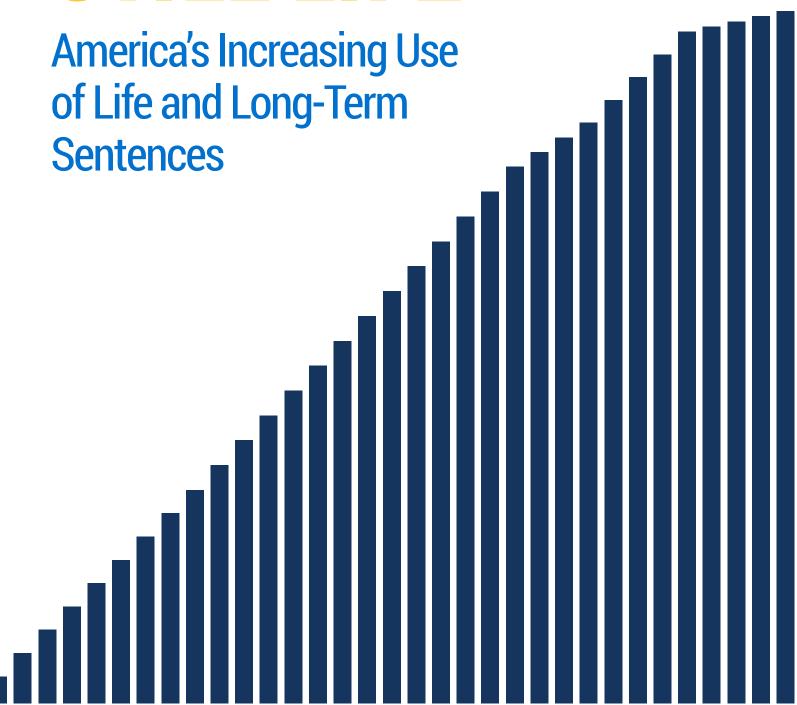
STILL LIFE







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INTRODUCTION

The number of people serving life sentences in U.S. prisons is at an all-time high. Nearly 162,000 people are serving a life sentence – one of every nine people in prison. An additional 44,311 individuals are serving "virtual life" sentences of 50 years or more. Incorporating this category of life sentence, the total population serving a life or virtual life sentence reached 206,268 in 2016. This represents 13.9 percent of the prison population, or one of every seven people behind bars. A mix of factors has led to the broad use of life sentences in the United States, placing it in stark contrast to practices in other nations.¹

Every state and the federal government allow prison sentences that are so long that death in prison is presumed. This report provides a comprehensive profile of those living in this deep end of the justice system. Our analysis provides current figures on people serving life with parole (LWP) and life without parole (LWOP) as well as a category of long-term prisoner that has not previously been quantified: those serving "virtual" or de facto life sentences. Even though virtual life sentences can extend beyond the typical lifespan, because the sentences are not legally considered life sentences, traditional counts of life-sentenced prisoners have excluded them until now.



KEY FINDINGS

- As of 2016, there were 161,957 people serving life sentences, or one of every nine people in prison.
- An additional 44,311 individuals are serving "virtual life" sentences, yielding a total population of life and virtual life sentences at 206,268 – or one of every seven people in prison.
- The pool of people serving life sentences has more than quadrupled since 1984. The increase in the LWOP population has far outpaced the changes in the LWP population.
- There are 44,311 people serving prison sentences that are 50 years or longer. In Indiana, Louisiana, and Montana, more than 11 percent of the prison population is serving a de facto life sentence.
- Nearly half (48.3%) of life and virtual life-sentenced individuals are African American, equal to one in five black prisoners overall.
- Nearly 12,000 people have been sentenced to life or virtual life for crimes committed as juveniles; of these over 2,300 were sentenced to life without parole.²
- More than 17,000 individuals with an LWP, LWOP, or virtual life sentence have been convicted of nonviolent crimes.
- The United States incarcerates people for life at a rate of 50 per 100,000, roughly equivalent to the entire incarceration rates of the Scandinavian nations of Denmark, Finland, and Sweden.³

OVERVIEW

Calls for reform to the criminal justice system have been made at the state and federal level in recent years and policy changes have been adopted in many jurisdictions. The prison population overall has stopped its upward climb and in some states, substantial declines have been documented. Between 2010 and 2015, 31 states lowered their prison population and in five states, the decline was greater than 15 percent.⁴ New Jersey has led the nation with a 35 percent decline in its prison population since 1999. Motivated by overcrowded prisons and tight budgets, policymakers in select states are reconsidering the value of a harsh criminal justice response to low-level offenses, especially

drug offenses, and passing legislation to shorten prison stays. Reforms are evident at the other end of the punishment spectrum as well, as the death penalty has been increasingly disfavored for its exorbitant cost and the possibility of wrongful conviction.

Absent from most mainstream criminal justice discussions is the reconsideration of long prison sentences.⁵ Evaluation of the appropriateness of lifelong prison

sentences is typically either omitted from policy discussions or deliberately excluded from reforms. An example lies in an Oklahoma bill introduced in January 2017 which purports to ease prison overcrowding through establishing more flexible geriatric release.6 The "Parole of Aging Prisoners Act" would afford the parole board the power to grant parole to a prisoner who is at least 50 years old and has served at least 10 years in prison or one third of his or her prison term (whichever is shorter). Eligible prisoners may request to go before the parole board "on the next available docket." However, because the bill excludes 22 separate crimes, including murder, arson, first degree burglary, aggravated robbery, and any crime that would result in sex offender registration upon release, people serving life would not qualify. In fact, analysis of data from the Oklahoma Department of Corrections concerning the number of people

who would qualify reveals that only one quarter of the prisoners who are 50 years older could become eligible for parole under this proposed law.⁷

Bills that aim to reduce prison populations but exclude whole categories of crimes illustrate the tension policymakers face between responsibly addressing prison overcrowding while appearing "tough on crime" and increasing corrections expenses. It is not "tough" to imprison people long past their proclivity or even physical ability—to commit crime; to the contrary, it is a poor use of resources that could be put toward prevention.

> Moreover, reforms that exclude those convicted of violent crimes will not have a sufficient impact on mass incarceration, as more than half of those in state prisons have been convicted of such offenses.

> Imprisonment for those who commit serious crimes can serve to protect society as well as apply an appropriate level of punishment for the offense. Indeed, public concerns about serious crime and maintaining public safety

are among the drivers of support for long prison sentences. Yet there are diminishing benefits of high levels of incarceration on public safety. A prominent reason is that the impulse to engage in crime, including violent crime, is highly correlated with age,8 and by one's early 40s even those identified as the most chronic "career criminals" have tapered off considerably.9 Lifelong imprisonment with limited or no chance for review only serves a retributive purpose and is often counterproductive for purposes of crime control.

It is not "tough" to imprison people long past their proclivity—or even physical ability—to commit crime; to the contrary, it is a poor use of resources that could be put toward prevention.

LIFE BY THE NUMBERS

Overall, 206,268 people are serving life or virtual life sentences and one quarter of them will never have an opportunity for parole. Looking at all states and the federal system combined, one in seven prisoners is serving a life or virtual life sentence.

In eight states, the proportion of state prisoners serving one of these sentences is at least one in five.

Table 1. States with Highest Rate of Life and Virtual Life Prisoners among State Prisoners

State	Number of Life and Virtual Life Prisoners	Rate of Life and Virtual Life Sentences (% of Prison Population)
Louisiana	11,238	1 in 3 (30.8%)
Utah	2,004	1 in 3 (31.3%)
California	40,691	1 in 3 (31.3%)
Alabama	6,104	1 in 4 (24.4%)
Massachusetts	2,038	1 in 4 (23.2%)
Nevada	3,237	1 in 4 (23.7%)
Maryland	4,158	1 in 5 (19.3%)
New York	9,889	1 in 5 (18.9%)

As of 2016, the life-sentenced prison population was nearly five times its size in 1984, the earliest available record of life sentences nationally. For much of the time that life sentences have been growing prison populations were also rising, although at a slower pace overall. Prison populations started to decline for the first time in four decades in 2010 and had declined by 4.8 percent by 2015.¹⁰

Crime is also at historic lows. Since its peak year in 1991, violent crime has been steadily dropping, now about half of its level in 1991. The murder rate, which peaked in 1993, is also approximately half of its level in 1993, with 4.9 murders per 100,000 residents reported in 2015. Between 2014 and 2015 there was a two percent increase in violent crime, which has caused some

politicians to predict the next major crime wave. However, it is too soon to tell whether a more serious rise in crime is on the horizon.

Despite historic crime lows and falling prison figures, the number of people serving life sentences—life without the possibility of parole sentences in particular—has continued to rise.

Within the technical category of life sentences are two classifications: life with the possibility of parole (LWP) and life without the possibility of parole (LWOP). For LWP sentences, the first opportunity for parole typically occurs after 25 or more years in prison and for LWOP, there is no chance for parole. Virtual life sentences, explained in more detail below, do not allow parole until an individual has served as much as 50 years in prison or longer.

Figure 1. Growth of Life Sentences, 1984-2016

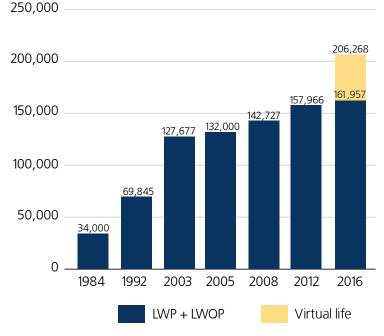


Figure 2. Comparison of Violent Crime Rate and Life Sentences, 1984-2016

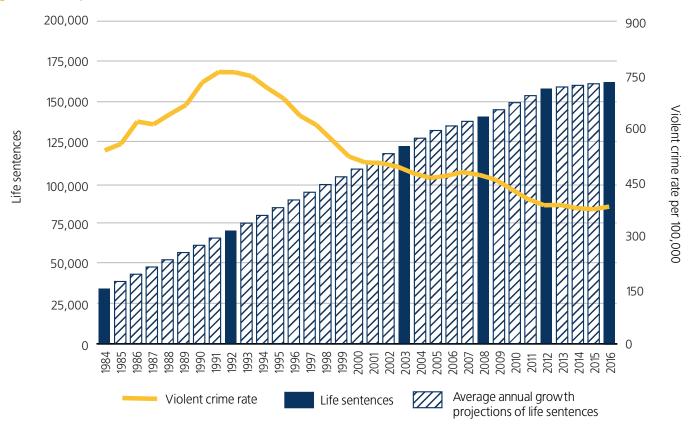
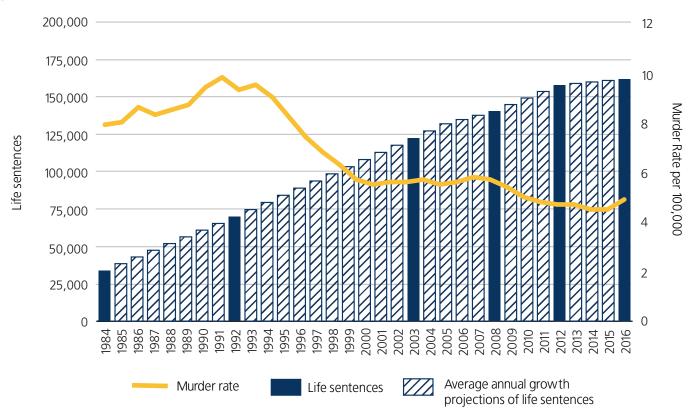


Figure 3. Comparison of Murder Rate and Life Sentences, 1984-2016



Note: Blue bars on Figure 2 and Figure 3 reflect years in which nationwide data were obtained from departments of corrections; striped bars represent an average annual growth projection between these years. Violent crime rate data were obtained from the Federal Bureau of Investigation's *Uniform Crime Report* series.

