NATIONAL CONFIDENTIAL INQUIRY INTO SUICIDE AND HOMICIDE BY PEOPLE WITH MENTAL ILLNESS

ANNUAL REPORT: England and Wales

JULY 2010
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ACKNOWLEDGEMENTS

The Inquiry would like to acknowledge the assistance it has received from individuals throughout the NHS in England and Wales, the Home Office, the Ministry of Justice, Greater Manchester Police, the Office for National Statistics and personal communication from Dr. J. Kirkbride, University of Cambridge. Responsibility for the analysis and interpretation of the data provided from government offices rests with the National Confidential Inquiry into Suicide and Homicide by People with Mental Illness and not with the original data provider.

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PRESENTATION OF FINDINGS

In this report, findings for England and Wales are presented for:

• Suicide
• Homicide
• Sudden unexplained deaths.

How data are collected for these core areas of the Inquiry’s research programme can be found on our website (http://www.manchester.ac.uk/nci/methodology) and in the Inquiry’s report Avoidable Deaths 2006 (1) also available online (http://www.manchester.ac.uk/nci/reports).


The Inquiry was notified of 54,808 deaths in the general population that received a coroner’s verdict of suicide or open verdict. The verdicts were received by the Inquiry from the Office for National Statistics (ONS) (2). The Inquiry also received a dataset from Home Office Statistics of 5,806 homicide convictions in the report period (3). Of these cases, 14,249 suicides (26%) and 589 convictions for homicide (10%) were identified as patient suicides and homicides, i.e. the individual had been in contact with mental health services in the 12 months prior to death or prior to the homicide. A psychiatric report was obtained on 2,844 (49%) homicide perpetrators.

General population homicide convictions in Section 3 are provided for the period of the report as context for our data on homicides by people with mental illness. A full analysis of homicide offences recorded by police in England and Wales was published by the Home Office in January 2010 (4). For SUD, data on all patient deaths within psychiatric and learning disabilities in-patient wards in England is provided by Hospital Episode Statistics (HES) (5), previously the NHS Wide Clearing Service, and for Wales by Health Solutions Wales (HSW) (6). During the report period the number of in-patient deaths notified to the Inquiry for England was 5,022 and in Wales 547.
Data completeness for patient suicide and homicide was high overall (98%) in the report period. However, in the final year reported, dataset completeness was 87% for suicide and 97% for homicide. This reflects the period of processing from time of notification of data to the Inquiry by ONS and the Home Office to receipt of clinical data from the trust. For SUD the number of cases is small and the completeness high. In the final year of the longitudinal analyses therefore, the projected number of cases for suicide, homicide and SUD based on completeness is presented.

Projected figures for suicide are based on the average annual return of Inquiry questionnaires. For homicide, projected figures are calculated on the average annual Inquiry questionnaire return and the number of court reports obtained in previous years. For SUD projected figures are lower than the number of cases currently notified at the time of publication because some patient deaths, currently satisfying the SUD eligibility criteria, are subsequently excluded from the study following case validation using hospital records.

Stata v10 (7) was used to examine trends over time. Poisson models were fitted with the number of suicides (or homicides) per year as the outcome and year as a linear predictor. For rates, general population per year was the exposure. Within the suicide sample, the exposure was the total number of suicides per year. For each model, the likelihood-ratio test p-value and the predictor (and 95% confidence intervals) for year were examined. General population and patient rates for suicide, and Strategic Health Authority (SHA) rates for suicide and homicide are calculated using population estimates (for those aged 10 or over) as a denominator obtained from the ONS. Discrepancies may arise between Inquiry national rates and those presented by the ONS and the National Mental Health Development Unit (NMHDU) (8) due to differences in measurement described in Avoidable Deaths (1). In addition, the Mental Health Minimum Dataset (MHMDS) (9) was used to ascertain rates of suicide in those in contact with NHS mental health services in England. Rates of suicide (for England only based on clinical denominators from the MHMDS) were calculated for the years that currently overlap with Inquiry data (2004-2007) (see Section 2.2, Figure 10).

During this period there was an average of 1,148,957 people in contact with NHS mental health services in England.

