Baton Rouge Police Department

2020 UCR Year End Summary

Prepared By: Jamie Nolen, BRPD Crime Statistician
### 2019–2020 UCR Comparison

#### UCR Year to Date

<table>
<thead>
<tr>
<th>Offense</th>
<th>2019</th>
<th>2020</th>
<th># Change</th>
<th>% Change</th>
<th>2019</th>
<th>Rate</th>
<th>2020</th>
<th>Rate</th>
<th># Change</th>
<th>% Change</th>
<th>Group II</th>
<th>Difference</th>
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<tbody>
<tr>
<td>Homicide</td>
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<td>101</td>
<td>32</td>
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<td>37</td>
<td>53.62</td>
<td>63</td>
<td>56.25</td>
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<tr>
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<td>4</td>
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<td>0.00</td>
<td>4</td>
<td>100.00</td>
<td>4</td>
<td>100.00</td>
<td>0</td>
<td>*</td>
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<td>100.00</td>
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<tr>
<td>Forcible Rape</td>
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<td>55</td>
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<td>5.77</td>
<td>18</td>
<td>34.62</td>
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<td>-29.15</td>
<td>136</td>
<td>21.09</td>
<td>136</td>
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<td>10.54</td>
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<tr>
<td>Motor Vehicle Theft</td>
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<td>828</td>
<td>29</td>
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<td>Arson</td>
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<td>15.79</td>
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<td>13.70</td>
<td>-1</td>
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<td><strong>Totals</strong></td>
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<td>12816</td>
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<td>13.48</td>
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<td>-0.10</td>
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<td>-5.87</td>
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#### Violent Crime

<table>
<thead>
<tr>
<th>2019</th>
<th>2020</th>
<th>% Change</th>
<th>2019</th>
<th>2020</th>
<th>% Change</th>
<th>Group II</th>
<th>Difference</th>
</tr>
</thead>
<tbody>
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<td>2069</td>
<td>2090</td>
<td>1.01</td>
<td>557</td>
<td>26.92</td>
<td>-1</td>
<td>43.3</td>
<td>-16.70</td>
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#### Property Crime

<table>
<thead>
<tr>
<th>2019</th>
<th>2020</th>
<th>% Change</th>
<th>2019</th>
<th>2020</th>
<th>% Change</th>
<th>Group II</th>
<th>Difference</th>
</tr>
</thead>
<tbody>
<tr>
<td>11806</td>
<td>10726</td>
<td>-9.15</td>
<td>1328</td>
<td>11.25</td>
<td>-156</td>
<td>15.4</td>
<td>-4.47</td>
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</table>
Overall UCR reportable crime has decreased by 7.63% in 2020 when compared to 2019.

The UCR clearance rate has decreased from 13.59% in 2019 to 13.48% in 2020 (-0.10%). The BRPD clearance rate is below the Group II average clearance rate of 19.35% by 5.87%.

**Changes in UCR offenses and clearances**

- The changes in crime categories were:
  - 21 more violent crimes (+1.01% change)
  - 1080 fewer property crimes (-9.15% decrease)
  - 1059 fewer total offenses (-7.63% decrease)

- The changes in clearances were:
  - 1 fewer violent offense cleared - Clearance rate decreased from 26.92% to 26.60% (-0.32% decrease)
  - 156 fewer property crimes cleared - Clearance rate decreased from 11.25% to 10.93% (-0.32% decrease)
  - 157 fewer total offenses cleared - Clearance rate decreased from 13.59% to 13.48% (-0.10% decrease)
UCR Total Offense Trend