LIFE WITH PAROLE

Nearly all states allow or mandate the use of life with parole.¹² In these cases, the government maintains the right to keep an individual in prison for the remainder of his or her life, but there is the potential for release after a certain number of years. These sentences accounted for 108,667 prisoners in 2016. Some states report disproportionately large shares of prisoners serving indeterminate life sentences, the highest among which are Utah, California, New York, Nevada, and Alabama. In Utah, for instance, more than 30 percent of state prisoners are serving LWP sentences.¹³

LIFE WITHOUT PAROLE

Life-without-parole-sentences eliminate the possibility of release from prison except in the rare case of a clemency or commutation by the executive branch. There are 53,290 people serving LWOP sentences as of 2016, amounting to one of every 28 prisoners overall. Like LWP sentences, LWOP sentences have been administered disproportionately in a handful of states: combined, Florida (16.7%), Pennsylvania (10.1%), California (9.6%), Louisiana (9.1%), and the federal system (7.2%) comprise just over half (52.7%) of the nation's total LWOP population. In Delaware, Louisiana, Massachusetts, and Pennsylvania more than 10 percent of the state prison population is serving a life sentence with no chance for parole.

VIRTUAL LIFE

As previously noted, this report provides the first-ever census of virtual or de facto life sentences, a third category of life sentence which refers to a term of imprisonment that a person is unlikely to survive if carried out in full. Though not considered under the technical definition of a life sentence, there are good reasons to include prisoners serving virtual life sentences in this report's count. To date, courts have been reluctant to view extremely lengthy term-of-years sentences as equivalent to life sentences. The plaintiff from a 2010 case before the 10th Circuit Court of Appeals argued that a sentence of 750 years was equivalent to life without parole, which was not allowed under the statute for the crime he committed. The appellate court denied the claim, noting that while LWOP was not allowed, one that was functionally the same was permissible and, in this case, reasonable. 14

Long-term imprisonment that is not statutorily defined as a life sentence should be of concern to policymakers, advocates, courts, and prison administrations, all of whom have an interest in knowing the true prevalence of long-term imprisonment and the associated consequences. Establishing a cut-off for the number of years that defines a virtual life sentence is challenging, as its survivability is a factor both of the number of years one is sentenced to as well as the age of the individual at sentencing. Given that the average age of admission to prison for those convicted of serious crime is in one's mid-to-late thirties, we establish that a maximum sentence of at least 50 years before parole is equivalent to life in prison. Overall, we find there are 44,311 individuals serving such sentences.

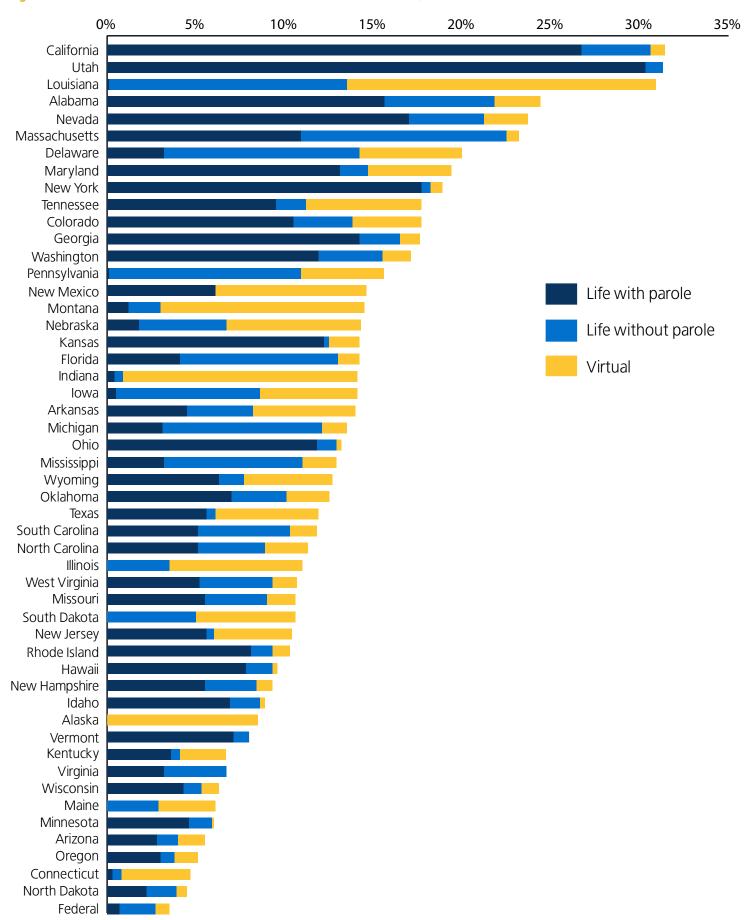
States with particularly large segments of the population serving virtual life sentences are Alaska, Indiana, Louisiana, Montana, and New Mexico, ranging from 8.5 to 17.4 percent of the state prison population. Among these states, Alaska, Indiana, and Montana are particularly noteworthy because of the disproportionately high number of virtual life sentences in comparison to LWP and LWOP sentences. Alaska receives special mention in many discussions about the use of life sentences across the nation because it is the only state in the U.S. that does not statutorily allow life sentences. However, one in 12 prisoners in Alaska has been sentenced to 50 years or more, comprising 8.5 percent of prisoners overall in the state. Likewise, Indiana imprisons relatively few people with life sentences, reflecting less than one percent of all prisoners. At the same time, there are 3,537 prisoners in the state serving virtual life, amounting to 13.5 percent of the state's overall prison population. Montana, too, imprisons a relatively small number of people for LWP or LWOP, but nearly four times as many prisoners are serving de facto life sentences.

Long-term imprisonment that is not statutorily defined as a life sentence should be of concern to policymakers, advocates, courts, and prison administrations, all of whom have an interest in knowing the true prevalence of long-term imprisonment and the associated consequences.

Table 2. State Totals: Life with Parole, Life without Parole, and Virtual Life Sentences, 2016

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State	LWP	LWOP	Virtual Life	Total	Prison Population	% of Prison Population
Alabama	3,895	1,559	650	6,104	25,037	24.4%
Alaska	0	0	400	400	4,701	8.5%
Arizona	1,181	504	624	2,309	42,685	5.4%
Arkansas	778	637	1,006	2,421	17,262	14.0%
California	34,607	5,090	994	40,691	129,805	31.3%
Colorado	2,131	667	785	3,583	20,246	17.7%
Connecticut	55	73	612	740	15,831	4.7%
Delaware	128	435	228	791	3,942	20.1%
Florida	4,086	8,919	1,161	14,166	99,938	14.2%
Georgia	7,533	1,243	601	9,377	53,169	17.6%
Hawaii	294	55	11	360	3,769	9.6%
Idaho	504	126	19	649	7,353	8.8%
Illinois	5	1,609	3,478	5,092	46,240	11.0%
Indiana	107	123	3,537	3,767	26,759	14.1%
Iowa	43	670	456	1,169	8,310	14.1%
Kansas	1,188	28	161	1,377	9,712	14.2%
Kentucky	804	111	594	1,509	22,425	6.7%
Louisiana	20	4,875	6,343	11,238	36,463	30.8%
Maine	0	64	72	136	2,243	6.1%
Maryland	2,803	338	1,017	4,158	21,442	19.4%
Massachusetts	959	1,018	61	2,038	8,795	23.2%
Michigan	1,317	3,804	590	5,711	42,406	13.5%
Minnesota	461	130	6	597	10,105	5.9%
Mississippi	595	1,470	348	2,413	18,751	12.9%
Missouri	1,767	1,144	525	3,436	32,399	10.6%
Montana	30	47	293	370	2,548	14.5%
Nebraska	96	265	408	769	5,364	14.3%
Nevada	2,329	569	339	3,237	13,662	23.7%
New Hampshire	157	83	26	266	2,867	9.3%
New Jersey	1,127	77	876	2,080	20,135	10.3%
New Mexico	442	1	608	1,051	7,194	14.6%
New York	9,260	275	354	9,889	52,344	18.9%
North Carolina	1,858	1,387	887	4,132	36,677	11.3%
North Dakota	40	30	10	4,132	1,795	4.5%
Ohio	5,955	560	170	6,685	50,443	13.3%
Oklahoma	2,021	887	682	3,590	28,946	12.4%
Oregon	434	118	185	737	14,601	5.0%
Pennsylvania	44	5,398	2,358	7,800	49,914	15.6%
Rhode Island	216	3,398	2,338	274	2,667	10.3%
South Carolina	1,094	1,117	329	2,540	21,597	11.8%
South Dakota	1,094	174	197	371	3,505	10.6%
Tennessee Texas	1,910 8,320	336 798	1,317 8,637	3,563 17,755	20,115 148,521	17.7% 12.0%
Utah	1,940	64	0	2,004	6,405	31.3%
Vermont	107	14	Not reported	121	1,508	8.0%
Virginia	1,239	1,338	Not reported	2,577	38,701	6.7%
Washington	2,052	622	279	2,953	17,211	17.2%
West Virginia	362	286	100	748	7,019	10.7%
Wisconsin	970	225	218	1,413	22,557	6.3%
Wyoming	154	35	122	311	2,440	12.7%
Federal	1,249	3,861	1,610	6,720	191,476	3.5%
Total	108,667	53,290	44,311	206,268	1,480,000	13.9%

Figure 4. Life-Sentenced Prisoners as Percent of All Prisoners, 2016



CRIME OF CONVICTION

For each group of life-sentenced prisoners, states supplied data on crime of conviction, race, ethnicity, gender, and juvenile/ adult status at the time of the offense. The following sections present the findings for each of the three life-sentenced prisoner categories.

Thirty-eight percent of people serving life or virtual life sentences have been convicted of first degree murder and an additional 20.5 percent have been convicted of second degree, third degree or some other type of murder. Approximately one third of people serving life or virtual life sentences have been convicted of other violent crimes that include rape, sexual assault, robbery, aggravated assault, or kidnapping. One in 12, or 17,120 prisoners serving life or virtual life, has been convicted of a nonviolent crime. Certain jurisdictions stand out with particularly large segments of their population serving life sentences for nonviolent crimes. In Nevada and Delaware nearly one-third (32.8% and 31.9% respectively) were convicted of a nonviolent crime. In Oklahoma, one in six people serving life or de facto life has been convicted of a nonviolent crime; in Alabama, it is one in seven and in New York one in nine.