The Inquiry database is not static. Changes in annual figures will occur subject to further information received from either coroners or as a result of additional court hearings, e.g. following a successful appeal against a homicide conviction.
1. CURRENT ISSUES

This section of the Annual Report explores Inquiry data on the following topical issues related to patient treatment and care:

- The increase in homicide by those with psychotic symptoms at the time of the offence
- Homicide by in-patients
- Suicide by patients aged under 25

1.1 Homicide by individuals psychotic at the time of the offence

In our previous annual report, published in July 2009, we reported an increase in the number of people convicted of homicide who were psychotic at the time of the offence (10). This increase occurred over the period 1997-2005; for example, there were 22 cases in 1997 and 48 cases in 2005. These figures refer to patients and non-patients combined. We found no increase in patient homicide.

The term “psychotic” refers to presence of symptoms such as hallucinations or delusions. The source of this information was the psychiatric reports prepared for the courts on each case. The figure in 2005 was “projected”, i.e. the number of confirmed cases was adjusted to take account of data that had not yet been submitted to us. However, the rise in psychotic cases was found whether we used confirmed or projected figures in the calculation.

In this report we have examined additional data for the period 1997–2005 for the possible explanations for this increase. We comment below on each of these explanations. However, we should emphasise that in this report we also present evidence that the increase may not be continuing (see section 3.2.2).

(i) Increasing prevalence of psychosis in the general population

- An overall rise in psychosis could increase the number of homicides by psychotic people.

- We examined recent research on the prevalence of psychosis in the UK.

- The evidence indicates that the prevalence of schizophrenia and psychosis during the report period was stable or declining (11, 12, 13).

(ii) Improved quality of psychiatric reports

- Improved quality of reports could result in greater detection of psychotic symptoms in recent years.

- Psychiatric reports were assessed to analyse whether there had been a change in the quality of the report writing over time. We also examined who had written the reports to find out whether there had been a change in expertise – for example in the number of forensic psychiatrists, general psychiatrists and non-psychiatrists.

- A total of 53 reports were reviewed on 27 perpetrators.

- The quality of a report was defined by a number of factors: 1) a comprehensive interview with the perpetrator; 2) information collected from other people or clinical records; 3) the expertise of the report writer.

- By these criteria we did not find any changes in the quality of reports over time.
(iii) Increased rate of psychosis in immigrants

- Some migrant communities have a higher rate of psychosis (14) and may be less likely or able to seek help from services after arriving in England and Wales.

- Therefore we examined the number of perpetrators of homicide with psychosis at the time of the homicide, born outside England and Wales.

- If migration was the explanation, we would expect to see a more marked increase in the number of those who had recently moved to England and Wales.

- We therefore examined cases in which migration had occurred within 5 years of homicide. The numbers were small. Over the 9 years from 1997 to 2005, 72 (24%) of those who were psychotic at the time of the offence were born outside the UK. Overall, there was no trend in the number of homicides by people with psychosis who were immigrants. We found the figures increased in recent years from 7 in 1997 to 15 in 2004 and 11 in 2005. An increase of this size does not explain the rise in homicide by people with psychosis.

- Eleven (4%) had recently migrated. There was no significant increase in this group.

(iv) Increasing number of people with a short duration of illness

- An increase in cases of sudden onset of psychosis could lead to an increase in homicide before contact with services could be made.

- We examined cases in which onset of illness began within a year of the homicide.

- We found no change over time in people who were psychotic at the time of the offence who had a short duration of illness.

(v) Increase in homicide in city populations

- Psychotic illness is more prevalent in urban areas (15). The increase in homicide by psychotic people could reflect a rise in urban homicides.

- We therefore examined the people with psychosis by urban and rural areas based on the police force where the person was charged (urban: Metropolitan, Greater Manchester, Merseyside, West Midlands and West Yorkshire police forces).

- Between 1997 and 2005 there was a significant increase in the number of homicides by people with psychosis whose offences occurred in urban areas. However, an increase was also noted in the number occurring in rural areas (Figure 1). There was no significant increase in urban psychotic homicides compared with those in rural areas.
(vi) Increase in substance use

- Substance use can cause or exacerbate psychotic symptoms.

- A reported history of drug and alcohol misuse in those with psychosis was examined.

- There was a significant increase in the number of homicides by people with psychosis who also had a history of drug misuse (Figure 2).

- Of the 174 people with psychosis and a history of drug misuse, the most frequently used drugs in the year before the offence were cannabis (106 cases), cocaine/crack cocaine (41 cases) and amphetamines (35 cases).

- There was also a significant increase in the number of homicides by people with psychosis who also had a history of alcohol misuse (Figure 2).

