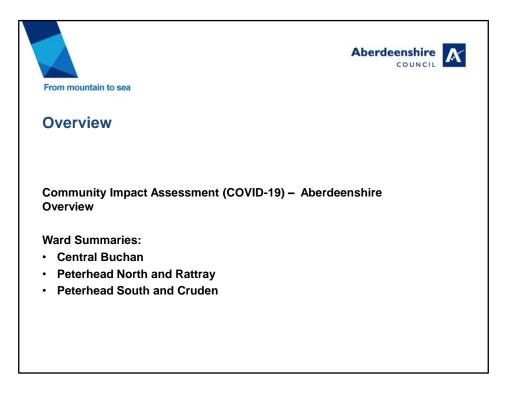


This presentation highlights some of the main themes pertaining to the three Buchan Wards - Central Buchan, Peterhead North and Rattray, Peterhead South and Cruden.

The document called 'CIA Ward Areas and Intermediate Zones Buchan.docx' (separate document) shows the location of the Intermediate Zones referred to in the presentation, along with notes on the indicators at the end of this document.

This presentation is entirely based on the COVID-19 Community Impact Assessment. It uses a variety of indicators to highlight areas that may potentially be vulnerable in respect of COVID-19 in the three Buchan Area Wards.

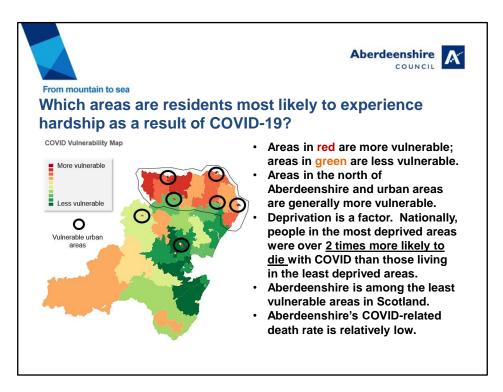


In terms of structure, the presentation will essentially cover 2 main items:

- The overall findings of the Community Impact Assessment; (went to committee in 07.10.2020 <u>http://committeesinternal.aberdeenshire.gov.uk/committees.aspx?commid=1&m</u> <u>eetid=19805</u>) and
- 2. Specific vulnerabilities identified per Ward

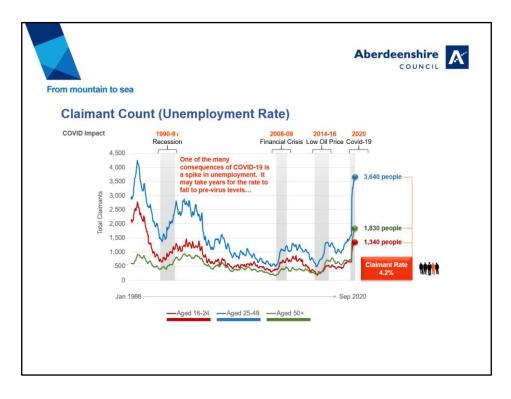
This presentation is entirely based on the COVID-19 Community Impact Assessment. It uses dozens of indicators to highlight areas that may potentially be vulnerable in respect of COVID-19. There are 5 main themes in the document. These are:

- 1. COVID Vulnerability based on 2 major indices
- 2. Demographic Vulnerability based on 2 indicators
- 3. Health Vulnerability based ion 28 indicators
- 4. Economic Vulnerability based on 15 indicators
- 5. Other Social Data based on 30 indicators



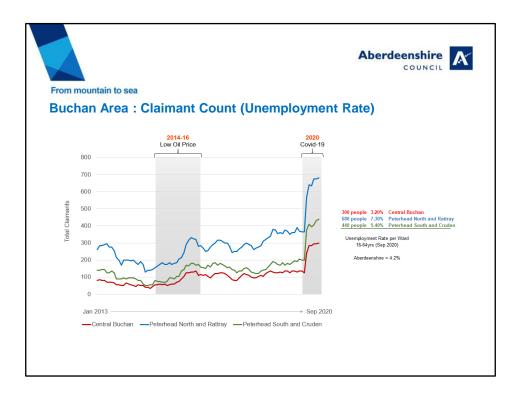
Areas in the north of Aberdeenshire and urban areas tend to be more vulnerable, according to the various indicators and themes contained in the report. Some of the more rural areas, whilst vulnerable in certain respects due to geographic remoteness and poorer internet connections, tend to be less vulnerable overall. Areas to the west and south of Aberdeen City are among the least vulnerable in Aberdeenshire. Areas in the north tend to be home to a higher proportion of people aged 65 and over who have social care needs and are receiving Attendance Allowance benefits. This is payable to people over the age of 65 who are so severely disabled, physically or mentally, that they need a great deal of help with personal care or supervision. There is a moderately strong correlation between Attendance Allowance rates and COVID-related death rates in that, where Attendance Allowance rates are relatively high, so too is the COVID death rate. Residents in the north also tend to experience poorer health outcomes and lower life expectancy rates relative to those living elsewhere in Aberdeenshire. The relationship between deprivation and COVID vulnerability isn't just a local phenomenon. National data show that, after adjusting for age, people in the most deprived areas were over 2 times more likely to die with COVID than those living in the least deprived areas.

