# Agricultural and Rural Crime in Northern Ireland

Update to 31st March 2021

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Agricultural crime has shown an overall downwards trend since the start of the data series in 2010/11.

In 12 months from 1st April 2020 to 31st March 2021:

- There were 291 agricultural crimes recorded in Northern Ireland, a fall of 24.4% on the previous 12 months and continuing the downward trend seen since 2010/11.
- 98 per cent of agriculture crime was identified as occurring in rural settlement areas.
- Agriculture crime represented 1.4 per cent of all burglary, robbery and theft offences.
- Ten policing districts showed a fall in levels of agricultural crime.





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We welcome comment and feedback on these statistics. If you would like to forward your views, receive notification of new publications or be kept informed of developments relating to PSNI statistics, please email your contact details using the email address provided on the cover page.

# 1. Things you need to know about this release

This release is produced in accordance with the pillars and principles set out in the Code of Practice for Statistics.

The Police Service of Northern Ireland (PSNI) publishes figures on the levels and trends in agricultural and rural crime in Northern Ireland. These figures are based on police recorded crime data and details of the definitions and methodology used are provided below. The statistics are collated and produced by statisticians seconded to PSNI from the Northern Ireland Statistics and Research Agency (NISRA).

This bulletin presents agricultural and urban/rural crime for the latest twelve months 1<sup>st</sup> April 2020 to 31<sup>st</sup> March 2021 (financial year 2020/21) and the previous 12 months 1<sup>st</sup> April 2019 to 31<sup>st</sup> March 2020 (financial year 2019/20).

Figures were compiled on 14<sup>th</sup> May 2021, using data extracted from the police administrative system on that date. All tables and charts in the bulletin, along with figures for financial years dating back to 2010/11 and for calendar years dating back to 2011 are available from the PSNI website in the accompanying spreadsheet.

The next update covering the 12 months to 30<sup>th</sup> June 2021 will be published on 29<sup>th</sup> July 2021. A full <u>publication</u> <u>schedule</u> is available on the PSNI website.

#### **Definitions**

Agricultural Crime: the agricultural crime figures in this bulletin represent offences of burglary, robbery and theft where the victim is involved in an agricultural-based activity. Agricultural crime covers burglary, robbery and theft offences where the property or vehicles stolen have an agricultural link (e.g. farm equipment, agricultural vehicles, livestock) or where the location was agricultural (e.g. farm, farmhouse). This information is identified from both drop down pick lists and free text searches using key agricultural-related words.

**Urban/Rural crime:** this covers all burglary, robbery and theft offences, split into these two geographical areas based on an aggregation of settlement bands. Please note that not all agricultural crime will occur in a rural settlement.

The urban/rural crime split is based on classification boundaries that are available for Northern Ireland as defined by the Planning Service, these areas being defined from Settlement Development Limits. Further details are available from the NISRA website (<a href="http://www.nisra.gov.uk/support/geography/urban-rural-classification">http://www.nisra.gov.uk/support/geography/urban-rural-classification</a>). Crimes are allocated to urban or rural by linking the available postcode information for the crime location to the Central Postcode Directory.

## **Data Revisions**

**Agricultural crime tables:** As the methodology used to identify agricultural crimes relies on data extracted from a live operational system, figures contained in the agricultural crime tables may be subject to revision. Further information is provided in the NOTES section on the last page of this bulletin.

**Urban/Rural tables:** Revisions to previously published data are applied on an annual basis to financial year crime figures from 2015/16 onwards, as a result of the introduction of the wider outcomes framework in April 2015. These revisions take account of crime cancellations and sanction outcomes identified since the previous annual publication. Revisions of this nature will next be applied in May 2022. Further guidance on crime cancellation can be found in the <a href="Home Office Counting Rules for Recorded Crime">Home Office Counting Rules for Recorded Crime</a>.

# 2. What is happening to levels of agricultural crime over the longer term?

The number of burglary, robbery and theft offences relating to agricultural-based activity has shown an overall downwards trend from 937 offences recorded in 2010/11 to 291 recorded in 2020/21. The figures for 2020/21 show a decrease of 94 when compared with 2019/20 and are less than a third of the level recorded in 2010/11. [Figure 1 and Table 1, accompanying spreadsheet]