Table 3. Crime of Conviction for LWOP, LWP, and Virtual Life-Sentenced Prisoners, 2016

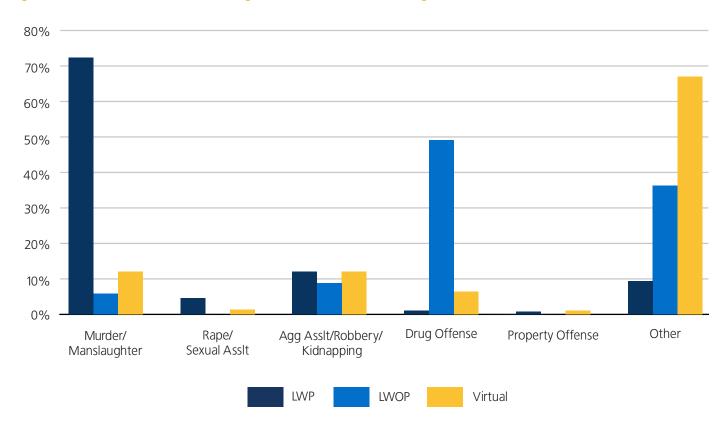
Offense	LWOP	LWP	Virtual	LWOP, LWP, Virtual	Percent
First Degree Murder	60.3	33.7	24.4	77,568	38.3%
Second Degree Murder	9.7	19.5	11.6	30,945	15.3%
Other Death	5.8	4.9	5.3	10,550	5.2%
Sexual Assault/ Rape	7.2	18.6	23.9	34,450	17.0%
Aggravated Asslt/Robbery/ Kidnaping	10.5	16.2	20.1	31,658	15.6%
Drug Offense	4.6	1.4	3.5	5,308	2.6%
Property Offense	0.7	2.8	3.0	4,732	2.3%
Other	0.9	2.8	8.2	7,080	3.5%
Total	100.0	100.0	100.0	202,291	100.0

The crime of conviction for 3,977 life or virtual life sentenced prisoners was not provided.

Conviction for second degree murder can result from a range of levels of involvement in the crime. Pennsylvania's statute, for instance, reads: "a criminal homicide constitutes murder of the second degree when it is committed while defendant was engaged as a principal or an accomplice in the perpetration of a felony."15 A murder conviction other than for first degree murder may occur when an individual was present during a felony that resulted in death but played an auxiliary role. A scenario where two individuals commit a drugstore robbery but one serves as a getaway driver—even when never entering the store—can result in a felony murder conviction if someone is killed during the robbery. Variously referred to as felony murder, law of parties, or joint venture, these cases typically involve identical punishments for all those engaged in a felony that results in a homicide even though only one person in the group committed the actual homicide. Felony murder doctrines, those which regard unintended killings during certain felonies as identical to intended killings, exist in nearly every jurisdiction.¹⁶ In some states, the death penalty can be sought in these cases as well.17

In Pennsylvania, 23 percent of the LWOP population was convicted of second degree murder. Before his release through commutation in 2016, Thurmond Berry was one of these prisoners. At the age of 29, Berry engaged in a robbery in which his accomplice killed a bystander. Because state statute requires life without parole for first and second degree murder convictions, Berry, a first-time offender, was sentenced to LWOP. Berry's case gained the attention of a group of law students who worked for his release. Their advocacy led to the commutation of his sentence by Governor Tom Wolf in 2016. Berry was 68 years old when he was released and had been in prison for nearly 40 years. 18

Figure 5. Crime of Conviction among Federal Prisoners Serving LWP, LWOP, and Virtual Life Sentences, 2016



CRIME OF CONVICTION AMONG FEDERAL LIFE-SENTENCED PRISONERS

The composition of crimes leading to a life sentence in the federal prison system is quite different from the composition at the state level. Unlike state imprisonment trends, where 15.7 percent of individuals in prison overall have been convicted of a drug offense, half (49.5%) of federal prisoners have been convicted of a drug offense. More than two-thirds of federal prisoners serving life or virtual life sentences have been convicted of nonviolent crimes, including 30 percent for a drug crime. Among those serving LWOP sentences almost half 49.1% have been convicted of a drug crime, and 103 are serving virtual life for a drug crime (6.4%). Individuals convicted of drug offenses and sentenced to life or virtual life at the state level comprise only two percent of these sentences overall.

Addressing life sentences for nonviolent drug cases was part of a bipartisan federal criminal justice reform package introduced in 2015 and believed by many reform advocates to have the political support needed to become law. Though the bill ultimately did not pass during the 114th Congressional session, it is noteworthy that reconsideration of lifelong sentences was included at all. In part to compensate for the lack of advancement of criminal justice reform in the Congress and to acknowledge

the disproportionality of life sentences for nonviolent drug offenses, President Obama granted commutations to 1,715 people in the federal prison system, one-third of who were serving mandatory life sentences with no option for parole.²¹

Two-thirds of people in federal prison serving terms of 50 years or more have a controlling offense that was classified as "other" by the Bureau of Prisons. Further examination of these prisoners revealed that 55 percent of those in this group had been convicted under 18 USC 924(c), a mandatory minimum term of imprisonment associated with having a weapon.²² The categorization of this crime as the controlling offense means that violation of USC 18 924(c) was the most serious offense. Another 18.5 percent of crimes identified as "other" related to child sexual exploitation and the transfer of pornographic images of children.

More than two-thirds of federal prisoners serving life or virtual sentences have been convicted of nonviolent crimes, including 30% for a drug crime.

GENDER

Nationwide, 6,781 women are serving life or virtual life sentences. This figure represents 3.5 percent of the overall life-sentenced population which is half their representation in the general prison population (7%).²³ All states report one or more women serving a life sentence, but two states—California and Texas—represent a considerable proportion of the national count: 19.8 percent of the country's female lifers are in California and another 9.9 percent are in Texas.

Renae Green is a Missouri prisoner who is serving indeterminate life plus 30 years for a 1989 robbery in which she held up two pharmacists while in the throes of her drug addiction. Green had endured a troubled childhood marked by abuse and neglect and she became addicted to drugs at an early age. Since her imprisonment, she has taken responsibility for her crime, maintained steady employment while in prison, fostered friendships with mentors, and secured housing if released. As it stands, however, Green's first parole hearing will not occur until 2029; she will be 74 years old.

Abuse is frequently part of the history of women who end up in prison. Research conducted by the U.S. Department of Justice has reported that between 23 and 37 percent of female state prisoners were physically abused before age 18 and one in four was sexually abused. These figures are considerably higher than reported rates of abuse among all women. This study also found that nearly half of women in state prisons had experienced abuse at some time before their arrest and that the victims of most women convicted of murder were their intimate partner or a family member.²⁴ Research finds that abuse histories are especially common for women serving life sentences compared to their male counterparts.²⁵ Our own work in this area found that while almost half of LWOP prisoners sentenced as children had suffered physical abuse (46.9%) and one in 5 suffered sexual abuse (20.5%), the prevalence was much higher among girls, 79.5% and 77.3% respectively.26

RACE AND ETHNICITY

Racial and ethnic disparities are a persistent feature of prisons. At the state level, African Americans are incarcerated at five times the rate of whites, and in some states the disparity reaches 10-to-1 or higher. Even in the states with the lowest reported racial disparity, African Americans are incarcerated at more than twice the rate of whites.²⁷

Like prison populations in general, the life and virtual life-sentenced population is disproportionately composed of people of color, representing two-thirds (67.5%) of this group nationally as of 2016. Nearly half (48.3%) of life and virtual life-sentenced prisoners are African American, and in Alabama, Georgia, Illinois, Louisiana, Maryland, Mississippi, and South Carolina two thirds or more are African American. Overall, 15.7 percent are Hispanic, with the highest percentages in New Mexico, California, Texas, and New York. Table 4 presents the racial and ethnic composition of lifers in each state and the federal system.

In many states, the racial and ethnic overrepresentation is most pronounced among people serving LWOP sentences when compared to the representation for LWP and virtual life sentences. African Americans make up two-thirds or more of the LWOP population in nine states: Alabama (68.8%), Illinois (66.9%), Georgia (75.1%), Louisiana (73.5%), Maryland (66%), Michigan (68.4%), Mississippi (70.4%), New Jersey (66.2%), and South Carolina (68.5%).

Finally, people of color comprise 65.6 percent of those serving de facto life sentences. African Americans comprise just over half of the virtual life-sentenced population (51.9%) and another 11.7 percent are Latino.²⁸ States with the greatest share of de facto life sentences being served by African Americans are Alabama (64%), Illinois (68.5%), Maryland (78.1%), Mississippi (75.6%), and South Carolina (68.4%).

Table 4. Racial and Ethnic Composition of People Serving Life and Virtual Life Sentences, 2016

State	Number of LWP, LWOP, and Virtual	Percent Black	Percent White	Percent Hispanic	Percent Other
Alabama	6,104	66.4%	33.3%	0.0%	0.2%
Alaska	400	12.8%	49.5%	2.5%	35.3%
Arizona	2,309	19.4%	43.8%	30.9%	5.8%
Arkansas	2,421	51.5%	40.2%	1.7%	6.6%
California	40,691	33.3%	20.8%	37.2%	8.6%
Colorado	3,583	22.1%	47.8%	26.4%	3.7%
Connecticut	740	53.6%	26.9%	19.3%	0.1%
Delaware	791	62.5%	34.0%	3.0%	0.5%
Florida	14,166	53.5%	35.3%	10.7%	0.5%
Georgia	9,377	70.9%	25.5%	3.1%	0.5%
Hawaii	360	5.3%	22.5%	3.1%	68.3%
Idaho	649	2.6%	76.1%	14.9%	6.3%
Illinois					
	5,092	68.0%	20.3%	11.3%	0.5%
Indiana	3,767	48.6%	47.0%	3.5%	1.0%
Iowa	1,169	25.3%	64.3%	7.8%	2.6%
Kansas	1,377	39.8%	47.8%	9.4%	3.1%
Kentucky	1,509	29.2%	67.9%	0.7%	2.2%
Louisiana	11,238	74.1%	25.2%	0.2%	0.5%
Maine	136	5.9%	86.8%	3.7%	3.7%
Maryland	4,158	75.6%	18.8%	2.1%	3.5%
Massachusetts	2,038	32.8%	43.6%	19.5%	4.2%
Michigan	5,711	65.8%	33.3%	0.0%	1.0%
Minnesota	597	37.2%	48.4%	4.2%	10.2%
Mississippi	2,413	72.4%	26.8%	0.5%	0.2%
Missouri	3,436	51.2%	46.1%	1.7%	1.0%
Montana	370	2.4%	81.6%	0.0%	15.9%
Nebraska	769	34.5%	48.9%	11.6%	5.1%
Nevada	3,237	26.8%	48.0%	19.8%	5.4%
New Hampshire	266	4.5%	86.5%	5.6%	3.4%
New Jersey	2,080	62.1%	24.2%	12.8%	0.9%
New Mexico	1,051	10.8%	35.1%	46.8%	7.2%
New York	9,889	55.8%	17.3%	24.7%	2.2%
North Carolina	4,132	59.6%	35.1%	2.1%	3.3%
North Dakota	80	8.8%	72.5%	5.0%	13.8%
Ohio	6,685	51.7%	44.5%	2.5%	1.3%
Oklahoma	3,590	34.0%	51.4%	5.3%	9.3%
Oregon	737	11.0%	75.2%	8.7%	5.2%
Pennsylvania	7,800	62.9%	27.1%	8.9%	1.0%
Rhode Island	274	33.9%	41.6%	21.5%	2.9%
South Carolina	2,540	66.3%	32.4%	0.7%	0.6%
South Dakota	371	5.7%	67.7%	3.5%	23.2%
Tennessee	3,563	54.0%	43.8%	1.7%	0.5%
Texas	17,755	40.4%	32.7%	26.1%	0.7%
Utah	2,004	6.6%	63.1%	16.3%	14.0%
Vermont	121	8.3%	86.8%	3.3%	1.7%
Virginia	2,577	62.2%	36.6%	0.7%	0.5%
Washington	2,953	17.2%	69.5%	12.8%	0.5%
West Virginia	748	14.3%	84.1%	0.5%	1.1%
Wisconsin	1,413	46.4%	41.2%	9.6%	2.8%
Wyoming	311	5.5%	73.3%	12.5%	8.7%
Federal	6,720	58.9%	20.6%	16.7%	3.8%
Total	206,268	48.3%	32.4%	15.7%	3.5%