The vulnerable areas you see in the map are based on Aberdeenshire-specific data. If we widen our lens a moment and consider the bigger picture, we'd see that Aberdeenshire is among the least vulnerable areas in Scotland. Therefore, although these areas are vulnerable in the context of Aberdeenshire, they are statistically less vulnerable when viewed alongside other areas in Scotland.



The economic consequences of COVID will likely be felt for years to come. Perhaps the most accessible manifestation of that statement is found in the claimant count (or unemployment rate), which is tracked, in the first instance, from January 1986 to September 2020. The COVID pandemic is placed in the context of previous recessions and crises, as shown by the grey vertical bars in the chart. The first chart simply traces the claimant count of the respective age group over the years.

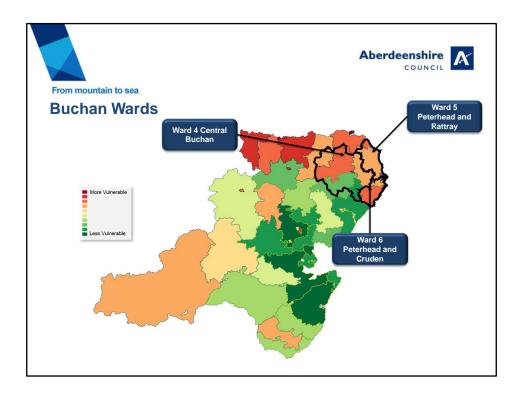
The Claimant Count measures the number of people claiming unemployment related benefit in the UK. Aberdeenshire's claimant count has, like the rest of Scotland, increased over the last few months to levels not seen since the 1990/91 UK-wide recession. Approximately 6,810 people claimed unemployment benefits in Aberdeenshire over the course of September 2020, up from 2,980 in February (prior to Lockdown). That equates to 4.2% of the total population aged 16-64, up from 2.3% in February. Although this is **the 3rd lowest rate in Scotland**, it is a relative 'shock' in the context of recent local employment data and could potentially push a greater proportion of residents and families closer to the threshold of relative deprivation. The situation may be exacerbated now that the existing furlough scheme has expired. A new furlough system is now in place however it was announced too late for some companies who had already announced redundancies once furlough ended.



This slide showing the Claimant count for 16-64 year olds in the three Formartine Wards up to September 2020. The highest increase is found in Mid Formartine, however as you can see it is a similar story in all Wards. The highest unemployment rate is Peterhead and Rattray 7.3%, followed by Peterhead and Cruden at 5.4% and Central Buchan at 3.2%. The Aberdeenshire average is 4.2%

Claimant numbers Feb 2020 Ward 4 - 135, Ward 5 - 365, Ward 6 - 200 Claimant numbers Sep 2020 Ward 4 - 300, Ward 5 - 680, Ward 6 - 440

The next few slides look at the picture in the Buchan Area Wards to see what the data is telling us.



This map is based on the most recent data, in which areas residents are most likely to experience hardship as a result of COVID-19. Red – most vulnerable, green least vulnerable. The map also shows the locations of the three Buchan Wards. The prevailing colours are more towards the red and the orange with some green in the Central Buchan Ward. Dozens of indicators were used and ranked in order to compile this map. So this map essentially answers the question: in which areas are residents most likely to experience hardship as a result of COVID-19?

The red and orange colours indicate Intermediate Zones with higher vulnerability which suggests they are among the more vulnerable in Aberdeenshire. Based on weighted rankings per vulnerability, Peterhead North and Longside is home to the IZ Peterhead Harbour, the most vulnerable in Aberdeenshire. Peterhead South and Cruden is home to Peterhead Bay, the third most vulnerable IZ.