TOTAL OFFENSE W/O UNFOUNDED

Jan-08  |  MAY  |  JUL  |  AUG  |  SEP  |  OCT  |  Nov  |  DEC  |  Jan-09  |  MAY  |  JUL  |  AUG  |  SEP  |  OCT  |  Nov  |  DEC  |  Jan-10  |  MAY  |  JUL  |  AUG  |  SEP  |  OCT  |  Nov  |  DEC  |  Jan-11  |  MAY  |  JUL  |  AUG  |  SEP  |  OCT  |  Nov  |  DEC  |  Jan-12  |  MAY  |  JUL  |  AUG  |  SEP  |  OCT  |  Nov  |  DEC  |  Jan-13  |  MAY  |  JUL  |  AUG  |  SEP  |  OCT  |  Nov  |  DEC  |  Jan-14  |  MAY  |  JUL  |  AUG  |  SEP  |  OCT  |  Nov  |  DEC  |  Jan-15  |  MAY  |  JUL  |  AUG  |  SEP  |  OCT  |  Nov  |  DEC  |  Jan-16  |  MAY  |  JUL  |  AUG  |  SEP  |  OCT  |  Nov  |  DEC  |  Jan-17  |  MAY  |  JUL  |  AUG  |  SEP  |  OCT  |  Nov  |  DEC  |  Jan-18  |  MAY  |  JUL  |  AUG  |  SEP  |  OCT  |  Nov  |  DEC  |  Jan-19  |  MAY  |  JUL  |  AUG  |  SEP  |  OCT  |  Nov  |  DEC  |  Jan-20  |  MAY  |  JUL  |  AUG  |  SEP  |  OCT  |  Nov  |  DEC

- Total Offense
- Total Cleared
- 12-Month Moving Average (Total Offense)
Quarterly Trend

Total UCR Offense By Quarter

2006 to Date
UCR Clearances

- In 2020, the UCR clearance rate of 13.48% was below the latest Group II average of 19.35% by 5.87%.

- In 2020, 8 of the 12 monthly averages were at or below the clearance rate trend line. Our clearance rates had taken a downward turn in 2018, started flattening out in 2019 and began decreasing again in 2020.
UCR Total Monthly Comparisons
Clearance Rates

Total UCR Clearance Rate

- JAN
- FEB
- MAR
- APRIL
- MAY
- JUNE
- JULY
- AUG
- SEPT
- OCT
- NOV
- DEC
UCR Violent Crime

- Violent crimes are defined as homicide, rape, robbery, and aggravated assault offenses.
- Violent crimes with the exception of robbery are scored by the number of victims. Robbery is scored by the offense.
- Violent crimes increased 1.01% overall in 2020 as compared to 2019.
- Violent crime categories:
  - 101 Homicides (+32, +46.38%)
  - 4 Negligent homicide (+0, +0%)
  - 9 Justifiable homicides (Do not count in reportable offenses)
  - 55 Rapes (+3, +5.77%)
  - 457 Robberies (-188, -29.15%)
  - 1473 Aggravated assaults (+174, +13.39%)
- The violent crime clearance rate decreased by 0.32% in 2020 to 26.60% from 26.92% in 2019 (1 fewer case cleared in 2020 than in 2019). The 2020 clearance rate is below the national average of 43.3% by 16.70%.
Violent Crimes Monthly Comparisons
Violent Crimes Monthly Clearance Rate Comparisons

Crimes Against Persons Clearance Rate

- JAN
- FEB
- MAR
- APRIL
- MAY
- JUNE
- JULY
- AUG
- SEPT
- OCT
- NOV
- DEC

2019
2020
Homicide

- Homicide offenses have increased from 69 in 2019 to 101 in 2020 (+32, +46.38%).
- There were 4 negligent homicides in 2020.
- There were 9 justifiable homicides in 2020.
- The homicide clearance rate was 56.25% in 2020, which is up 2.63% from the 2019 rate of 53.62%. This 2020 clearance rate is below the Group II average of 60.9% by 4.65%.
Homicide Comparisons

UCR Homicides by Month

[Bar chart showing monthly UCR homicide data from 2010 to 2020, with each month represented from January to December.]
Homicide Trend

Homicides Without Justifiable Homicides

[Graph showing trends in homicides without justifiable homicides over time with different colored lines representing various data sets.]
Rape Definition Change

• The “new” UCR definition of rape went into effect 7/1/2014

• Rape Definition is:

  Penetration, no matter how slight, of the vagina or anus with any body part or object, or oral penetration by a sex organ of another person, without the consent of the victim. This definition includes any gender victim or perpetrator. Sexual penetration means the penetration, no matter how slight, of the vagina or anus with any body part, or oral penetration by a sex organ of another person or by a sex related object. This definition also includes instances where the victim is incapable of giving consent because of temporary or permanent or physical incapacity (including due to the influence of drugs or alcohol) or because of age. Physical resistance is not required on the part of the victim to demonstrate lack of consent.

