

# Cost Caps and Coverage for All: How to Make Health Care Universally Affordable

By David Kendall, Gabe Horwitz, and Jim Kessler

#### **Takeaways**

Cost Caps and Coverage for All is a comprehensive approach to health care. It protects everyone through two main parts:

- Cost Caps: Caps premiums, deductibles and other out-of-pocket costs for everyone based on income.
- Universal Coverage: Ensures health care is a basic human right by automatically covering everyone not currently insured in an affordable plan.

Cost Caps and Coverage for All would be paid for by protecting patients against high prices, realigning incentives to deliver better value for patients, reducing complexity for patients, and targeted tax increases on the wealthy.

The United States can ensure that every single person in the country has stable health coverage and lower out-of-pocket costs—without disrupting anyone's coverage through their employer, Medicare, Medicaid, or the exchanges. The Affordable Care Act (ACA) laid the foundation for this by protecting everyone with a pre-existing condition and expanding coverage. But rising health care costs still squeeze paychecks and drive up deductibles. Forty-one million people still struggle to pay health care bills due to coverage gaps. Twenty-nine million people still lack coverage altogether. We can boldly finish the job by reforming and expanding the ACA to ensure that coverage is universal and truly affordable for all.

Our proposal preserves and improves the coverage that people already have through their employers, Medicare, Medicaid, and the Affordable Care Act. It includes a Medicare Early Start public plan option for those in the individual market between ages 55 and 64. It reduces out-of-pocket costs including surprise bills, bends the cost curve on national health care expenditures, and is affordable for taxpayers with a price tag at a fraction of what other universal health care proposals cost. It provides a unifying platform action that builds on Obamacare instead of starting from scratch while also borrowing ideas from progressives seeking an expansion of Medicare coverage. And it fulfills the promise of stable, secure, affordable health care for everyone.

#### **Today's Health Care Problems**

The ACA was a historic step forward. It has covered 22 million more Americans, which includes 18 million working adults.¹ Since 2010, the nation's growth in health care costs has slowed to half the rate it was in the previous decade.² Americans now have coverage for pre-existing conditions and a host of other consumer protections.³

But our nation has far more to do to ensure stable and secure coverage for all. Even without Republican efforts to sabotage the ACA, health care faces three big problems:

- 1. 41 million Americans have inadequate coverage with high deductibles that are a barrier to care and financially risky due to a patchwork of cost protections.<sup>4</sup>
- 2. 29 million Americans lack coverage because of specific gaps in federal and state policy.<sup>5</sup>
- 3. Everyone pays too much for health care as incentives push health care providers and manufacturers to drive up costs instead of driving up value.

#### Problem #1: A Patchwork of Cost Protections

What good is coverage if it doesn't provide access to needed care? Forty-one million working-age adults who have coverage also have high deductibles, copays, and coinsurance (also called out-of-pocket costs), which create an obstacle to care and a financial risk for families. This problem has been growing worse as health care costs have increased. The percentage of non-elderly adults without adequate coverage has jumped from 12% in 2003 to 28% in 2017 according to a survey by the Commonwealth Foundation.<sup>6</sup>

### For an employee earning \$15/hour, it would take 6 weeks of paychecks to cover a \$3,000 deductible.

While deductibles and copayments can help discourage unnecessary use of health care services, they can also discourage necessary care — especially if the cost-sharing requirements are out-of-line with an individual's income. A \$3,000 deductible, which one-in-ten employees have, may not be a major financial obstacle for someone earning \$100,000.7 But for an employee earning \$15/hour, it would take 6 weeks of paychecks to cover the deductible.8

A standard definition of underinsurance sets 10% as the maximum for out-of-pocket costs for most people and 5% for people with incomes under 200% of the poverty level. Deductibles over 5% of income are also considered underinsurance.

Being underinsured is comparable to being uninsured. Forty-one percent of underinsured, non-elderly adults forgo medical care because of costs.<sup>10</sup> That level is not too far from the 59% rate for those who lack insurance for part or all of a year.

### Forty-one percent of underinsured, non-elderly adults forgo medical care because of costs.

The ACA forged a standard for affordability for premium contributions and for out-of-pocket costs. But the standard is inadequate and limited. Unaffordable premiums and underinsurance

are problems found in every type of coverage to varying degrees. In Appendix A, we detail how the underinsured make up 44% of the exchanges, 24% of employer-based coverage, 24% of Medicare recipients, and 26% of Medicaid recipients.