In Central Buchan, Auchnagatt and Ythanside are less vulnerable (44th and 48th out of 59 IZs)

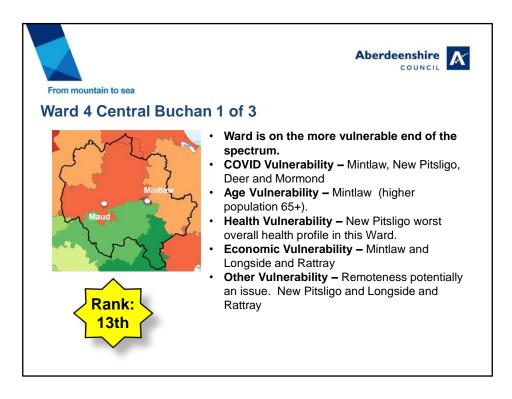
The following slides look at each of Buchan's three wards individually in more detail based on the indicators used.

From mountain to sea Ward 4 Central Buchan	Aberdeenshire counci	
Mintlaw	COVID Vulnerability Spectrum (4 th most vulnerable) Less Vulnerability Spectrum (10 th most vulnerable) S2.6 Less Vulnerability Spectrum (10 th most vulnerable)	
Rank:	HEALTH Vulnerability Spectrum (7th most vulnerable) 68.4 Less Vulnerability Spectrum (6 th most vulnerable) ECONOMIC Vulnerability Spectrum (6 th most vulnerable) T3.7 Less Vulnerability More V	
	OTHER SOCIAL DATA Vulnerability Spectrum (2nd most vulnerable) 94.7 Less Vulnerable	ulnerable

This is an enlarged portion of the map on the previous slide. It shows Central Buchan's overall vulnerability per Intermediate Zone. Again, green denotes areas that are less vulnerable overall; reds and oranges denote more vulnerable areas. the settlements are so that you can get your bearings.

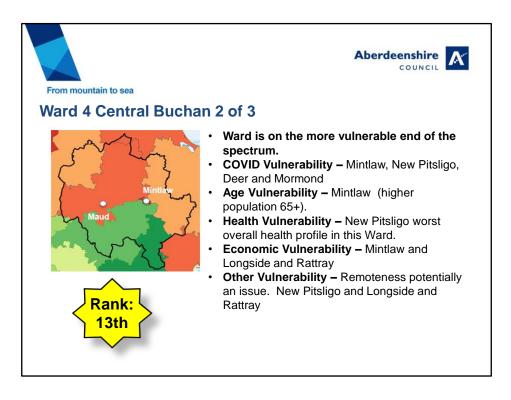
Let's look at the 5 slider graphs on the right of the slide. These are the 5 themes used in the Community Impact Assessment. They simply place the Ward on a spectrum, from least vulnerable in Aberdeenshire to most vulnerable. The closer the black marker is to the green side of the graph the less vulnerable that Ward is relative to all other Wards in Aberdeenshire. So, in short, the farther the black marker is to the *left*-hand side of the graph, the better.

It also includes the Ward's ranking per Theme, as well as the overall ranking (the yellow star at the bottom-left of your screens). *The overall ranking is based on weighted rankings per vulnerability theme.* The yellow star at the bottom-left of your screens is the Ward's overall ranking – joint 13th **least** vulnerable - out of the 19 Wards in Aberdeenshire.



In terms of the two national COVID studies, this Ward is the 4th most vulnerable in Aberdeenshire. In terms of the ScotPHO index, which places an emphasis on health-related indicators, Mintlaw is the most vulnerable area in this Ward – it's twice the Aberdeenshire average, and it scores relatively poorly in respect of the more comprehensive British Red Cross index. The opposite is the case for Ythanside. **Mintlaw – most vulnerable**, followed by New Pitsligo, Deer and Mormond. In terms of demographics and age-related vulnerability, both Longside and Rattray and Mintlaw are home to a higher-than-average proportion of people aged 65 and over with underlying health conditions (i.e. those in receipt of Attendance Allowance benefits); and Mintlaw has a higher-than-average population aged 65 and over. As we know, age is a risk factor in terms of COVID, and the risk increases in populations with a higher incidence of underlying health conditions. **Mintlaw would be considered the most vulnerable area**.