• This means most simple rapes and sexual batteries will now be classified as rapes for UCR purposes.
Forcible Rape

• The number of rapes in 2020 increased to 55. This is up from 52 in 2019 (+3, +5.77%).

• The 2020 clearance rate of 27.27% is 7.34% below the 2019 level of 34.62% and is under the national average of 30.6% by 3.33%.

• The actual number of offenses cleared in 2020 was 15, which is 3 fewer offenses cleared than in 2019 (18).
Forcible Rape

Forcible Rape Offense

Forcible Rape Clearance

[Graphs showing the number of forcible rape offenses and clearances by month for 2019 and 2020.]
Forcible Rape Trend

RAPE W/O UNFOUNDED

Rape definition change effective 7/1/2014
Robbery

- Robbery offenses decreased from 645 in 2019 to 457 in 2020, which is a decrease of 188 (-29.15%).

- The robbery clearance rate increased from 21.09% to 29.76% (+8.67%). The actual number of 2020 offenses cleared was 136 and this is the same number of offenses cleared in 2019. The 2020 clearance rate is below the national average of 29.9% by 0.14%.
Robbery

Robbery Offense

Robbery Clearance
Robbery Trend
Aggravated Assault

• Aggravated assault increased by 13.39% in 2020 when compared to 2019. The actual increase was from 1299 to 1473 (+174).

• The aggravated assault clearance rate decreased from 27.87% in 2019 to 22.95% in 2020. This clearance rate is 27.25% below the national average of 50.2%. The number of cases cleared decreased from 362 to 338 (-24).

• Simple assault is reported as a quality check to the FBI, but is not reflected in the UCR statistics as published.
Aggravated Assault

UCR Assault 4a-d

UCR Part 4a-d Assault Clearance

2019 2020
Total Assault Trend
Aggravated Assault Trend
Firearms Assault Trend
Firearms Assault Clearance

ASSAULT FIREARMPERCENT CLEARED

[Graph showing the percentage of assault firearm cases cleared over time from January 2008 to October 2020 with data points and a trend line.]
UCR Property Crime

- Property crime decreased by 9.15% in 2020 when compared to 2019. The actual number of offenses decreased from 11,806 to 10,726 (-1080).
- Property crime categories
  - 1898 Burglaries (-360, -15.94%)
  - 7854 Larcenies (-762, -8.84%)
  - 828 Motor vehicle thefts (+29, +3.63%)
  - 146 Arsons (+13, +9.77%)
- The clearance rate for 2020 is 10.93%. This rate is below the 2019 rate of 11.25% by 0.32% and below the national average of 15.4% by 4.47%. The actual number of offenses cleared is 1172, which is 156 below the 2019 count of 1328.
Property Crime

Crimes Against Property Offense

Crimes Against Property Clearance Rate
Property Crime Trend
Burglary

• There were 1898 burglaries in 2020 as compared to 2258 in 2019. This is a decrease of 360 offenses and 15.94%.

• The burglary clearance rate decreased from 14.26% in 2019 to 13.59% in 2020 (-0.67%). The actual number of cases cleared decreased from 322 to 258 (-64). The burglary clearance rate of 13.59% is above the Group II national average of 12.8% by 0.79%.
Burglary