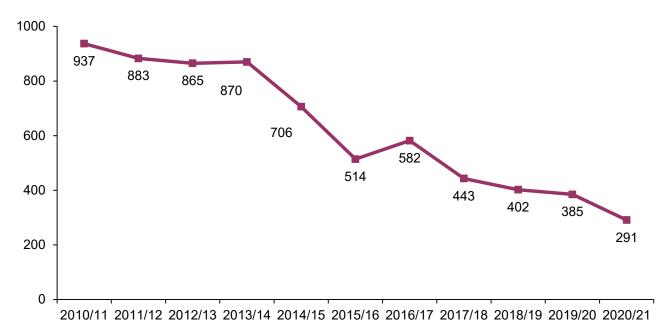


Figure 1 Trends in agricultural crime since 2010/11

Figure 2 below shows the falling levels of agriculture crime since April 2015. Lockdown measures in relation to Covid-19 were introduced on 23rd March 2020 and have had an impact on the number of crimes recorded. [Table 4, accompanying spreadsheet]

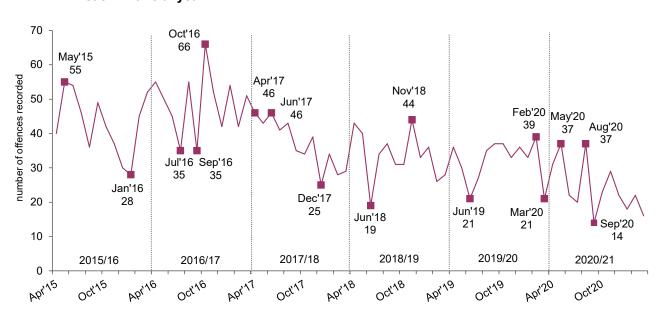


Figure 2 Agricultural crime each month April 2015 to March 2021, showing highest and lowest levels in each financial year

# 3. What has been happening to levels of agricultural crime more recently?

In 12 months from 1st April 2020 to 31st March 2021:

- There were 291 agricultural crimes recorded in Northern Ireland, a fall of 94 on the previous 12 months and continuing the downward trend seen since 2010/11. [Table 1 and Figure 1]
- 98 per cent of agriculture crime was identified as occurring in rural settlement areas. Since 2010/11 this proportion has ranged between 95 and 98 per cent<sup>1</sup>. [Table 2, accompanying spreadsheet]
- Burglary and robbery represented 30 per cent of agricultural crime, while theft represented 70 per cent.
   Since 2010/11 burglary and robbery have represented between 27 and 36 per cent of agricultural crime while theft has represented between 64 and 73 per cent. [Table 3, accompanying spreadsheet]
- Agriculture crime represented 1.4 per cent of all burglary, robbery and theft offences. This compares with 1.3 per cent during the previous 12 months. The highest proportion of 2.4 per cent was seen in 2010/11, 2012/13 and 2013/14. [Tables 1 and 5]
- The highest level of agriculture crime was seen in Armagh City, Banbridge & Craigavon (43 offences), followed by Newry, Mourne & Down (42), Fermanagh & Omagh (40), Causeway Coast & Glens (36), Mid Ulster (32), Mid & East Antrim (25) and Antrim & Newtownabbey (25). [Table 1]
- Ten of the policing districts showed a decrease in levels of agricultural crime. One policing district, Ards & North Down, showed an increase of 1. Mid Ulster had the greatest decrease (21). [Table 1]
- Lockdown measures in relation to Covid-19 were introduced on 23rd March 2020 and have had an impact on the number of burglary, robbery and theft offences recorded in Northern Ireland. A new set of lockdown restrictions were introduced on 26<sup>th</sup> December 2020. The number of agricultural crimes for each month from April 2020 to March 2021 has tended to be lower than the equivalent months in 2019 and 2020; however, figures for May, June and August 2020 were higher. The 14 agricultural crimes recorded in September is the lowest monthly figure since the data series began in 2010/11. [Table 4, accompanying spreadsheet]
- For more information on the effect of Covid-19 restrictions on recorded crime, please see the latest <u>Police</u> <u>Recorded Crime Monthly Update to 31st March 2021 bulletin.</u>

Figure 3 Agricultural crime April 2020 to March 2021

45 40 number of crimes recorded 35 30 25 20 15 10 5 May Jun Jul Sep Oct Nov Dec Jan Feb Mar Apr Aua -- Apr'19 -Mar'20 37 30 35 37 33 36 33 39 21 36 21 27 37 22 20 37 14 23 29 22 18 22 16

<sup>&</sup>lt;sup>1</sup> Urban/rural settlement figures are identified through matching the postcode of the occurrence with the Central Postcode Directory.