- The rise in cases in which there was drug misuse, and less obviously in cases with alcohol misuse, is of the same order as the total rise in homicides by people with psychosis (around 20 cases annually).
Conclusion:
On the basis of our data, the likeliest explanation for the rise in homicide by people with psychosis is the use of drugs and/or alcohol. However, we can not demonstrate cause and effect, and the association could be incidental.

Figure 2: Number of homicides by people with psychosis and a history of drug and alcohol misuse, by year of conviction
1.2 Homicide by in-patients

- Twenty-six perpetrators were in-patients at the time of the offence between 1997 and 2006.
- Sixteen had schizophrenia, 4 had affective disorder, 3 had personality disorder, 1 had drug dependence, 1 adjustment disorder and 1 organic disorder.
- Twenty perpetrators were in-patients on a general psychiatry open ward, 4 were patients on a psychiatric intensive ward, 1 on a rehabilitation unit, and 1 unknown.
- Six homicides occurred on the hospital ward, 1 in the grounds and the remainder (19 homicides) at some distance away. Of the 19 homicides that occurred off the ward, 4 of the perpetrators were off the ward without staff agreement, and another 5 had staff agreement to leave the ward but did not return, 7 had agreed leave, 3 unknown.
- Eight homicides occurred in the period of discharge planning.
- Nine victims were family members or current or former spouse/partners of the perpetrators, 11 were friends or acquaintances, 4 were strangers. The relationship was unknown in 2 cases.
- Eight perpetrators had previous convictions for violent offences. In 2 cases the convictions had not been documented in the case notes. In 5 cases, there had been an assault either on a fellow patient (2 cases), staff member (2 cases) and a stranger (1 case) within the same admission.
- At the time of the homicide 9 perpetrators had been detained under the Mental Health Act, 5 for assessment, 4 for treatment. Sixteen were informal admissions, (1 unknown).

Conclusion

There were 2-3 homicides by in-patients per year. These were mainly patients with schizophrenia. The patients were frequently off the ward, often without staff agreement.

Prevention measures include:

- reduce absconding, i.e. through better understanding of factors on the ward that trigger absconding and ward design more generally (1,10)
- comprehensive assessment of risk particularly where there has been a history of previous violence.
1.3 Suicide by patients aged under 25

- In the years 1997-2007, there were 1,128 patient suicides among people under 25 years, 8% of the total sample. 289 (26%) were aged between 10 and 19, and 839 (74%) between 20 and 24.

- There has been a significant downward trend in the number of patient suicides aged under 25 since 1997 (Figure 3). The fall in patient suicides in this age-group (57%) has been greater than the fall in the equivalent age-group in the general population (39%).

- The magnitude of the fall was greater in the 20–24 year olds than that of the 10–19 year olds.

- The proportion of under 25 year olds who died by suicide and who had been in contact with services has remained stable over the study period at approximately 20%.

- The number of suicides in young patients with a short duration of illness (<1 year) has also fallen during the study period (13%), but not to the same degree as the total number of young patient suicides.

**Conclusion**

The number of suicide deaths in younger patients has fallen substantially and this fall is greater than the equivalent fall in the general population.
2. SUICIDE

2.1 Suicide in the general population

- There has been a fall in the number and rate of suicides and this fall is seen in both males and females (Table 1; Figure 4).

- Rates have fallen in all age-groups particularly in those aged under 25 and 25-44 (Figure 5).

2.1.1 Variation in suicide by Strategic Health Authority (SHA)

- There was some variation in suicide rates by SHA (2005-2007). The highest rate of suicide was in the North West, at 10.7 per 100,000 population, and the lowest in South Central, at 8.3 per 100,000 population (Figure 6).

- The rate of suicide within each SHA has decreased over the report period. The greatest fall in the rate of suicide was seen in London, the North East and Yorkshire and the Humber (Figure 7). East Midlands, the South West and the East of England showed the smallest fall.