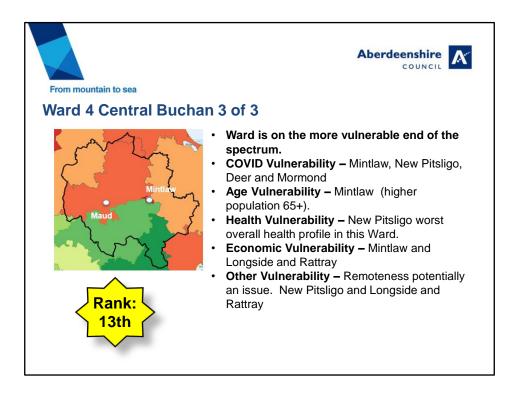
Most health-related indicators suggest the general population within the Ward is less healthy than the majority of Wards. It is however the healthiest of the three Wards in the Buchan area. healthy, albeit the weighted rankings suggest the area is above to the Aberdeenshire average. This is largely due to the fact that one Intermediate Zone – Longside and Rattray – had recorded 7 COVID-related deaths since March 1st, 2020, which is one of the highest numbers in Aberdeenshire. Deer and Mormond had recorded 3 over the same period. The location of a care home or other institutional setting may have had a bearing on this outcome – and the death rate may be due to an isolated incident.



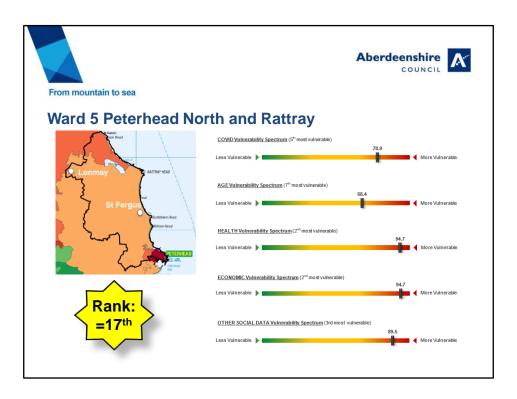
If COVID deaths were taken out of the equation, then New Pitsligo would probably have the worst overall health profile in this Ward. This is due to a relatively high early death rate from: All-cause mortality among the 15-44 year olds, Deaths all ages, Early deaths from cancer (<75). The area also ranks poorly in terms of childhood development: Exposure to second-hand smoke, Developmental concerns at 27-30 months, Immunisation uptake at 24 months, Immunisation – MMR, Healthy birth weight.

New Pitsligo is also home to a relatively large proportion of households in receipt of Universal Credit with Limited Work Capability and Personal Independence Payments (PIP): Cases with Entitlement as a % of 16+ population relative to the other Intermediate Zones in the Ward. This just means a health condition or disability prevents someone from working or limits the amount of work they can do. **New Pitsligo – most vulnerable.**

In terms of economic vulnerability, this Ward is 5th most vulnerable, according to the 15 indicators used in the main report. The proportion of households earning less than £20,000 is just above that of the average for Aberdeenshire however it does vary across the Ward ranging from 34.7% in Mintlaw to 13.2% in Ythanside. Median household income is below the Aberdeenshire average by £2.5k but ranges from £47,271 in Ythanside to £27,187 in Mintlaw. The proportion of pensioners in receipt of Pension Credits at Ward level is below average but the amount received is the 4th highest suggesting pensioner poverty could be an issue here.