JUVENILE STATUS

Juveniles are serving life or de facto life sentences in every state except Maine and West Virginia.²⁹ Across the country, 11,745 individuals are serving a life or virtual life sentence for crimes committed before age 18, representing 5.7 percent of the total life-sentenced population. One in every 17 life-sentenced prisoners was a juvenile at the time of his or her crime. In select states, the proportion of such individuals is remarkable: in Wisconsin, for example, one of every nine (11.1%) of those serving LWOP, LWP, or a de facto life sentence was under 18 at the time of the crime.

The U.S. Supreme Court has addressed the constitutionality of life-in-prison sentences for juveniles in three separate rulings since 2010. In 2010, the Court in *Graham v. Florida* ruled that LWOP sentences for nonhomicide convictions committed by juveniles violate the 8th Amendment clause regarding cruel and unusual punishment. In his opinion Justice Anthony Kennedy wrote that juveniles must be provided with a "meaningful opportunity for release based on demonstrated maturity and rehabilitation."³⁰

In 2012, the Court extended this line of thinking in *Miller v. Alabama*³¹ to juveniles who had been convicted of homicide offenses and mandatorily sentenced to LWOP because of a statutory requirement associated with the crime of conviction. In the majority opinion, Justice Elena Kagan wrote that mandatory life sentences preclude the consideration of mitigating age-related factors. The so-called "Miller factors" were described in the following excerpt from the opinion:

Mandatory life without parole for a juvenile precludes consideration of his chronological age and its hallmark features—among them, immaturity, impetuosity, and failure to appreciate risks and consequences. It prevents taking into account the family and home environment that surrounds him—and from which he cannot usually extricate himself—no matter how brutal or dysfunctional. It neglects the circumstances of the homicide offense, including the extent of his participation in the conduct and the way familial and peer pressures may have affected him. Indeed, it ignores that he might have been charged and convicted of a lesser offense if not for incompetencies associated with youth.

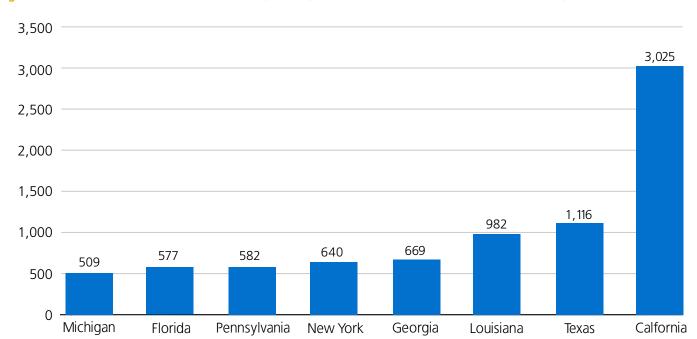


Figure 6. States with more than 500 LWP, LWOP, and Virtual Life-Sentenced Juveniles, 2016

Miller was made retroactive in 2013 through the ruling in Montgomery v. Louisiana. Since that time, sentences are slowly being converted to lesser terms and some individuals are being released from prison altogether.

In Nebraska Luigi Grayer is a beneficiary of the High Court's rulings. At age 15 Grayer committed a homicide—the result of a botched purse-snatching—and was sentenced to life in prison with no opportunity for parole. At 60 years old, he had served 45 years in prison, had suffered a stroke while incarcerated, and was confined to a wheelchair.³² He was finally granted a new sentence in the aftermath of the *Miller* ruling that allowed his release in December 2015.

California, Florida, Louisiana, Michigan and Pennsylvania have the greatest total number of JLWOP prisoners; combined these states account for 73.9 percent of the nation's JLWOP population.

Nineteen states and the District of Columbia now ban life without parole sentences for juveniles. In some states the reforms have been retroactive so that prisoners currently serving will benefit. In March 2017Arkansas became the latest state to do so, voting to replace mandatory JLWOP with the opportunity for parole occurring after 20 to 30 years in response to the *Miller* and *Montgomery* decisions. This state reform is notable because Arkansas has a relatively large number of individuals serving juvenile LWOP sentences, and 8.6 percent of all Arkansas's LWOP prisoners were juveniles at the time of the crime. Senate Bill 294 was passed as retroactive, so all 55 individuals serving the sentence stand to have an opportunity for release.

JUVENILES SERVING LIFE WITH PAROLE AND VIRTUAL LIFE SENTENCES

Aside from the 2,310 individuals who are the subject of recent court rulings, departments of corrections report an additional 7,346 *parole-eligible* life-sentenced prisoners whose crimes occurred before age 18. This population represents 6.8 percent of all reducible life-sentences nationwide. Indeterminate life sentences for juveniles are most heavily concentrated in California, Texas, New York, and Georgia. Together these states account for 63 percent of the total population of those serving LWP for crimes committed as juveniles. California alone accounts for 37 percent of the total number of juveniles serving life with parole in the U.S. with 2,717 people serving this sentence who were convicted of crimes from their youth. In some states, such as New York, children as young as 13 years old can be sentenced to mandatory terms of life with parole.³³

There are more than 7,000 parole-eligible life-sentenced prisoners whose crimes occurred before age 18.

Amelia Bird, now 27 years old, is serving two life-with-parole sentences to be served consecutively for a second-degree murder in which she was an accomplice. At age 17, she confided in her boyfriend that she had been physically and sexually abused by her brother and father. While she slept one night, her boyfriend broke into the home and shot both of Bird's parents, killing her mother and wounding her father. Bird agreed to a plea from prosecutors to avoid the threat of a death sentence; she was then sentenced to two consecutive indeterminate life sentences. Under current policy, she will not become eligible for parole until at least age 60. Bird represents the thousands of individuals who do not stand to benefit from any of the recent Supreme Court rulings because they were not sentenced to LWOP.

Apart from the 9,656 individuals serving LWP and LWOP for crimes committed as juveniles, an additional 2,089 young people have been sentenced to terms of 50 years or more in prison, or virtual life. Like trends observed in the overall life-sentenced population, life- and virtual-life sentenced youth are overwhelmingly male (98%) and the majority are people of color (80.4%) with 55.1 percent being African American.

When compared to the representation of adults serving LWOP, LWP, and virtual life, we see that youth of color comprise a considerably greater share of the total than their adult counterparts for each of the three types of life sentences. Table 5 provides a comparison by race and ethnicity between juvenile and adult status for each category of life sentence.

Table 5. Comparison of Juveniles to Adults By Race and Ethnicity

	Percent Black			Percent Nonwhite		
	LWP	LWOP	Virtual	LWP	LWOP	Virtual
Juvenile	49.9%	63.4%	64.4%	81.9%	76.8%	79.1%
Adult	42.8%	55.2%	51.3%	66.8%	68.4%	65.0%

One of every 21 virtual life-sentenced individuals was convicted of a crime committed as a juvenile. States with the highest concentrations of virtual lifers who were juveniles at the time of the crime include Washington (9.7%), Louisiana (9.5%), Kentucky (8.8%), and Florida (8.3%).

In Louisiana, a remarkable 600 young people have been sentenced to terms of at least 50 years before release. Around the U.S. nearly two-thirds (64.4%) of young people with virtual life sentences are African American; in Alabama, all but one of the 10 juvenile virtual lifers is African American; in Wisconsin 10 of the 12 juveniles sentenced to terms of 50 years or more are African American; and in South Carolina, 21 of the 22 virtual life prisoners who were juveniles are African American.

Texas, which has relatively few JLWOP prisoners,³⁴ nevertheless currently holds 449 prisoners with sentences of at least 50 years for crimes committed in their youth. More than one quarter of Texas prisoners serving virtual life for a crime in their teenage years had been convicted of aggravated assault as their primary offense.³⁵ Here, too, the sentence has disproportionately fallen on youth of color, where 80 percent are either African American or Latino.

DISCUSSION

More than 200,000 people were serving life or virtual life prison sentences as of 2016, amounting to 13.9 percent of the total prison population. The majority are male (96.7%), most are people of color (67.6%), and nearly all (91.5%) have been convicted of a violent offense.

Some striking features of this population include the more than 17,000 individuals who have been convicted of a nonviolent crime, the 12,000 people who were convicted as juveniles, and the overrepresentation of African Americans, particularly among those convicted in their teens. It is also notable that in recent years there has been a divergence between life with- and lifewithout parole sentences.

DIVERGENT TRENDS IN LIFE SENTENCES

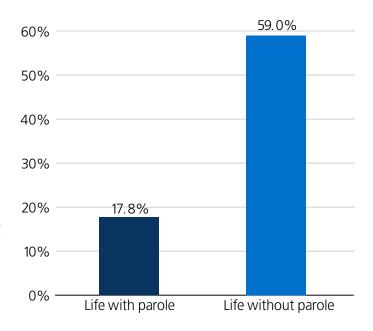
This report has described the composition of the life and virtual life-sentenced population in America's prisons as of 2016. It is helpful to place this analysis in the perspective of previous years' data to see how and where trends have changed over time. The Sentencing Project has collected data regarding the prevalence of life sentences on four occasions since 2003. This data was first published in our 2004 report, The Meaning of 'Life': Long Prison Sentences in Context. In 2008 we again asked the states and federal government to provide data on life sentences and reported the findings in our 2009 report, No Exit: The Expanding Use of Life Sentences in America. In 2012, we expanded our survey of the states and federal government to include, along with standard LWP and LWOP figures for 2012, a request for annual census data of LWP and LWOP prisoners going back to 1980. These findings were released in our 2013 report, Life Goes On: The Historic Rise in Life Sentences in America. In this section, we consider notable long-term trends in the use of life sentences that emerge from a multi-year review.