Table 1 Agriculture Crime (burglary, robbery and theft offences for agricultural-based activity) by Policing District

			Numbers
	Apr'19 – Mar'20	Apr'20 – Mar'21	change
Belfast City	3	0	-3
Lisburn & Castlereagh City	18	16	-2
Ards & North Down	8	9	1
Newry, Mourne & Down	57	42	-15
Armagh City, Banbridge & Craigavon	56	43	-13
Mid Ulster	53	32	-21
Fermanagh & Omagh	41	40	-1
Derry City & Strabane	31	23	-8
Causeway Coast & Glens	38	36	-2
Mid & East Antrim	43	25	-18
Antrim & Newtownabbey	37	25	-12
Northern Ireland	385	291	-94

Table 2 Agriculture Crime (burglary, robbery and theft offences for agricultural-based activity) split by Urban/Rural settlements

	Apr'19 – Mar'20	Apr'20 – Mar'21	Numbers change
Urban	17	6	-11
Rural	368	285	-83
Not known	0	0	0
Total	385	291	-94

Table 3 Agriculture Crime (burglary, robbery and theft offences for agricultural-based activity) split by type of offence

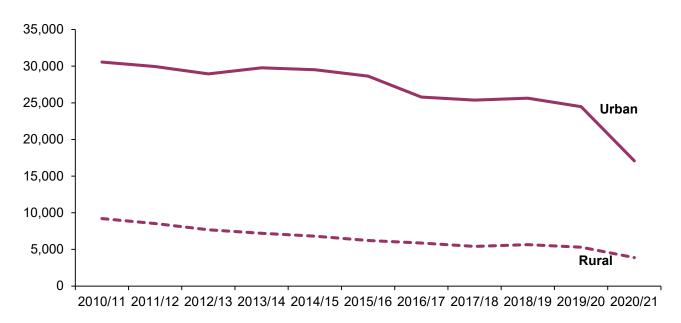
	Apr'19 – Mar'20	Apr'20 – Mar'21	Numbers change
Burglary / Robbery	139	86	-53
Theft	246	205	-41
Total	385	291	-94

## 4. What is happening to levels of urban and rural crime over the longer term?

#### Between 2010/11 and 2020/21:

- Looking at Northern Ireland as a whole, burglary, robbery and theft offences showed an overall downwards trend between 2010/11 and 2020/21, with the level recorded in 2020/21 representing a fall of 47.3 per cent when compared with 2010/11. [Table 6, accompanying spreadsheet]
- The number of burglary, robbery and theft offences in **rural settlements** fell each year between 2010/11 and 2020/21 with the exception of 2018/19. The level of 3,883 recorded in 2020/21 is a 57.8 per cent reduction on the 9,211 offences recorded in 2010/11. [Table 5, accompanying spreadsheet]
- Levels of burglary, robbery and theft offences in urban settlements have shown an overall downwards trend since 2010/11. The level of 17,085 recorded in 2020/21 shows a fall of 44.1 per cent when compared with 2010/11. [Table 6, accompanying spreadsheet]
- Between 2010/11 and 2020/21 the proportion of burglary, robbery and theft offences occurring in urban settlement areas increased from 77 per cent in 2010/11 to 81 per cent in 2020/21. Correspondingly the proportion of these offences occurring in rural settlements fell from 23 per cent in 2010/11 to 19 per cent in 2020/21. [Table 5, accompanying spreadsheet]
- For more information on the effect of Covid-19 restrictions on recorded crime, please see the latest <u>Police</u> Recorded Crime Monthly Update to 31st March 2021 bulletin.

Figure 4 Trends in burglary, robbery and theft offences by urban and rural split since 2010/11



# 5. What has been happening to levels of urban and rural crime more recently?

In 12 months from 1st April 2020 to 31st March 2021:

- In Northern Ireland as a whole, burglary, robbery and theft offences decreased by 29.6 per cent (8,808 offences). [bulletin Table 4, <u>spreadsheet</u> Table 5]
- The number of burglary, robbery and theft offences in **rural settlements** decreased by 26.7 per cent (1,415 offences). [bulletin Table 4, <u>spreadsheet</u> Table 5]
- Levels of burglary, robbery and theft offences in **urban settlements** decreased by 30.2 per cent (7,393 offences). [bulletin Table 4, spreadsheet Table 5]
- The *proportion* of burglary, robbery and theft offences occurring in urban settlement areas was 81 per cent, with the *proportion* of these offences occurring in rural settlements sitting at 19 per cent. This compares with *proportions* of 82 per cent and 18 per cent recorded during the previous 12 months. [bulletin Table 4, spreadsheet Table 5]
- The percentage of burglary, robbery and theft offences occurring in rural settlement areas was 50 per cent in Mid Ulster, 48 per cent in Fermanagh & Omagh, 42 per cent in Newry, Mourne & Down, 36 per cent in Causeway Coast & Glens, 27 per cent in Armagh City, Banbridge & Craigavon, 25 per cent in Mid & East Antrim, 22 per cent in Antrim & Newtownabbey, 21 per cent in Lisburn & Castlereagh City, 17 per cent in Derry City & Strabane and 16 per cent in Ards & North Down. The figure was less than 1 per cent in Belfast City. [bulletin Table 4, spreadsheet Table 5]