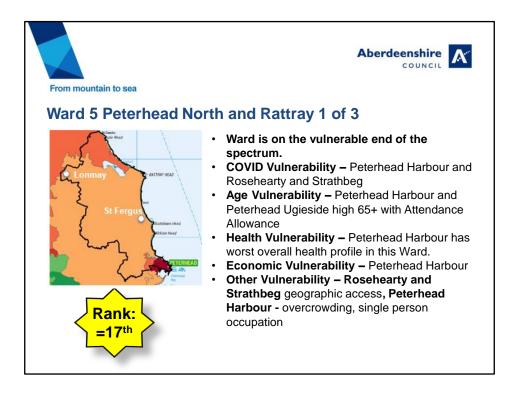


At an IZ level the highest mean weekly award amount is £57.67 in Auchnagatt (4th highest in Aberdeenshire) and in Ythanside the value is £43.48. Longside and Rattray, Mintlaw and New Pitsligo are also above the average. The % of people who are income deprived is just below the Aberdeenshire average. At an IZ level, Auchnagatt is the least income deprived, however Mintlaw and New Pitsligo are 9th and 15th most deprived respectively. The unemployment rate is the lowest in the Buchan area at 3.2% (Sep 2020) - lowest of all three wards. Child Poverty is at the Aberdeenshire average but in New Pitsligo it is the 12th highest proportion of children living in absolute poverty as a % of the 0-19 year old population, 20th and 20th highest number of Children in Low Income Families (Relative Poverty) as a % of 0-19 year old population. Mintlaw and Longside and Rattray have twice the Aberdeenshire average proportion of people on Universal Credit whilst in employment, suggesting in-work poverty may be an issue. Most vulnerable: Mintlaw and Longside and Rattray. The 30 or so other indicators used to gauge other forms of vulnerability are generally above the Aberdeenshire average. Average drive times to various local amenities are at the highest end of the scale, bus accessibility is relatively poor, and access to superfast broadband may be described as patchy (37.1%). This latter point could hamper or frustrate internet users in some parts, especially if they rely on fast internet connections for work purposes. Mintlaw ranks high in digital vulnerability and to a lesser extent New Pitsligo. In short, New Pitsligo along with Longside and Rattray are arguably the most vulnerable areas in this Ward overall.



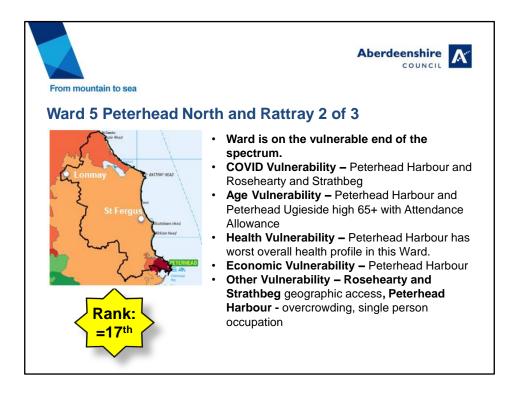
Using the same format for the remaining Wards. The map suggests the area surrounding Peterhead North and Rattray is generally among the most vulnerable in Aberdeenshire (denoted by the red and orange colours). The two intermediate Zones that lie in Peterhead itself are towards the more vulnerable end of the scale – Peterhead Harbour is the most vulnerable of all the Aberdeenshire IZs. If we look at the slider graphs on the right, we can see that in **all** instances the black markers are more towards the right hand side of the spectrum, meaning the Ward is more vulnerable. This is particularly the case in relation to the health and economic themes and, to a lesser extent, the other socio-economic theme.

It also includes the Ward's ranking per Theme, as well as the overall ranking (the yellow star at the bottom-left of your screens). *The overall ranking is based on weighted rankings per vulnerability theme.* The yellow star at the bottom-left of your screens is the Ward's overall ranking – joint 17th **least** vulnerable - out of the 19 Wards in Aberdeenshire. or to put it another way – the 2nd most vulnerable Ward in Aberdeenshire.

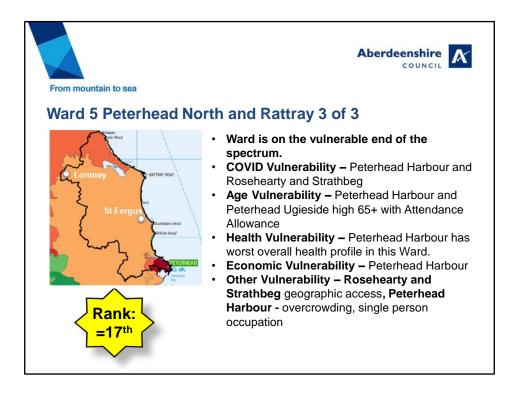


In terms of the two national COVID studies, for example, Peterhead North and Rattray is the fifth most vulnerable in Aberdeenshire. According to the ScotPHO study, which places an emphasis on health-related indicators, Peterhead harbour is the most vulnerable area in this Ward – and among the most vulnerable in Aberdeenshire. Indeed, it is among the top 20% most vulnerable in Scotland on a population-weighted basis. Rosehearty and Strathbeg is 14th out of 59 IZs. Peterhead Harbour and Peterhead Ugieside also score high on vulnerability in terms of the British Red Cross study of COVID vulnerability, suggesting factors other than health affect vulnerability of residents in the area. **Peterhead Harbour and Rosehearty and Strathbeg are most vulnerable**.

In terms of demographics and age-related vulnerability, Peterhead North and Rattray is the 7th most vulnerable ward situated behind Peterhead South and Cruden (3rd). **Peterhead Harbour would be considered the most vulnerable area** in this particular Ward. This is due to the fact that the area is home to a higher-than-average proportion of people aged 65 and over with underlying health conditions (i.e. those in receipt of Attendance Allowance benefits) – 12.5% versus average 8.2%, but a lower than average population aged 65 and over. Peterhead Ugieside has a relatively high proportions 65+ and a slightly smaller %+ with AA entitlement making it the 2nd most vulnerable re age and demographics. Longside and Rattray is the least vulnerable.