Long-Term Trends: 2003-2016

As noted in this report, U.S. prisons have steadily increased their life-sentenced population from a starting point of 127,677 in

2003 to 161,957 in 2016. The rise in LWOP has grown nearly four times as quickly as the rise in indeterminate life sentences, reflecting a 17.8 percent increase in parole-eligible life sentences compared to a 59 percent increase in LWOP between 2003 and 2016 (Figure 7). Though the pace of growth in life sentences has slowed somewhat over these years, the population of people serving life sentences has continued to rise.

Figure 7. Increase in Life with Parole and Life Without Parole Sentences, 2003-2016



Not all states are equally responsible for the rise, though all states grew their life-sentenced population to some extent. A look at states with considerable increases in life sentences shows that, regarding LWP, Colorado increased its parole-eligible life sentences from 943 to 2,131—a 126 percent rise—between 2003 and 2016. In Washington, life-with-parole sentences nearly quadrupled from a reported 529 in 2003 to 2,052 in 2016. Regarding LWOP, Wyoming increased its number of sentenced prisoners from 4 to 35 over this period, reflecting a 775 percent increase. In Ohio, the number of people serving LWOP increased from 105 to 560.

Recent Trends: 2012-2016

Looking only at the most recent period of growth, we see that nearly 3,000 more individuals are serving life sentences nationwide in 2016 compared to 2012, reflecting a 2.5 percent increase overall. Yet this increase incorporates contrasting developments: life sentences with the possibility for parole have declined slightly while life sentences without the possibility of parole have increased by 8.6 percent.

Four states, shown below, have increased the proportion of LWP and LWOP prisoners within their prison population by 15 percent or more.

Table 6. Growing Prevalence of LWOP Sentences in Select States

	Lifers as % of	Lifers as % of	
	Prison Population,	Prison Population,	Percent
State	2012	2016	Change
Maryland	11.5%	14.6%	27.0%
Massachusetts	19.4%	22.5%	16.0%
Mississippi	9.3%	11.0%	18.3%
Vermont	5.8%	8.0%	37.9%

Female Lifers Rising More Quickly

Overall, 2016 data reveal more women serving life in prison than in either 2012 or 2008.³⁶ Between 2008 and 2016, states added approximately 20,000 life sentences for men and 1,000 new life sentences for women, but the pace of change has been more rapid for women given their relatively low representation in the life-sentenced population. Overall, the pace of growth reflects a 20 percent increase in the female life-sentenced population between 2008 and 2016, compared to a rise of 15 percent for men.

Table 7. Expansion of Women Serving Life, 2008-2016

	2008	2012	2016	Percent change, 2008-2016
Women Serving LWP	3,361	3,687	3,759	11.8%
Men Serving LWP	96,154	105,201	104,908	9.1%
Women Serving LWOP	1,332	1,656	1,872	40.5%
Men Serving LWOP	39,652	47,354	51,418	29.7%
Total Women	4,693	5,343	5,631	20.0%
Total Men	135,806	152,555	156,326	15.1%

The differing pace of change may reflect more life sentences being assigned to women than in the past, and/or fewer paroles granted to women than to men serving life. If the decline in LWP is due to paroles being granted to life-sentenced prisoners, the data presented here suggest that men may be benefitting from parole release more frequently than women, particularly between 2012 and 2016; while the population of men serving life with parole declined slightly the population of women serving parole-eligible life continued to grow. The quicker pace of growth among women serving LWP and LWOP as compared to men runs parallel to prison growth patterns overall.³⁷ This is true even though women's involvement in violent crime (for which most people serving life are incarcerated) has not changed considerably.

While serious crimes, including murder, have generally declined for the past 25 years nationwide the number of lifers in prison has continued to rise.

A Closer Look at the Expansion of LWOP

Logic suggests that trends in the prison population would mirror trends in crime. Fluctuations in violent crime, particularly murder, should translate to similar trends in the prison population, especially among those serving life sentences. We would expect to see rises in murder and other violent crime associated with a greater number of people in prison. As crime rates decline, we would expect a decline in the number of people in prison, especially a decline in admissions for life without parole sentences.³⁸ In particular, we would expect that LWOP sentences would increase only with a corresponding rise in serious crime. If there was a close correlation, the unprecedented rise in life sentences should correspond to elevated levels of serious crime over roughly the same period. Yet, this is not what emerges from the LWOP data. Instead, while serious crimes, including murder, have generally declined for the past 25 years nationwide the number of lifers in prison has continued to rise.

Table 8 shows that California, Georgia, Florida, Louisiana, Pennsylvania, and Virginia all report considerable increases in their LWOP population since 2003,³⁹ despite a considerable decline in the violent crime rate in each of these states over this period.⁴⁰

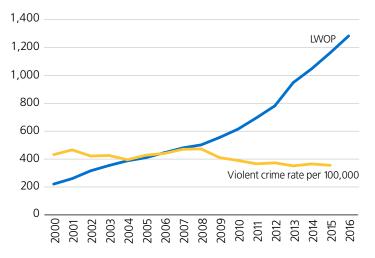
Table 8. Violent Crime and LWOP Patterns in Six States

State	Decline in Violent Crime 2003-2015	Percent Rise in LWOP 2003-2016
California	-26.4	281.6%
Florida	-36.7	99.2%
Georgia	-16.6	262.4%
Louisiana	-16.5	27.6%
Pennsylvania	-20.9	39.7%
Virginia	-29.1	506.4%

Georgia

More detailed data from Georgia illustrates the mismatch between serious crime and LWOP sentences. Despite actively working toward reducing its prison population through statewide criminal justice reforms, the Georgia Department of Corrections reports that there were more than 2.5 times as many individuals serving LWOP sentences in 2016 than in 2003 when 354 individuals were serving LWOP. Between 2003 and 2016, an average of 69 people serving LWOP sentences were added to the population each year. Georgia has also experienced growth in its indeterminate life-sentenced population, though at a slower pace. At the same time, violent crime in Georgia has declined by 16.6 percent since 2003. More recently, the state prison population has also been decreasing, with 2,985 fewer prisoners reported in 2015 than in 2010.⁴¹

Figure 8. Violent Crime Rate and LWOP Population in Georgia, 2000-2016



Harsh new sentencing laws help to explain the rapid rise in Georgia's LWOP sentences during this period. In 1992, Georgia passed a habitual offender bill known as the Seven Deadly Sins law that required life with parole sentences for murder and required a 10-year minimum sentence for kidnapping, armed robbery, rape, aggravated sodomy, aggravated sexual battery, and aggravated child molestation. Upon a second felony conviction for one of these crimes individuals must be sentenced to life without the possibility of parole. In 1996, the state abolished parole for all the felonies listed above, meaning that all life sentences are ineligible for parole. State statistics show that 32 percent of state prisoners have been convicted under the Seven Deadly Sins law.⁴²

In addition to rapidly rising LWOP figures, statutory changes have also caused a build-up of LWP prisoners in Georgia. The state's life-with-parole population is the fourth highest in the country, with 7,553 people serving indeterminate life sentences. Among the state's prisoners, 14.2 percent are serving LWP. Legislative changes may explain this build up: in 1995, the state moved to double the length of time before a first opportunity for parole from seven years to 14 years; in 2006 this was extended to 30 years.

DRIVERS OF LIFE SENTENCES

A variety of factors other than crime trends explain the continued nationwide increase in life sentences. One driver is fear: singular stories provoke a desire for safety because of their cruelty and violence, and too often set the tone for crime policy and practice. There is a tendency to generalize the outcome of a single released prisoner who goes on to commit a violent crime as indicative of all prisoners if they are given the chance. In reality, these tragic outcomes are rare, and even more so among people serving life sentences despite the gravity of their original crime.⁴³

A second driver is related to the first and centers on the political gains made by elected officials through appearing sufficiently tough on crime, even when criminologists have discredited the effectiveness of overly harsh justice policies. In describing Connecticut's plan to eliminate the death penalty in 2012, officials assured the public that its replacement would impose an even harsher penalty than "just" LWOP. The 11 prisoners on death row, as well as all future individuals convicted of capital murder crimes, would spend the rest of their lives in solitary confinement. Governor Dannel Malloy said, "Going forward, we will have a system that allows us to put these people away for life, in living conditions none of us would want to experience." "44"

Lasting Politics and Policy from the Tough on Crime Era

Statutory changes over the past three decades have extended prison sentences to include or mandate life in prison for certain crimes. This has been accomplished through "tough on crime" laws such as habitual offender laws, truth-in-sentencing laws, mandatory minimums, and the abolition of parole.

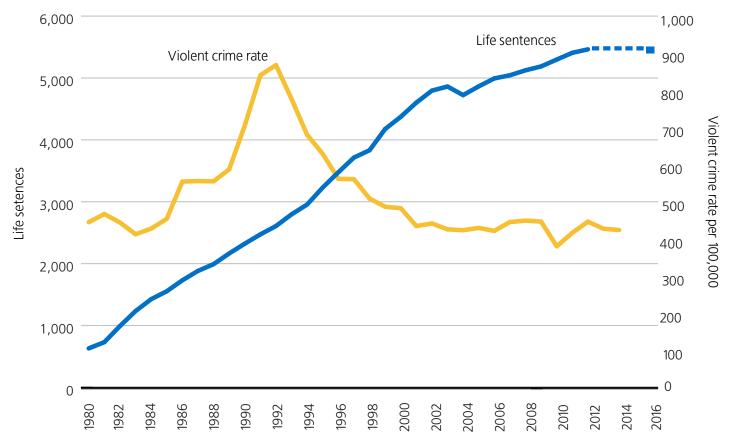
Life-sentenced prisoners make up 22 percent of the state prison population in Alabama, and the state's proportion of life sentences for nonviolent crimes is one of the highest in the nation; 16 percent of lifers have been convicted of a nonviolent offense. Alabama has also experienced an above average pace of growth in life sentences over time, surpassing the growth in its overall prison population.⁴⁵

Individuals receive LWOP for nonhomicide offenses via the state's Habitual Felony Offender Act (HFOA), first enacted in 1977. ⁴⁶ The law requires that persons convicted of Class A felonies ⁴⁷ receive LWOP if they have three prior felony convictions. Though the intent of the law was to seek tougher sanctions for those who commit multiple serious offenses, the

outcome was that most individuals sentenced under the HFOA had committed a less serious, often nonviolent offenses such as a burglary. Revisions have been made to the law to correct for this, but they have not been made retroactive.

Individuals like Lydia Diane Jones were swept up under the law. In 1997, Jones moved out of her home and into her childhood home to care for her terminally ill father. She returned to her home four months later to retrieve items and was arrested. Unbeknownst to her, Jones's former boyfriend had been using her home while she was away to store and sell marijuana. She was convicted for marijuana possession but because it was her fourth felony, she was sentenced to life without parole. Her initial three felonies resulted from a single incident 17 years earlier. Jones was ultimately exonerated based on demonstration of an inadequate legal defense.

Figure 9. Trends in Alabama Life Sentences and Violent Crime



Note: Data unavailable 2013-2015.