Table 1: Number of suicides in the general population by year and sex

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Figure 4: Rates of general population suicide per 100,000 by year and sex

Figure 5: Rates of general population suicide per 100,000 by year and age-group
Figure 6: Rates of suicide by Strategic Health Authority of residence at the time of death (average rate 2005–2007)

- North West: 10.7
- Yorkshire & the Humber: 9.3
- East Midlands: 9.5
- East of England: 8.9
- London: 9.8
- South West: 9.5
- South Central: 9.0
- South East Coast: 8.9
- West Midlands: 8.3
- South East: 9.0
- North East: 9.9

Rate per 100,000 population by SHA:
- > 9.5
- 9.0-9.5
- < 9.0

Figure 7: Change in the rate of suicide from 1997–1999 to 2005–2007 by Strategic Health Authority

- North West: -26%
- Yorkshire & the Humber: -23%
- North East: -26%
- West Midlands: -22%
- South West: -26%
- East Midlands: -13%
- South East: -18%
- London: -15%
- East of England: -18%
- South Central: -27%
- South East Coast: -27%
- West Midlands: -22%
- North East: -26%
2.1.2 Method of suicide

- The most common methods of suicide were hanging/strangulation, self-poisoning (overdose) and jumping/multiple injuries.

- The frequency of methods differed between the sexes: in males the commonest methods were hanging/strangulation, self-poisoning and jumping/multiple injuries; in females, self-poisoning was the commonest method, followed by hanging/strangulation.

- Over the report period, there have been changes in method of suicide (Figure 8). Suicide deaths by hanging and cutting/stabbing have increased, whilst deaths by self-poisoning, carbon monoxide (CO) poisoning, drowning and firearms have decreased. Figures for jumping and burning have remained stable.
2.2 Patient suicides

2.2.1 Patient suicide: numbers and rates

- During 1997-2007, 14,249 suicides (26% of general population suicides) were identified as patient suicides, i.e. the person had been in contact with mental health services in the 12 months prior to death.

- There has been a significant decrease in the rate of patient suicide using a general population denominator (Table 2; Figure 9).

- There has been a significant decrease in the rate of suicide between 2004-2007 when patient numbers rather than general population figures are used as the denominator (Figure 10).

- With respect to age, the number of patient suicides have decreased in those aged 44 and younger, but have increased in those aged 45-64 (Figure 11), the peak year being 2005.

2.2.2 Method of suicide by patients

- The most common methods of suicide by patients were hanging/strangulation, self-poisoning and jumping/multiple injuries.

- The number of deaths by self-poisoning and carbon monoxide poisoning has decreased (Figure 12). An upward trend has occurred in hanging, jumping, and cutting/stabbing. Figures for drowning, firearms and burning have remained stable.

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Statistical note: Patient suicides projected for 2007
Figure 9: Rates of patient suicide per 100,000 general population by year and sex

Figure 10: Rates of suicide per 100,000 mental health service users (England only, 2004-2007)
Figure 11: Number of patient suicides by year and age-group

Figure 12: Patient suicides: cause of death by year
2.3 In-patient suicide

- Since 1997, there has been a 46% fall in the number of in-patients dying by suicide. A reduction in the rate of in-patient suicide has previously been found (16) (i.e. taking into account admission figures).

- The number of patients who died on the ward by hanging/strangulation has fallen by 69% (Figure 13).

- For 2007 there have been just 15 confirmed hanging deaths on psychiatric wards (we estimated that this figure will rise to 17 once data collection is complete – see Figure 13). The ligature points in 11 of these related to doors, windows or hooks/handles; in 6 cases a belt was used as the ligature.

![Figure 13: Number of psychiatric in-patients who died by suicide; number of in-patients who died by hanging/strangulation on the ward](image-url)
2.4 Diagnosis

- The primary psychiatric diagnoses for patients are shown in Figure 14.
- The numbers of patients with schizophrenia, alcohol dependence, drug dependence or personality disorder have decreased over the study period. The number with affective disorder has remained stable, whilst the number of patients with other diagnoses, particularly adjustment disorder, has increased.

**Conclusion**

The number of suicide deaths in mental health patients is falling and this fall is particularly evident in in-patients. These falls are greater than those in the general population. Suicide by hanging on the ward has fallen markedly. Suicide in patients aged 45-64 is increasing in frequency.
3. HOMICIDE

3.1 Homicide in the general population

- The number of general population homicide convictions is shown in Figure 15. These figures are provided as context for our data on homicides by people with mental illness. More recent homicide statistics are published by the Home Office (4).

- The most common method of homicide is the use of a sharp instrument (Figure 16).
Figure 16: General population homicides: method of homicide by year of conviction
3.1.1 Variation in homicide by Strategic Health Authority (SHA)

- In the most recent 3 year period (2004–2006), the highest rate of homicide was in London, and the lowest in East of England (Figure 17).

- Six SHAs experienced a rise in homicide from 1997–1999 to 2004–2006. The largest rise was in London (Figure 18).