The various health-related indicators used in the main report suggest health is a weakness for the area. As the rankings are weighted in favour of COVID-related deaths, the fact that the Ward accrued a total of 35 such deaths over the past few months would largely account for this. The IZ Peterhead Harbour recorded 22 COVID-related deaths since March 1st, 2020, which is one of the highest numbers in Aberdeenshire and this will have had an impact on the weighting for health. Again, the location of a care home or other institutional setting may have had some bearing on this outcome. If COVID deaths were taken out of the equation, then Peterhead Harbour arguably has the worst overall health profile in this Ward. Rosehearty and Strathbeg least vulnerable. This is due to a relatively high rate of hospitalisations for certain conditions including: Alcohol-related hospital stays, Allcause mortality among the 15-44 year olds, Deaths all ages (Rate per 100,000 pop.), Early deaths from cancer (<75) (Rate per 100,000 pop.) Early deaths from coronary heart disease (<75) (Rate per 100,000 pop.) Patients (65+) with multiple A&E hospitalisations (Rate per 100,000 pop.), Patients hospitalised with asthma (Rate per 100,000 pop.), Patients hospitalised with COPD (Rate per 100,000 pop.). The area also ranks poorly in terms of childhood development. The area is also home to a relatively large proportion of households in receipt of PIPs - 4th highest in Aberdeenshire. These help with some of the extra costs caused by long-term disability, ill-health, or terminal ill-health. In terms of economic vulnerability, this Ward is at the high end (2nd) in terms of the various indicators used to compile the rankings. There appears to be quite a large disparity, however, across the ward.



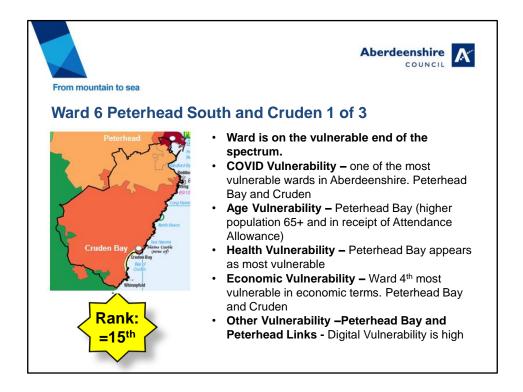
For instance, median household income in Peterhead Harbour is £22,262 - about £8k lower than the rest of the Ward. % of households earning below £20k is much 47% compared with 21.5% in Longside and Rattray. A similar disparity emerges in terms of the respective unemployment rates, the rate of change in unemployment with Peterhead Harbour the highest. Pension Credits (Mean of Weekly Award Amount)t is highest in Peterhead Harbour. Coupled with relatively high income deprivation and child poverty rates – particularly in Peterhead Harbour – it suggests that certain residents in the town may experience financial hardship to a greater degree than those elsewhere in the Ward. **Most vulnerable IZ is Peterhead Harbour.**

The 30 or so other indicators used to gauge other forms of vulnerability generally show the Ward in an unfavourable light, suggesting it is among the most vulnerable in terms of 'Other Socio-Economic Data'. The % of households without access to a car or a van is relatively high in the IZs outwith Peterhead town centre. Overcrowding is highest in Peterhead Harbour 17.9% (twice as many as any other IZ in the ward), high % flats. Single person households as a % of total households is high, private outdoor space lowest in Peterhead Harbour. Residents also have less access to a car or a van – 43.1%. However, a potential vulnerability may lie in the proportion of jobs in the retail sector, particularly in Peterhead Harbour. **Rosehearty and Strathbeg most vulnerable due to geographic access. Peterhead Harbour most vulnerable due to overcrowding, single person occupation.** Peterhead Harbour is arguably the most vulnerable area in this Ward overall.