Habitual offender laws have also broadened the use of LWOP in Massachusetts. In 2012, the state revised its habitual offender law under House Bill 4286 to require that individuals convicted under the law serve the maximum time with no parole opportunity after a third felony conviction. Before the law was passed, LWOP was limited to convictions for first degree murder; the legislation expanded to 20 the number of crimes that could result in LWOP.

Delaware revised its "three strikes" statute in 2016 to increase the number of prior convictions for certain offenses required to trigger the classification as a habitual offender and replaced the mandatory sentence of life in prison with a sentence of "up to life." Because the law will be applied retroactively, some of these prisoners could be resentenced to lesser terms. At the bill signing, Delaware governor Markell noted "the trend of stiffer mandatory sentences for an increasing number of crimes hasn't worked." 50

Extending Wait Times Before Parole Review

"Tough on crime" rhetoric has misrepresented life sentences as lenient and aided in spreading the idea that life-sentenced prisoners only serve a fraction of their original punishment. One study of Texas jurors who served in capital murder trials found that they routinely underestimated the number of years to be served for a capital murder conviction in the absence of the death penalty, "with the average juror believing a person sentenced to life in prison will be paroled after 15 years." In fact, the impetus for "truth-in-sentencing" laws derives partly from a conviction that the public is being lied to in regard to the amount of time served in prison. Under Texas law at the time of the study, prisoners would have to serve a minimum of 40 years before parole consideration.

The 2014 analysis of prison growth in the United States by the National Academies' National Research Council is widely considered the most comprehensive study of the U. S. system of sentencing and incarceration. Its authors find that increases in admissions combined with lengthening of prison sentences, has been driving the upward climb of prison populations; 51 percent of prison growth between 1980 and 2010 can be attributed to longer prison sentences.⁵³ Indeterminate life sentences have become a more prevalent segment of the prison population through prolonging the initial wait time before appearing in front of the parole board and/or extending the wait period between parole eligibility hearings.⁵⁴ In recent decades, several states have extended the minimum term of years to be served by people serving life before parole consideration. For

example, in Georgia the initial wait time before parole review at one time was seven years but has been moved to 30 years for crimes committed after 1995. In Missouri, a 1994 law extended the initial wait time from 13 years to 23 years. In Missouri, prisoners used to wait two years after a parole denial before their next possible review; in 1993 lawmakers changed this to five years.⁵⁵

As part of Tennessee's Truth in Sentencing Act of 1995, life-sentenced prisoners must serve their full 60-year minimum term, with a possibility of sentence credits allowing a preliminary parole review after 51 years. Jacob Davis is one of the prisoners serving life with parole in Tennessee. In a jealous rage, high school senior Davis killed his former girlfriend's new boyfriend in 1997. Though his crime was very serious, he had never previously been in trouble with the law. He was convicted of first degree murder, reckless endangerment with a deadly weapon, and carrying a weapon on school property and sentenced to life with parole. His case is currently on appeal and his attorneys claim that the life-with-parole sentence in Tennessee is equivalent to LWOP because of its duration, and therefore duplicative of the LWOP statute. Unless there is a modification to his sentence, Davis will be 70 years old by the time he becomes eligible for parole.

THE DEATH PENALTY AS A REFERENCE POINT FOR "LESS PUNITIVE" SENTENCES

With the exception of Alaska LWOP sentences are permissible in all 31 states that allow the death penalty as well as 18 states that do not have the death penalty.⁵⁶ In some states—Alabama, Illinois, and Louisiana, specifically—the adoption of an LWOP statute was motivated directly by the Supreme Court's ruling in *Furman v. Georgia* in 1972, which temporarily banned the death penalty nationwide.⁵⁷ The expanded use of LWOP has been attributed to *Furman* and, though the death penalty was reinstated in *Gregg v. Georgia* four years later, some states used the instability of the legal issues to justify broadening the use of LWOP by, for example, making it mandatory in cases of first degree murder and other offenses.⁵⁸

Some of the spread of non-capital LWOP may be due, paradoxically, to the promotion of LWOP in campaigns to repeal the death penalty.⁵⁹ The push to exchange death sentences for LWOP sentences has been successful in part due to this strategy, though most of the success should be attributed to innocence

campaigns, demonstrations of inefficiency, and complications with execution methods. Death sentences have been steadily declining for many years now. While some proponents of LWOP contend that it serves as an effective alternative to the death penalty, a causal relationship between the two is not evident. Between 1992 and 2016, there was a 12.7 percent increase in the number of people on death row while over the same period the LWOP population rose 328 percent. With 53,290 people serving LWOP as of 2016, it is not plausible that all, or even most, would be on death row if not for LWOP as the alternative.⁶⁰ Legal scholars Jordan Steiker and Carol Steiker show that "... even if the entire decline in death sentencing were (implausibly) attributed to LWOP, the number of capital defendants affected by LWOP's introduction would still be dwarfed by the number of noncapital defendants affected by its widespread adoption and use."61 Instead of receiving death sentences, it is more likely the case that many of the LWOP sentences would have otherwise been sentences that included the possibility for parole. LWOP's widespread use in both capital and noncapital crimes has had a normalizing effect on extreme sentences and places an upward pressure on sentences across the spectrum.⁶²

Between 1992 and 2016, there was an 12.7% increase in the number of people on death row while over the same period the **LWOP population rose 328%.**

The Public Safety Argument and the Abandonment of Rehabilitation

Parole boards are subject to a range of pressures. Life-sentenced prisoners who become eligible for parole encounter a process often hindered by undue political influence, lack of rigorous professional qualifications, and bureaucratic obstacles that delay or deny their opportunity for release. Perhaps the chief obstacle that life-sentenced prisoners must cope with is the gravity of their original crime, which weighs heavily on parole decisions even though it typically has occurred decades ago and was taken into account at sentencing.⁶³

Some argue that the crimes committed by those serving life sentences are so serious that rehabilitation is simply unattainable or that lifelong punishment "fits the crime." An exception to this line of thinking has recently emerged concerning juveniles, who are seen as amenable to rehabilitation because of their developmental immaturity.

The evolving maturity of young adults leads to a sharp decline in criminal tendencies by the late-thirties; and therefore incarceration beyond a period of 15 to 20 years, even for serious crimes, produces diminishing returns for public safety. The National Research Council is the latest authority to note that long term sentences serve little purpose other than to reinforce the retributive goal of corrections. This is partially explained by the age-crime curve, which reliably predicts the tendency to commit crime at various ages.⁶⁴ It shows that most criminal offending declines substantially beginning in the mid-20s and has tapered off substantially by one's late 30s. This is partially explained through neuroscientific evidence that shows brain development reaching its final form during one's mid-20s. Before this time, accurate calculations of risk are still maturing and appreciation for consequences of behavior is not fully in place. 65 The researchers conclude that "[a]ge is one of the most robust predictors of criminal behavior."66 This is not due to an inexplicable association of age and crime, however, but to social and psychosocial developments that co-occur with age. Even those defined as "career offenders" tend to desist from crime at relatively early ages.

Rene Lima-Marin is a Colorado prisoner serving virtual life. Lima-Marin was originally sentenced to 98 years for his role in a robbery of a video store in 1998.67 Because of a clerical error made by the Department of Corrections that listed his sentences as concurrent instead of consecutive, he was released decades before his prison sentence was supposed to end, after serving 10 years in prison. During his years of freedom, Lima-Marin married, had two children, purchased a home, and held down steady employment. Most importantly, he completed five crime-free years on parole. But once the Department of Corrections error was discovered in 2014 Lima-Marin was returned to prison. The clerical error allowed a natural experiment to unfold and showed that Lima-Marin had reformed his life and was capable of being a productive member of society. After his return to prison in 2014, Lima-Marin was informed that his parole date will be in the year 2054. He will be 74 years old and his children will be close to middle-aged.⁶⁸ He is currently appealing his sentence.

Many of the prisoners serving life sentences demonstrate considerable personal transformation. Life-sentenced prisoners are frequently called upon by prison staff to serve as mentors to newly arrived prisoners. ⁶⁹ In addition, multiple studies confirm that the prevalence of misconduct is quite low compared to non-life prisoners, in contrast to the theory that life-sentenced prisoners are more volatile because they have "nothing to lose." ⁷⁰ Research on people sentenced to life who exit prison finds remarkably low recidivism rates among them. In 2012, Maryland's appellate court ruled in *Unger v. State* that life sentences handed down before 1981 violated due process protections due to misleading jury instructions. As a result, more than 100 lifers have been released, and not a single one had been convicted of a new felony as of 2016.⁷¹

Sixty-one-year-old Alva Polke is serving a virtual life sentence in Georgia. He has been incarcerated for 18 years and has not had a disciplinary infraction in 14 years. Polke currently serves as a mentor to other prisoners and has earned several certificates for in-prison accomplishments, including completion of a course on reentry. He has maintained close ties with his family through his incarceration. Polke is currently serving a de facto life sentence for possession with intent to sell approximately \$200 worth of cocaine. Polke was subjected to the state's recidivist statute because of prior drug convictions and, because of the transaction's proximity to public housing. Polke's 40-year sentence was increased to 60 years. Attorneys for Polke have noted that his sentence exceeds the maximum allowable punishment for certain homicides, sex offenses, and other violent crimes.

REFORM RECOMMENDATIONS

1. ELIMINATE LIFE WITHOUT PAROLE AND DRAMATICALLY SCALE BACK OTHER LIFE SENTENCES

This report makes clear that life sentences are a growing portion of the prison population. In 2016 more than 200,000 prisoners were serving some form of a life sentence, representing one of every seven (13.9%) prisoners overall. Despite the pursuit of necessary criminal justice reforms at the margins of the system, reforms to the laws and practices that perpetuate life sentences have been rare, and the focus has been too narrow to fully challenge mass incarceration.

Growing support for decarceration and proposals for sentencing reforms for low-level offenses are frequently paired with the preservation of harsh penalties for serious and violent crimes. This strategy has been pursued without consideration of its impact on the exact problem that policymakers are attempting to fix: a bloated and expensive prison population that far surpasses that of any other nation in the world. Individuals with violent crimes in their past—even their distant past—do not qualify for inclusion in most "comprehensive" reform discussions that attempt to ease prison populations because of the serious nature of their crimes. These policy approaches are likely to disappoint lawmakers who expect considerable savings generated from reform.

The cost for life imprisonment is high, in the range of \$1 million per adult prisoner, with prison expenses rising precipitously after middle-age.⁷³ A partial cause of the eventual doubling of expenses as prisoners age is the heavy toll that prison itself has on human health. Typically, people entering incarceration already exhibit poorer health compared to the general population, but the harsh prison environment, accompanied by inadequate treatment, exacerbates prisoners' health status and accelerates the aging process. People in prison experience higher rates of both chronic and infectious diseases as compared to the general population.

Internationally, human rights concerns surrounding life sentences are evident. Consider the case of *Vinter and Others v. The United*

Kingdom, where the imposition of three life sentences triggered concerns about the practice. The cases were reviewed for possible international human rights violations⁷⁴ and the Court ruled in a vote of 16-1 that lifelong imprisonment without the possibility of parole review was indeed a violation. A total of 49 people were serving life sentences at the time and were ordered to receive modified sentences. Notably, at the time of the ruling the United States had 100 times more people serving such sentences.