Statistical note: Strategic Health Authority areas were unknown in 358 (6%) of homicides.
Figure 18: Change in the rate of perpetrators convicted of homicide from 1997–1999 to 2004–2006 by Strategic Health Authority.
3.2 Homicide by the mentally ill in the general population

3.2.1 Homicide with a lifetime primary diagnosis of schizophrenia

- There has been an overall rise in the number of homicides by people with schizophrenia over the report period (Figure 19).

- Data for the most recent years suggest this may not be continuing, as there has been a fall in the number of cases in the last 2 years.

- However, the figure for 2006 is an estimate in which the number of confirmed cases is adjusted to take account of late data. It is therefore too early to confirm a recent decrease.

Figure 19: Perpetrators with a primary diagnosis of schizophrenia (lifetime history), by year of conviction
3.2.2 Perpetrators known to be mentally ill at the time of homicide

- We previously reported a rise in homicides by people with symptoms of mental illness and symptoms of psychosis (see section 1.1).

- Our most recent data suggest that these increases may not be continuing (Figure 20).

- The figures for 2006 are estimates in which the number of confirmed cases are adjusted to take account of late data. It is therefore too early to confirm a recent decrease.

Figure 20: Perpetrators with mental illness at the time of the offence, by year of conviction (based upon all cases of homicide with a psychiatric report available)
3.3 Patient homicides

- During 1997-2006, 589 people convicted of homicide (10% of all those convicted) were identified as patients, i.e. the person had been in contact with mental health services in the 12 months prior to the offence.

- Although numbers are higher in recent years (2003-2006) there is no significant overall increase in the number of patient homicides over the time period of the study (Figure 21).

- The number of cases in each age-group has fluctuated. There has been an upward trend in homicide by patients aged 25 to 44 (Figure 22).
Figure 22: Number of patient homicides by age-group of perpetrator, by year of conviction
3.3.1 Relationship of victim to perpetrator: patient homicide cases

- The relationship of victim to perpetrator is shown in Figure 23.

- The commonest victims for male patients were acquaintances whereas females most commonly killed family members or spouse/partners.

- The figures fluctuated with no significant changes over the time period of the study.

3.3.2 Diagnosis

- Schizophrenia remains the commonest diagnosis (Figure 24).

- There was an increase in the number of homicides by patients with schizophrenia.
Figure 24: Primary psychiatric diagnoses of patients from questionnaires and court reports, by year of conviction

Conclusion

The previously reported rise in homicide by people with mental illness, and by people with schizophrenia specifically, may not be continuing.

However, it is too early to confirm a downward trend in these figures.

There was no overall rise in patient homicides but increases in sub-groups (patients aged 25-44 and patients with schizophrenia).

Figures for schizophrenia need further monitoring before trends can be understood. There has been a possible recent fall in homicides by people with schizophrenia, but a higher proportion are patients.
4. SUDDEN UNEXPLAINED DEATH IN PSYCHIATRIC IN-PATIENTS

4.1 Sudden unexplained death by in-patients in England and Wales

A change of data provider for this study and associated delays mean that the data for 2007 are incomplete. The figures for the final year have been projected (assuming that the proportion of all deaths which are SUD in 2007 is the same as the proportion in 2006) and should therefore be regarded as provisional (Figure 25).

Figure 25: Number of sudden unexplained death by year and sex

Note: Data collection began 1st March 1999.
4.2 Sudden unexplained death and patient ethnicity

- SUD in patients from Black and Minority Ethnic (BME) groups shows no clear pattern over time (Table 3). The number of cases has varied from 1-6 per year.
- The number of post-restraint deaths has varied from 1-4 per year (Table 4). Of the total 16 post-restraint deaths, 2 were patients from a BME group.
- We do not know whether restraint caused these deaths.
- These data represent actual (not projected) numbers.

Table 3: Number of sudden unexplained death by year and ethnicity

<table>
<thead>
<tr>
<th>Year</th>
<th>White</th>
<th>Black and Minority Ethnic</th>
<th>Unknown ethnicity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1999</td>
<td>33</td>
<td>4</td>
<td>0</td>
</tr>
<tr>
<td>2000</td>
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<td>1</td>
<td>1</td>
</tr>
<tr>
<td>2001</td>
<td>25</td>
<td>5</td>
<td>0</td>
</tr>
<tr>
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<td>36</td>
<td>6</td>
<td>2</td>
</tr>
<tr>
<td>2003</td>
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<td>6</td>
<td>1</td>
</tr>
<tr>
<td>2005</td>
<td>38</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>2006</td>
<td>49</td>
<td>6</td>
<td>0</td>
</tr>
<tr>
<td>2007</td>
<td>23</td>
<td>3</td>
<td>1</td>
</tr>
</tbody>
</table>

Note: Data collection began 1st March 1999.