Table 4 Urban/Rural Crime (burglary, robbery and theft offences based on geographical location) by Policing District, Current and previous 12 months

						Numbers
	Urban		Rural		Total	
	Apr'19	Apr'20	Apr'19	Apr'20	Apr'19	Apr'20
	– Mar'20	– Mar'21	Mar'20	– Mar'21	– Mar'20	_ Mar'21
Belfast City	11,617	7,798	34	22	11,651	7,820
Lisburn & Castlereagh City	1,617	1,063	424	323	2,041	1,386
Ards & North Down	1,305	827	242	221	1,547	1,048
Newry, Mourne & Down	1,264	1,030	924	674	2,188	1,704
Armagh City, Banbridge & Craigavon	1,808	1,399	662	463	2,470	1,862
Mid Ulster	636	460	629	501	1,265	961
Fermanagh & Omagh	650	415	598	400	1,248	815
Derry City & Strabane	1,659	1,405	335	330	1,994	1,735
Causeway Coast & Glens	909	703	512	399	1,421	1,102
Mid & East Antrim	1,519	920	511	315	2,030	1,235
Antrim & Newtownabbey	1,494	1,065	427	235	1,921	1,300
Northern Ireland	24,478	17,085	5,298	3,883	29,776	20,968

## 6. Background notes

Like any administrative data, police recorded crime statistics are affected by the rules governing the recording of data, systems in place and operational decisions in respect of the allocation of resources. More proactive policing in a given area could lead to an increase in crimes recorded without any real change in underlying crime trends. These issues need to be taken into account when using these data.

#### **Definitions**

Agricultural crime covers burglary, robbery and theft offences where the property or vehicles stolen have an agricultural link (e.g. farm equipment, agricultural vehicles, livestock) or where the location was agricultural (e.g. farm, farmhouse). This information is identified from both drop down pick lists and free text searches using key agricultural-related words.

Urban/Rural crime covers all burglary, robbery and theft offences, split into these two geographical areas based on an aggregation of settlement bands.

Please note that not all agricultural crime will occur in a rural settlement.

#### **Data Accuracy and Revisions**

Agricultural crime figures are based on a range of information extracted from a live crime recording system and, as such, will always be subject to revision.

Within the current financial year revisions may occur because:

- There will be incidents identified as crimes but not processed on the crime recording system by the time the figures are extracted for presentation in these tables.
- Figures may change from month to month due to crimes being reclassified from one crime type to another
  during the financial year. This may be because quality checks have identified the crime as incorrectly
  classified, or further information may indicate that the circumstances surrounding the crime were not as
  initially recorded.
- The Home Office Counting Rules allow crimes initially recorded to be 'no crime'd' or removed from the crime figures.

Revisions to any records within the dataset may also occur as information in relation to property stolen, vehicles stolen and location may be updated on the live system. This may be through adding additional information or updating existing information based on more up-to-date details.

The urban/rural figures are identified through matching the available postcode to the Central Postcode Directory. Postcode accuracy and availability within the current financial year will not be of the same quality or completeness as a full financial year. This is because additional quality checks are completed at the end of each financial year to improve postcode quality and completeness. Further details are available in the <a href="User Guide to Police Recorded Crime Statistics in Northern Ireland">User Guide to Police Recorded Crime Statistics in Northern Ireland</a>.

**Annual Revisions**: Revisions to previously published data are applied on an annual basis to financial year crime figures from 2015/16 onwards, as a result of the introduction of the wider outcomes framework in April 2015. These revisions take account of crime cancellations and sanction outcomes identified since the previous annual publication. Revisions of this nature will next be applied in May 2022. Further guidance on crime cancellation can be found in the Home Office Counting Rules for Recorded Crime.

#### **Further information**

<u>Trends in Police Recorded Crime in Northern Ireland 1998/99 to 2019/20</u> was published on 20 November 2020 and provides detailed trend information covering this time period.

Further details on Police Recorded Crime statistics are available in the <u>User Guide to Police Recorded Crime Statistics in Northern Ireland</u>, and in the <u>Police Recorded Crime Statistics Quality Report</u>. These are reference guides with explanatory notes regarding the issues and classifications which are key to the production and presentation of police recorded crime statistics.

Copies of other PSNI publications are available from the PSNI website: <a href="https://www.psni.police.uk/inside-psni/Statistics/">https://www.psni.police.uk/inside-psni/Statistics/</a>