Around the world an estimated 536,000 individuals are serving life sentences as of 2014. With the United States comprising 30 percent of the world total, this means that nearly one in three life-sentenced prisoners worldwide is a U.S. prisoner.⁷⁵

Nearly **1 in 3** life-sentenced prisoners worldwide is a U.S. prisoner.

Utilize Momentum from the Juvenile Rulings

One approach to limiting life sentences is to adapt the recent policy shifts in the juvenile arena for adults. *Graham v. Florida* ruled that LWOP sentences were disproportionate when applied to nonhomicide crimes. If applied to all adults, this would have the potential to impact 12,250 people currently serving LWOP, or 23 percent of the LWOP population. *Miller v. Alabama* ruled that juveniles could not receive LWOP for a homicide conviction in states that apply the sentence mandatorily. If this same judgment was applied to all prisoners serving mandatory LWOP for first-degree murder, 20,342 people, or 38 percent of the LWOP population, could potentially earn a sentence review. This would not necessarily lead to a release of any given prisoner, but would allow for a sentence review when applied retroactively.

Legal scholars are generally not optimistic about the successful extension of *Graham*, *Miller*, and *Montgomery* to adults through the courts.⁷⁶ To the contrary, the rulings may have made it even

more difficult for adults to demonstrate their amenability for reform, as they set the upper age limit at 17. Specifically, the *Graham* opinion stated "a child's character is not as well formed as an adult's; his traits are less fixed and his actions are less likely to be evidence of irretrievable depravity."⁷⁷ Just as jurisprudence on the death penalty has been clear to say that "death is different," the Court has made clear that in these cases, the second look is because "children are different."

2. IMPROVE THE PROCESS OF PAROLE

The limitations of the parole process for lifers have been underscored by the requirement for a "meaningful opportunity for parole" for life-sentenced juveniles in *Graham v. Florida*. *Graham* called for a review mechanism that is problematic on its own. In a recent report by The Sentencing Project, we documented a series of problems with parole, including long wait times, the politicization of the parole process, gubernatorial overreach in the decision to grant parole, an absence of the presumption of release at parole hearings, and limited rights and protections afforded to prisoners appearing before the parole board.⁷⁸

The severity of the crime is a prime factor in the original sentencing decision, but many parole boards either through policy or practice, take it upon themselves to incorporate the severity of the crime into the decision to grant or deny parole, a practice which amounts to relitigating the case.⁷⁹ Most parole systems rely heavily on the crime of conviction in deliberating the parole decision, which places people serving an indeterminate life sentence at a distinct disadvantage due to the severity of the crime in many cases.⁸⁰ Research suggests that those convicted of violent crimes are less likely to be granted parole than those convicted of other offenses despite their assessed risk to public safety.81 In a study of parole decisions in New Jersey, the authors found that crime of conviction was the most influential factor in parole decisions. This result is surprising considering that under the New Jersey Parole Act of 1979, crime of conviction was identified as a factor that should not influence parole decision-making.82

Second, time served prior to appearing before a parole board plays a significant role in decision-making which, like crime of conviction, disproportionately impacts life-sentenced individuals. A punitive measure enacted in many states has been to extend the initial wait time before parole appearance and the wait time between parole hearings. A prisoner who historically served 10 years until his or her first parole hearing may wait 20 years today.

Two final shortcomings of many parole systems are the lack of experience and lack of distance from political influence that is required of its members. A recent comprehensive review of parole systems in the United States concluded that parole boards should be reconstructed to require a degree of expertise in criminal justice fields, advanced education degrees, and independence from political influence. A *New York Times* expose of the New York parole process revealed only cursory reviews of prisoner files before a parole hearing and fewer than 20 minutes spent in any given hearing.

Improvements in the structure and composition of the process can begin to move eligible life-sentenced prisoners through the system, releasing those who show they are qualified for freedom and holding back those who require more time in prison before they are ready.

3. AUTHORIZE MID-COURSE ADJUSTMENTS

Clemency is one meaningful way to adjust prison sentences mid-course. A power reserved for the president and state governors, clemency ensures a method of checks and balances on the other branches of government. In any prison sentence, the executive reserves the power to correct or mitigate the effects of an overly harsh law or judicial decision. Over the past half century, its use has become increasingly scrutinized and a result is that governors are increasingly reluctant to use this authority. In *Graham v. Florida*, Justice Kennedy acknowledged the lack of dependability on clemency, noting that it fails as a reliable tool to mitigate the harshness of a sentence because it is used only in exceptional cases.⁸³

The recent use of clemency at the federal level can serve as an example for state-level clemencies, which have declined considerably over the past several decades.⁸⁴ For most of the 20th century, life-sentenced prisoners in the federal system were eligible for parole after 15 years; this was reduced to 10 years in 1976.⁸⁵ Beginning in 1987, however, parole was abolished and all prospective life sentences were ineligible for parole.

President Barack Obama granted an unprecedented number of clemencies to federal prisoners, an act that is unusual both for any modern president or governor. By the time he left office, Obama had commuted 1,715 federal sentences, one third of which were life sentences for nonviolent crimes. President Obama's actions in this regard called attention to a sentencing system and corrections system that was unsustainable and had become overgrown, leaving little recourse except this sort of backend adjustment.⁸⁶

Before he was granted clemency by President Obama in March 2015, Norman Brown had already served 24.5 years of a life sentence with no opportunity for parole for a nonviolent drug offense. The sentencing judge admitted Brown's sentence was disproportionate but was unable to alter because of mandatory minimums. Brown applied for clemency in 2010, a process he describes as "like a drowning man reaching for a spider web," which illustrates the futility of his hopes for release. He eventually did receive clemency and has been free since July of 2015. In describing his experience of life in prison, he makes the following observation: If you leave us in prison...in there [for] too long, we can become rotten. And as I seen many people left in prison...these draconian sentences have left them in there and they're rotting away. And in the process of them rotting away, society loses out on the gifts that we have to give them."87

A second method for mid-course review has been proposed by the American Law Institute (ALI), a nonpartisan body of legal scholars who make recommendations for model penal codes. Regarding long prison terms including life sentences, they offer a "second look" provision.88 The ALI recommends that a "judge or judicial panel revisit the sentence of any prisoner who has served 15 years or more in prison, and decide if, under present circumstances, the sentence originally imposed or a different sentence better serves the purposes of sentencing." The emphasis is on changed circumstances, which may mean changed societal assessments of offense gravity, new technologies of risk assessment or treatment, or major changes in the individual or their family circumstances, the crime victims or the community. The idea behind the second look provision is that not only can the individual change, but society can change as well.

Such a mechanism would help to allay the concerns of judges whose hands are tied by mandatory minimum sentences. Consider the remarks of Oklahoma Judge Charles Chapel in response to a denied appeal of an LWOP sentence given to a 15-year-old boy:

> [H]is sentence in my judgment, violates the 8th Amendment to the U.S. Constitution...He was barely 15 when he committed the crime; he is emotionally and psychologically immature; he is learning disabled and functioned for several years below his peers; he has strong family support; he had never before been in any kind of legal trouble; and the evidence in support of his motion [to be transferred to the juvenile court] was

overwhelming and essentially unrebutted...Sentencing him to life without parole is quite simply hideous and a travesty of justice.89

Northwestern University philosophy professor Jennifer Lackey teaches life-sentenced prisoners in Illinois. Over her years of teaching she has come to know that prisoners are not the only ones who change in remarkable ways. Victims and their families can come to see the prisoner as worthy of forgiveness and of a second chance. Public attitudes can also change, evolving from the zealous "war on crime" approach to one that incorporates a broader view of immense societal disadvantages that frequently accompany criminal acts.⁹⁰

CONCLUSION

Life sentences are at an all-time high, with 161,957 people serving life with or without parole sentences nationwide. A third of them will never have the opportunity for parole, a term which released LWOP prisoner Norman Brown aptly calls "superpunishment." If we include those sentenced to de facto life terms of 50 years or more before parole, this brings the total to 206,268, or 13.9 percent of the prison population. In 2016, one in seven prisoners was serving a life or virtual life prison sentence.

The increased prevalence of life sentences stands at odds with attempts to scale back mass incarceration. The massive use of incarceration has come under scrutiny over the past decade as unlikely allies have joined to call for reforms on both fiscal and moral grounds. The shifting climate for criminal justice reform has been encouraging, with bipartisan support for long-recommended revisions to sentencing laws at the federal and state level. Opportunities to further shift the direction of our criminal justice system must be seized by advocates to incorporate reform for life sentences in order to dismantle the uniquely American structure of mass incarceration.

Scholars provide empirical evidence that shows diminishing public safety benefits associated with incarceration beyond a certain point. Some also reason that the expansive and somewhat arbitrary use of imprisonment weakens its general deterrence value. In a speech to members of the American Bar Association in 2013, former Attorney General Eric Holder acknowledged that "too many Americans go to prisons for too long and for no truly good law enforcement reason." These are among the factors that have brought the issue of mass incarceration to the center of criminal justice reform debates in a way not previously seen, arguing that it is a system that is both wasteful and unjust. 93 These same concerns arise in lifelong imprisonment.

The broad use of long-term and life sentences for nonhomicide crimes despite claims that these sentences are reserved for the worst of the worst is troubling; more than 17,000 lifers have been convicted of nonviolent crimes, and nearly 12,000 people serving life sentences were juveniles at the time of their crime.

Disproportionate racial and ethnic composition is another worrying feature of this population, with one in five black prisoners serving a life sentence. Persistent racial disparities are harmful on their own but also serve to delegitimize the system more broadly.

Lifelong imprisonment is not the best course of action for most people for the reasons outlined above, nor is it a valuable outcome for society. Legal scholar Michael O'Hear reminds us that policies rooted in fear and anger are misguided, and that providing even those who have committed serious crimes with "...a realistic path back to 'ordinary civic life in a free society' may be as much for our benefit as for theirs."

APPENDICES

A: METHODOLOGY

The data in this report come directly from the state and federal departments of corrections. We first contacted research divisions within the state and federal departments of corrections in January 2016 requesting the total number of people in prison as well as those serving life with parole, life without parole, and sentences of 50 years or more before release on the most recent date available. The most common date provided was the date of the query. Within each of these three groups of prisoners (LWP, LWOP, and virtual life), we also requested breakdowns by race, ethnicity, gender, juvenile status, and crime of conviction. A complete copy of the survey that jurisdictions received is provided in Appendix B. Follow-up emails and phone calls were made until November 2016 for reminders of our request or for clarification on data submitted. States were invited to review their submission from 2012 and adjust their reported figures for that year if needed.

In most states the revisions were minor but Illinois revised its LWP count significantly from an original count of 1,141 LWP prisoners to a total of five individuals serving LWP. The explanation for this revision in 2016 to the number in 2012 lies in an error in the original count for 2012: the persons initially listed as LWP were in fact term-of-years prisoners who are required remain under correctional supervision for life, but do not have "life with parole."