Table 4: Number of all deaths within 24 hours of restraint by year and ethnicity

<table>
<thead>
<tr>
<th>Year</th>
<th>White</th>
<th>Black and Minority Ethnic</th>
<th>Unknown ethnicity</th>
</tr>
</thead>
<tbody>
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<td>1</td>
<td>0</td>
</tr>
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<td>0</td>
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<tr>
<td>2004</td>
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<td>0</td>
</tr>
<tr>
<td>2007</td>
<td>2</td>
<td>0</td>
<td>1</td>
</tr>
</tbody>
</table>

Conclusion

There continue to be approximately 40 sudden unexplained deaths per year on psychiatric in-patient wards. There are no clear trends with respect to ethnicity or restraint deaths.
5. UPDATE ON INQUIRY RESEARCH PROJECTS

5.1 Projects funded by the National Patient Safety Agency

5.1.1 Serious violence by people in the care of services

Study focus: An extension to the homicide inquiry, this study is examining a national sample of people convicted for serious violent offences (including attempted murder, malicious wounding) who have had contact with mental health services. This study will provide information on the characteristics and service contact of patients committing serious violent offences. The aims are to:

• establish the prevalence of mental health service contact in those committing serious violent offences

• examine the social and clinical characteristics of those with a history of contact with psychiatric services.

Data collection for this study is completed and analysis is underway. Findings will be reported in future Inquiry publications.

5.1.2 People with mental ill health who are victims of homicide

Study focus: The relationship between mental illness and being a victim of homicide has not been researched comprehensively. The aims are to:

• estimate the number of people under mental health care who are victims of homicide

• identify the clinical and socio-demographic characteristics of the victims and their care from services.

Data collection for this study is completed and analysis is underway. Findings will be reported in future Inquiry publications.

5.1.3 The aetiology of in-patient suicide

Study focus: This project is studying the antecedents of suicide in three sub-groups of psychiatric in-patients: absconders, patients on agreed leave, and patients under non-routine observation. On completion this study will help to inform suicide prevention strategies specific to the psychiatric in-patient setting and help to reduce the incidence of suicide among this patient population. The aim is to:

• identify the socio-demographic features, clinical characteristics and care variables for patients in each of the sub-groups.

Data collection for this study is completed and analysis is underway. Findings will be reported in future Inquiry publications.
5.2 Projects funded from external sources

5.2.1 Filicide: A Literature Review
(Funded by the Department of Health, Social Services and Public Safety Northern Ireland)

We have completed a review of research on filicide in the United Kingdom and internationally to identify any issues relevant to mental health and social care, and to raise awareness of any potential links between parental mental health disorders and filicide. The report is available online via the Inquiry’s website (17).

5.2.2 Bipolar study
(Funded by NHS National Institute for Health Research)

Bipolar disorder is associated with a particularly high risk of self harm and suicide. This project aims to understand the risk of suicide in bipolar disorder by exploring demographic, clinical and management-related risk factors for suicidal behaviour and how these different risk factors link together in episodes of self harm or suicide. We will review existing data held by the National Confidential Inquiry and Manchester Self Harm project and undertake a series of in depth interviews with individuals with bipolar disorder who have made medically serious suicide attempts, and the relatives of individuals with bipolar disorder who died by suicide.
6. RECENT REPORTS AND PAPERS FROM THE INQUIRY

For a full list of Inquiry reports and publications see the Inquiry website (http://www.manchester.ac.uk/nci - Inquiry publications).


7. REFERENCES

1. Avoidable Deaths: Five year report of the National Confidential Inquiry into Suicide and Homicide by People with Mental Illness (2006). Online: http://www.medicine.manchester.ac.uk/psychiatry/research/suicide/prevention/nci/inquiry_reports


17 Filicide: A Literature Review. Online http://www.medicine.manchester.ac.uk/psychiatry/research/suicide/prevention/reports/filicide_a_literature_review.pdf
FUNDING

The Inquiry in England and Wales is funded by:

NHS
National Patient Safety Agency

Additional funding is received from:

The Scottish Government

Department of Health, Social Services and Public Safety
www.dhsspsni.gov.uk