Burglary Offense

Burglary Clearance
Burglary Trend

TOTAL BURGLARY W/O UNFOUNDED

[Graph showing trend of burglaries over time]
Burglary Trend

BURGLARY PERCENT CLEARED

Jan-08  APR  JULY  OCT  JAN  JULY  OCT
Jan-10  APR  JULY  OCT  JAN  JULY  OCT
Jan-11  APR  JULY  OCT  JAN  JULY  OCT
Jan-12  APR  JULY  OCT  JAN  JULY  OCT
Jan-13  APR  JULY  OCT  JAN  JULY  OCT
Jan-14  APR  JULY  OCT  JAN  JULY  OCT
Jan-15  APR  JULY  OCT  JAN  JULY  OCT
Jan-16  APR  JULY  OCT  JAN  JULY  OCT
Jan-17  APR  JULY  OCT  JAN  JULY  OCT
Jan-18  APR  JULY  OCT  JAN  JULY  OCT
Jan-19  APR  JULY  OCT  JAN  JULY  OCT
Jan-20  APR  JULY  OCT  JAN  JULY  OCT
Jan-21  APR  JULY  OCT  JAN  JULY  OCT
Jan-22  APR  JULY  OCT  JAN  JULY  OCT
Jan-23  APR  JULY  OCT  JAN  JULY  OCT
Jan-24  APR  JULY  OCT  JAN  JULY  OCT
Jan-25  APR  JULY  OCT  JAN  JULY  OCT
Jan-26  APR  JULY  OCT  JAN  JULY  OCT
Jan-27  APR  JULY  OCT  JAN  JULY  OCT
Jan-28  APR  JULY  OCT  JAN  JULY  OCT
Jan-29  APR  JULY  OCT  JAN  JULY  OCT
Jan-30  APR  JULY  OCT  JAN  JULY  OCT
Jan-31  APR  JULY  OCT  JAN  JULY  OCT

Larceny

• Larcenies decreased by 8.84% in 2020 when compared to 2019. The actual decrease in offenses was 8616 to 7854 (-762).

• The larceny clearance rate decreased from 10.54% to 10.49% in 2020. The clearance rate for larcenies is below the national average of 16.4% by 5.91%. The actual number of offenses cleared increased from 908 to 824 (-84).
Larceny Trend

LARCENY THEFT W/O UNFOUNDED

[Graph showing larceny trend over time with a downward trend line and fluctuating data points.]
Larceny Clearance Trend
Motor Vehicle Theft

- Motor vehicle theft offenses have increased by 3.63% in 2020 as compared to 2019. The actual number of vehicles stolen has increased from 799 to 828 (+29).
- The 2020 clearance rate for motor vehicle theft of 8.45% is below the 2019 rate of 9.64% by 1.18%. The 2020 clearance rate is 3.65% below the national average of 12.1%. The number of clearances decreased from 77 to 70 (-7).
Motor Vehicle Theft

Motor Vehicle Theft Offense

Motor Vehicle Theft Clearance

[Graphs showing Motor Vehicle Theft data for different months for 2019 and 2020]
Motor Vehicle Theft Trend
Motor Vehicle Theft Trend

MOTOR VEHICLE THEFT PERCENT CLEARED

Jan-08 APR JULY OCT Jan APR JULY OCT Jan APR JULY OCT Jan APR JULY OCT Jan APR JULY OCT Jan APR JULY OCT Jan APR JULY OCT Jan APR JULY OCT Jan APR JULY OCT Jan APR JULY OCT Jan APR JULY OCT

[Graph showing the trend of motor vehicle theft percent cleared from January 2008 to January 2020 with specific months labeled and a line indicating the theft percent cleared over time.]
Arson

• Arson offenses have increased by 9.77% in 2020 when compared to 2019. The actual number of offenses increased from 133 to 146 (+13).

• The arson clearance rate decreased from 15.79% in 2019 to 13.70% in 2020 (-2.09%). The number of arsons cleared increased from 21 to 20 (-1). The 2020 arson clearance rate is 12.20% below the Group II national average of 25.9%. 
The 12 month trend line for property crimes portrays the continued downward turn since early 2018 and into 2020.
Trends in UCR Violent Crime

The 12 month trend line suggests that violent crime continued to increase from late 2016 well into 2017, but has turned downward since late 2017 and has continued this trend in 2018. The pattern has been consistent since 2019 and has caused a flattening of the trend line into 2020.
The total UCR 12 month trend line has been increasing since late 2016, but has seen a slight turn downward during early to mid 2018. This downward trend has continued into 2020.
2020 Property CAD was below the 2019 levels for 8 out of 12 months.
Trends in Violent CAD