In two states, California and New Jersey, we were required to provide full research proposals as well as to submit our survey to an independent Institutional Review Board for approval before gaining access to the requested data. We were approved in both instances. In total, we received data from all states and the federal Bureau of Prisons, with the exception of the state of Virginia. Though Virginia refused to supply data (as it has in all past years that we have submitted data requests, citing its very broad FOIA statute), we received helpful data from the state's Criminal Sentencing Commission. In specific, we received data on new life sentences added for each year between 1995 and 2016. The data from the Criminal Sentencing Commission does not include capital offenses, which are punishable by death

or life in prison. To arrive at the most accurate count possible, we also reviewed data concerning life sentences provided by research staff from the department of corrections for the state's Parole Reform Commission in 2015.⁹⁵

Though the mention of virtual life or de facto life sentences has become a more frequent part of scholarly and policy discussions about life in prison generally, the term of years that should amount to virtual life is not yet settled. 96 Scholar Jessica Henry has written extensively on the need to incorporate de facto life sentences into the broader conversation about life sentences overall. In her comments she notes that there is difficulty in setting a term of years to define virtual life since the age of the individual at the time of prison admission is a critical component of the calculation.⁹⁷ The courts have been even more unclear on where to draw the line. We selected 50 years as a conservative estimate of virtual life based on the following rationale: in 2013, the life expectancy of a 39-year-old male (the typical age someone entering prison) for a long-term or life sentence was about 40 additional years. 98 This suggests that to survive a lengthy sentence, one must be released before the age of 79. Add to this the increased probability of a premature death for those who are incarcerated, 99 and one can see that a minimum sentence of 50 years or more as equivalent to "virtual life" is reasonable.

B: SURVEY INSTRUMENT

Thank you for providing the following information about your state's population of inmates sentenced to: (1) life with the possibility of parole, (2) life without the possibility of parole, and (3) those sentenced to prison for a maximum of 50 years or more. If you have any questions as you complete this form, please be in touch with Ashley Nellis at anellis@sentencingproject. org or 202-628-0871. Your completed form can be emailed, faxed or mailed to our office at the address listed at the bottom of this form.

NAME OF STATE:	
Current State Prison Population: as of	·
SECTION 1: PERSONS SERVING LIF	E WITH THE POSSIBILITY OF PAROLE
A. Number of Persons 18 OR OLDER AT OFFENSE	B. Number of Persons UNDER 18 AT OFFENSE
Total Number:	Total Number:
Gender	Gender
Male Female	Male Female
Race (Non-Hispanic)	Race (Non-Hispanic)
White: African American Other	White: African American Other
Ethnicity	Ethnicity
Hispanic:	Hispanic:
Crime of Commitment	Crime of Commitment
1st Deg. Murder :	1st Deg. Murder :
2nd Deg. Murder:	2nd Deg. Murder:
Other Death (not 1st or 2nd Deg. Murder):	Other Death (not 1st or 2nd Deg. Murder):
Sexual Assault/Rape :	Sexual Assault/Rape :
Agg. Assault/Robbery/Kidnaping:	Agg. Assault/Robbery/Kidnaping:
Drug Offense:	Drug Offense :
Property Offense:	Property Offense:
Other:	Other:

SECTION 2: PERSONS SERVING LIFE WITHOUT THE POSSIBILITY OF PAROLE

A. Number of Persons 18 OR OLDER AT OFFENSE	B. Number of Persons UNDER 18 AT OFFENSE
Total Number:	Total Number:
Gender	Gender
Male Female	Male Female
Race (Non-Hispanic)	Race (Non-Hispanic)
White: African American Other	White: African American Other
Ethnicity	Ethnicity
Hispanic:	Hispanic:
Crime of Commitment	Crime of Commitment
1st Deg. Murder:	1st Deg. Murder :
2nd Deg. Murder:	2nd Deg. Murder:
Other Death (not 1st or 2nd Deg. Murder):	Other Death (not 1st or 2nd Deg. Murder):
Sexual Assault/Rape :	Sexual Assault/Rape:
Agg. Assault/Robbery/Kidnaping:	Agg. Assault/Robbery/Kidnaping:
Drug Offense:	Drug Offense:
Property Offense:	Property Offense:
Other:	Other:

SECTION 3: PERSONS SENTENCED TO 50 YEARS OR MORE BEFORE RELEASE

The numbers provided in this section should include inmates who could potentially be released prior to their maximum through good-time credits and/or parole.

EXAMPLES OF THE TYPE OF INMATE WHO SHOULD BE INCLUDED:

- 1. An inmate who has been sentenced to 60 years but is parole eligible after 25 years.
- 2. An inmate who has been sentenced to two separate terms of 25 years to be served consecutively.
- 3. An inmate who has been sentenced to a range of years from 40 to 50 years.

A. Number of Persons 18 OR OLDER AT OFFENSE	B. Number of Persons UNDER 18 AT OFFENSE
Total Number:	Total Number:
Gender	Gender
MaleFemale	Male Female
Race (Non-Hispanic)	Race (Non-Hispanic)
White: African American Other	White: African American Other
Ethnicity	Ethnicity
Hispanic:	Hispanic:
Crime of Commitment	Crime of Commitment
1st Deg. Murder :	1st Deg. Murder :
2nd Deg. Murder :	2nd Deg. Murder :
Other Death (not 1st or 2nd Deg. Murder):	Other Death (not 1st or 2nd Deg. Murder):
Sexual Assault/Rape:	Sexual Assault/Rape :
Agg. Assault/Robbery/Kidnaping:	Agg. Assault/Robbery/Kidnaping:
Drug Offense :	Drug Offense :
Property Offense:	Property Offense:
Other:	Other:

ENDNOTES

- Vinter and Others v. United Kingdom, App nos. 66069/09, 130/10 and 3896/10 (July 9 2013).
- Approximately 2,000 of the JLWOP population will receive a parole review or resentencing due to recent Supreme Court rulings in Miller v. Alabama, and Montgomery v. Louisiana.
- We are grateful to criminologist Marie Gottschalk for initially drawing this comparison in: Gottschalk, M. (2012). No way out? Life sentences and the politics of penal reform. In C. Ogletree & A. Sarat (Eds.) Life without parole: America's new death penalty? New York: New York University Press.
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- 10 Carson, E. A. & Anderson, E. (2016). Prisoners in 2015. Washington, DC: Bureau of Justice Statistics.
- 11 Federal Bureau of Investigation, Uniform Crime Report Series, 1984-2015, Table 4.
- 12 States that have abolished parole altogether or for those sentenced to life include: Arizona. Florida, Illinois, Iowa, Louisiana, Maine, Pennsylvania, South Dakota, Virginia and Wisconsin. In addition, the federal government has abolished its parole system.
- 13 Utah is a state with an indeterminate sentencing scheme in which lifers are sentences to terms that are indeterminate in length but have a maximum term of life in prison.
- 14 United States v. Lewis 594 F. 3d 1270 (10th Circuit 2010).
- 15 Pennsylvania Code, Title 18, Chapter 25, Section 2502(b).
- 16 Binder, G. (2011). Making the best of felony murder. Boston University Law Review 91: 403-559.
- The U.S. Supreme Court has limited but not banned the use of the death penalty for those convicted of felony murder. See Enmund v. Florida 458 U.S. 782 (1982) and Tison v. Arizona 481 U.S. 137 (1987).
- 18 Benshoff, L. (2017). With commutation the window to freedom opens a crack for lifers in Pa. Newsworks. Available online: http:// www.newsworks.org/index.php/local/philadelphia/94183-withcommutation-the-window-to-freedom-opens-a-crack-for-lifers-
- 19 Carson, E. A. & Anderson, E. (2016). Prisoners in 2015. Washington, DC: Bureau of Justice Statistics.

- 20 There are 1,517 federal prisoners serving a life sentence with parole (117) or without parole (1,400) serving life for a crime categorized as "other." Upon request, the Bureau of Prisons provided us with a disaggregated list of the crimes that are grouped under this category. The list is consistent with research published by the United States Sentencing Commission. See: Schmidtt, G. R. & Konfrst, H.J. (2015). Life sentences in the federal system. Washington, DC: United States Sentencing Commission.
- 21 The federal government eliminated parole beginning in 1987.
- 22 The Congressional Research Service states that 18 U.S.C 924(c) requires, "one of a series of mandatory minimum terms of imprisonment upon conviction for misconduct involving the firearm and the commission of a federal crime of violence or a federal drug trafficking offense. The terms vary according to the type of firearm used, the manner of the firearm's involvement, and whether the conviction involves a single, first-time offense. Liability extends to co-conspirators and to those who aid or abet in the commission of a violation of the section."
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- 28 The remainder were identified as "other."
- 29 The juvenile/adult status of those serving life or virtual life sentences was not provided by the federal Bureau of Prisons because it was claimed to be "too burdensome" to calculate. Washington, DC does not have any individuals serving LWP or LWOP for crimes committed under 18, and the number of juveniles serving terms of 50 years or more was not obtained.
- Graham v. Florida, 130 S. Ct. 2011, 2030 (2010).
- Miller v. Alabama 1325 S. Ct. 2455 (2012).
- 32 Cooper, T. (December 4, 2015). Resentenced at 60 for killing at 15. NP Telegraph. Available online: http://www.nptelegraph.com/ news/state/resentenced-at-for-killing-at/article_4d84e1fe-0b91-503b-842c-a289d216db27.html
- 33 Kohler-Hausemann, I., Gilbert, A. P., & Seeds, C. (2017). Children sentenced to life: A struggle for the N.Y. Board of Parole. New York Law Journal. Available online: http://www.newyorklawjournal. com/id=1202776697362/Children-Sentenced-to-Life-A-Strugglefor-the-NY-Board-of-Parole?slreturn=20170214173317.
- 34 Texas first adopted LWOP in 2005 but eliminated it for juveniles in 2009; those serving life-with-parole sentences in Texas first become eligible for parole after 40 years in prison.
- This is also the case for adult prisoners serving virtual life sentences
- 36 Though data on life sentences was first reported by The Sentencing Report in *The meaning of 'life': Long prison sentences in context*, the data were not disaggregated by gender.
- This is particularly the case for white women. See, for example, Mauer, M. (2013). *The changing racial dynamics of women's incarceration*. Washington, DC: The Sentencing Project.
- 38 There is some evidence that LWP sentences have grown due to longer wait times before parole in certain states, which would have less to do with crime rate fluctuations and more to do with politics of parole. See Ghandnoosh, N. (2017). Delaying a second chance: The declining prospects for parole on life sentences. Washington, DC: The Sentencing Project.

- 39 This is the first year for which LWOP data are publicly available.
- 40 2016 crime data has not yet been publicly released.
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- 42 Georgia Department of Corrections (2017). Friday Report, February 24, 2017. Atlanta: Author. Available online: http://www.dcor.state.ga.us/Research/Standing_Friday_Report
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- 47 Class A felonies include murder and first degree kidnapping, rape, robbery, burglary, and arson.
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