From mountain to sea	Aberdeenshire		
Ward 6 Peterhead South and Cruden			
Peterhead Peterhead Peterhead Peterhead Peter Pe	COVID Vulnerability Spectrum (6 th most vulnerable) 63.2 Less Vulnerable 🕨	More Vulnerable	
	AGE Vulnerability Spectrum (3 rd most vulnerable) 89.5 Less Vulnerable 🕨	More Vulnerable	
	HEALTH Vulnerability Spectrum (4 th most skeerable) 89.5 Less Vulnerable 🕨	More Vulnerable	
	ECONOMIC Vulnerability Spectrum (4 th most vulnerable) 84.2 Less Vulnerable 🕨	More Vulnerable	
Rank: =15 th	OTHER SOCIAL DATA Vulnerability Spectrum (10 th mostvulnerable) 52.6 Less Vulnerable	More Vulnerable	

This is an enlarged portion of the map on an earlier slide. The settlements are shown so let you get your bearings. The map suggests the area surrounding Peterhead South and Cruden is generally among the most vulnerable in Aberdeenshire (denoted by the red and orange colours). The intermediate Zone Peterhead Bay (and to some extent Cruden), is towards the more vulnerable end of the scale – with both in the most vulnerable 15 IZs on the dozens of indicators used to comprise the two national COVID vulnerability indices.

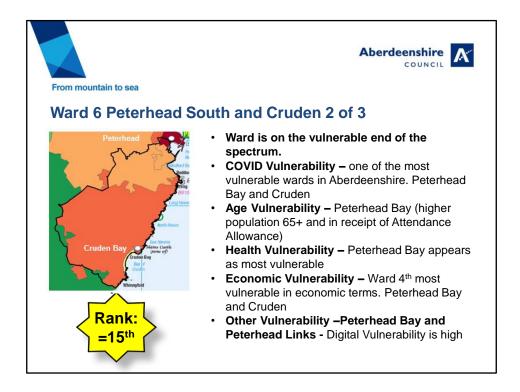
Looking at the slider graphs on the right, we can see that in all instances the black markers are more towards the right hand side of the spectrum, meaning the Ward is more vulnerable. Peterhead South and Cruden is ranked joint 15th least vulnerable Ward in Aberdeenshire when all the relevant indicators are taken into account. This is particularly the case in relation to the Age and Health themes and, to a lesser extent, the Economic theme.



In terms of the two national COVID studies, Peterhead South and Cruden is among the most vulnerable in Aberdeenshire. **Peterhead Bay and Cruden are the most vulnerable in terms of COVID vulnerability**. Cruden is most vulnerable in terms of BRC Covid vulnerabilities and Peterhead Bay in terms of ScotPHO. When combined **Peterhead Bay is most vulnerable just ahead of Cruden**. Both of these are in the most vulnerable 15 IZs on the dozens of indicators used to comprise the two national COVID vulnerability indices.

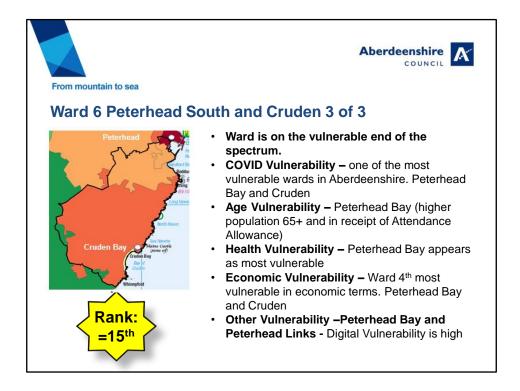
In terms of **demographics and age-related vulnerability**, the ward is the 3rd most vulnerable and **Peterhead Bay is the most vulnerable** IZ in Aberdeenshire. The Ward is generally home to a higher-average proportion of people aged 65 and over (Peterhead Bay is home to 7th highest rate in Aberdeenshire), and the highest over 65's receiving Attendance Allowance benefits, meaning a large proportion of over 65's have underlying health conditions. Rosehearty and Strathbeg has the lowest proportion of over 65's with AA - 6.8%

Most health-related indicators suggest the general population within the Ward is relatively unhealthy. In terms of COVID-related deaths, Longside and Rattray recorded 7 deaths between March 1st and August 31st 2020. The monthly proxy health indicators reinforce the general 'poor health' theme. 113 households in the Ward were in receipt of UC with Limited Work Capability - Peterhead Bay and Cruden have some of the highest rates. The same may be said of people receiving PIPs. Peterhead Bay has the third highest PIP payments, followed by Peterhead Links and Cruden, Longside and Rattray.