2020 Violent CAD was above the 2019 levels for all 12 months.
## UCR Crime Forecast for 2021

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<td>60</td>
<td>47</td>
<td>87</td>
<td>78</td>
<td>69</td>
<td>101</td>
<td>46.38%</td>
<td>55</td>
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<td>7</td>
<td>9</td>
<td>1</td>
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<td>52</td>
<td>55</td>
<td>5.77%</td>
<td>55</td>
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<tr>
<td>Robbery</td>
<td>808</td>
<td>824</td>
<td>868</td>
<td>727</td>
<td>645</td>
<td>457</td>
<td>-29.15%</td>
<td>800</td>
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<tr>
<td>Assault 4a-d</td>
<td>1031</td>
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<td>2377</td>
<td>2364</td>
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<td>7878</td>
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<td>Motor Vehicle Theft</td>
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<td>663</td>
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<tr>
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<td>12816</td>
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<td>13414</td>
<td>4.67%</td>
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*this forecast uses the TREND function generated by the computer*
## UCR Crime Forecast - Previous

### UCR Forecast for 2021

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<th></th>
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<th></th>
<th></th>
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<td>69</td>
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<td>46.38%</td>
<td>77</td>
<td>-23.76%</td>
</tr>
<tr>
<td>Negligent Homicide</td>
<td>7</td>
<td>9</td>
<td>1</td>
<td>3</td>
<td>4</td>
<td>4</td>
<td>0.00%</td>
<td>5</td>
<td>25.00%</td>
</tr>
<tr>
<td>Forcible Rape</td>
<td>102</td>
<td>123</td>
<td>100</td>
<td>74</td>
<td>52</td>
<td>55</td>
<td>5.77%</td>
<td>85</td>
<td>54.55%</td>
</tr>
<tr>
<td>Robbery</td>
<td>808</td>
<td>824</td>
<td>868</td>
<td>727</td>
<td>645</td>
<td>457</td>
<td>-29.15%</td>
<td>722</td>
<td>57.99%</td>
</tr>
<tr>
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<td>1280</td>
<td>1187</td>
<td>1299</td>
<td>1473</td>
<td>13.39%</td>
<td>1237</td>
<td>-16.02%</td>
</tr>
<tr>
<td>Burglary</td>
<td>2377</td>
<td>2364</td>
<td>3226</td>
<td>2686</td>
<td>2258</td>
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<td>-15.94%</td>
<td>2469</td>
<td>30.08%</td>
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<tr>
<td>Larceny</td>
<td>7371</td>
<td>6907</td>
<td>8504</td>
<td>8329</td>
<td>8616</td>
<td>7854</td>
<td>-8.84%</td>
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<td>0.98%</td>
</tr>
<tr>
<td>Motor Vehicle Theft</td>
<td>495</td>
<td>663</td>
<td>991</td>
<td>950</td>
<td>799</td>
<td>828</td>
<td>3.63%</td>
<td>788</td>
<td>-4.83%</td>
</tr>
<tr>
<td>Arson</td>
<td>141</td>
<td>129</td>
<td>166</td>
<td>153</td>
<td>133</td>
<td>146</td>
<td>9.77%</td>
<td>145</td>
<td>-0.68%</td>
</tr>
<tr>
<td>Grand Total</td>
<td>12392</td>
<td>12215</td>
<td>15223</td>
<td>14187</td>
<td>13875</td>
<td>12816</td>
<td>-7.63%</td>
<td>13459</td>
<td>5.02%</td>
</tr>
</tbody>
</table>

*this forecast method uses history averages/estimates*
The Baton Rouge crime rates have been decreasing overall since 2009, with the exception of an upturn in 2017. In 2020, we experienced a slight increase in violent crimes, while property crimes continued to decrease. However, overall, 2020 UCR reportable crime is down.

There is an estimated slight increase for 2021 in overall crime based on both prediction methods. These methods use UCR monthly histories and other category averages/estimates, as well as a computer generated prediction based on trends.

The estimate of 77 actual homicides for 2021 was predicted using the current monthly average dating back to 2001, plus the current actual homicide count through 2/15/2021. The estimate of 5 negligent homicides for 2021 is based on the average history from 2015 - 2020.

Note – A new CAD system went live October 1, 2019.

These estimates are based upon the criminals continuing to behave in the future as they have in the past.