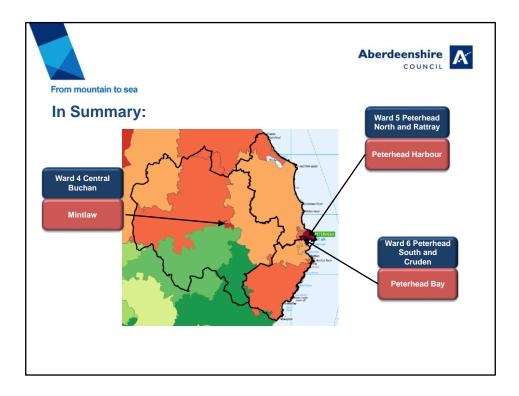
Peterhead Bay (and Longside and Rattray) have the worst overall health profile in this Ward. The area has ranked relatively poorly in the past in relation to: Alcoholrelated hospital stays (Rate per 100,000 pop.), All-cause mortality among the 15-44 year olds (Rate per 100,000 pop.), Deaths all ages (Rate per 100,000 pop.), Early deaths from cancer (<75) (Rate per 100,000 pop.), Early deaths from coronary heart disease (<75) (Rate per 100,000 pop.), Patients (65+) with multiple A&E hospitalisations (Rate per 100,000 pop.), Patients hospitalised with asthma (Rate per 100,000 pop.), Patients hospitalised with coronary heart disease (Rate per 100,000 pop.), Patients with emergency hospitalisations (Rate per 100,000 pop.). The area also ranks poorly in terms of childhood development. New Pitsligo is also home to a relatively large proportion of households in receipt of Universal Credit with Limited Work Capability and Personal Independence Payments (PIP): Cases with Entitlement as a % of 16+ population relative to the other Intermediate Zones in the Ward. This just means a health condition or disability prevents someone from working or limits the amount of work they can do. Peterhead Bay is the most vulnerable IZ in terms of health.

In terms of economic vulnerability, this Ward is 4th most vulnerable in Aberdeenshire. The proportion of households earning less than £20,000 is among the highest in Aberdeenshire, and median household income is among the lowest (5th). The proportion of pensioners in receipt of Pension Credits is the 6th highest in the region and the median amount per week is the 2nd highest by Ward suggesting pensioner poverty is an issue here.



Peterhead Bay has a high % of households earning under £20K – 42% and one of the lowest Median Household Incomes. This Ward has the 4th highest % of population who are income deprived, at an IZ level, the % of population who are deprived is high in Peterhead Bay (4th) at 14.7% and Cruden (17th) at 8.1%, Links 7.5%. (L&R is 5.5%). This Ward has 5th highest no. of householders in relative child poverty. Both Peterhead Bay and Cruden IZs are in the top 10 most vulnerable in terms of the number of Children in Low Income Families (Relative Poverty) as a Percentage of 0-19 year old population. The unemployment rate in this ward as of September 2020 is 5.4%, above the Aberdeenshire average but below the Scottish average. All the IZs in this ward rank relatively poorly in terms of the proportion of the working age population in receipt of UC payments whilst in employment. Peterhead Bay has 4th highest no of claims. People are struggling to make ends meet despite having a job.

The 30 or so socio-economic indicators used to gauge other forms of vulnerability are generally quite good. Drive times are at the lower end of the scale, bus accessibility is relatively high for this ward. As with Ward 5 the percentage of households without access to a car or van is relatively high. Numbers tend to decrease in more rural IZs. The percentage of single person households relative to total households is high as is the % of 16+ population in receipt of Housing Benefits. **Peterhead Bay and Peterhead Links** rank high due to digital vulnerability across Aberdeenshire. **Most vulnerable overall – Peterhead Bay.**



In summary

- Ward 7 Overall Vulnerability Ranks Mintlaw
- Ward 8 Overall Vulnerability Ranks Peterhead Harbour
- Ward 9 Overall Vulnerability Ranks Peterhead Bay





Additional Notes

Digital vulnerability – is not showing as a risk in any of the Kincardine and Mearns IZs. However we do know that many organisations and partners e.g. Citizens Advice Scotland found that there was a need for a rapid shift to Signposting and online delivery of support allowing them to deal with the rising numbers of requests for help and distancing measures brought in due to COVID-19. The Digital Vulnerability measure included data on: Broadband speed Buying online -Managing current accounts online -Mobile phone ownership -Internet usage -People agreeing with the statement "computers confuse me, I will never get used to them" The Loneliness Prescription Index is based on an approach developed by the Office for National Statistics' Data Science Campus, which uses GP prescription data to find areas with above-average prescriptions for five

<u>Data Science Campus</u>, which uses GP prescription data to find areas with above-average prescriptions for five conditions where loneliness has been shown to be a risk factor: Alzheimer's, depression, high blood pressure, anxiety and insomnia.

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