#### **Problem #2: Twenty-Nine Million without Coverage**

Today, more than nine in ten Americans have health care coverage. While that is a massive achievement, the fact is that 29 million people still lack coverage. When fewer people have coverage—especially healthy people—health insurance costs more for the people who have it. While GOP attempts to continually sabotage the ACA have driven up the cost of coverage and will decrease the number of Americans with insurance, the main reasons why uninsured people don't have insurance will stay the same. The chart below identifies the six specific reasons why 29 million people still don't have coverage.<sup>11</sup>

### Who are the 29 Million Without Health Care Coverage?

	%	Millions
Groups of individuals who are eligible for affordable coverage, but not enrolled in free or discounted coverage	67%	19.1
Eligible for free Medicaid, but not enrolled	25%	7.3
Eligible for free or discounted exchange coverage, but not enrolled	28%	8.1
Eligible for employment-based coverage, but not enrolled	13%	3.8
Not eligible for affordable coverage	33%	9.4
People with low-incomes in states that have not expanded Medicaid	8%	2.3
Middle income for whom premiums on the exchanges are not affordable coverage, or upper income	11%	3.0
Undocumented immigrants	14%	4.0

Source: United States, Department of Commerce, Census Bureau. "Health Insurance Coverage in the United States: 2017." 12 Sep. 2018, www.census.gov/library/publications/2018/demo/p60-264.html. Accessed 24 Sep. 2018; See also authors' calculation based on Garfield, Rachel et al., "Estimates of Eligibility for ACA Coverage among the Uninsured in 2016," Kaiser Family Foundation, 19 June 2018, www.kff.org/uninsured/issue-brief/estimates-of-eligibility-for-aca-coverage-among-the-uninsured-in-2016/. Accessed 14 Aug. 2018. See also authors' calculations based on Rae, Matthew, Larry Levitt, and Ashley Semanskee. "How Many of the Uninsured Can Purchase a Marketplace Plan for Less than Their Shared Responsibility Penalty?" Kaiser Family Foundation, 9 Nov. 2017, www.kff.org/health-reform/issue-brief/how-many-of-the-uninsured-can-purchase-a-marketplace-plan-for-less-than-their-shared-responsibility-penalty/. Accessed 14 Aug. 2018.

Strikingly, two out of every three uninsured Americans are actually eligible for free or discounted coverage—whether through Medicaid or a subsidy. But they may face other barriers to enrollment such as the complexity of enrollment or not realizing the importance of coverage to protect their health and finances.

## Two out of every three uninsured Americans are actually eligible for free or discounted coverage—but they may face other barriers to enrollment.

That leaves one in three uninsured people without coverage due to specific problems with public policy. Namely, 14 states have not enacted an expansion of Medicaid for people with incomes up to 138% of the Federal Poverty Level (FPL). Individuals at 400% of the FPL or higher are not protected from insurance premium spikes in the exchanges, which the GOP efforts have made much worse. And coverage for immigrants is a patchwork at best with health insurance coverage rates of 83% for lawfully present immigrants and 61% for undocumented immigrants.<sup>12</sup>

#### Problem #3: High Costs Squeezing Paychecks and Taxpayers

Since 1999, the raises for roughly half the American workforce have gone to support the health care system. Back in the 1980s when health premiums were a smaller portion of total compensation, it was relatively easy for workers to afford the increases in health insurance premiums. But after decades of premiums rising at a faster rate than wages, premium increases have swallowed every cent of the raises for 40% of employees with lower incomes who have no dependents on their health benefits.<sup>13</sup> The situation has been even worse for two-earner couples with children: 60% have not seen an increase in their take-home pay after accounting for inflation.<sup>14</sup>

For example, a married worker with earnings just above the median (between the 50th and 60th percentile) saw a loss of \$1,620 in annual disposable income between 1999 and 2015 due to health care costs. Although their hourly wages rose by about \$3.96 per hour or \$7,920 in terms of annual income over that time period, the total cost of their share and their employer's share of health insurance premiums rose \$4.77 or \$9,540 respectively in 2015 dollars. As the authors of this recent analysis put it, health care costs have become a cancer on the American dream.<sup>15</sup>

#### Premium increases have swallowed every cent of the raises for 40% of employees with lower incomes who have no dependents on their health benefits.

If workers were getting more value for such high spending, it might be a different story. But the US spends, on average, much more per person on health care than any other developed nation and has worse performance across a wide variety of measures, including access to care and health outcomes. Moreover, study after study has found wide variations in health care spending within the US that do not produce better results for patients. In

This variation can help us see the possibility for health care savings right here at home. The US health care system is not monolithic—it's actually comprised of hundreds of mini health care

markets. Some areas of the US have costs that are comparable to other countries. For example, Utah's raw per capita health care costs are less than Switzerland's.<sup>18</sup>

If every region of the nation had the same low costs as the bottom 10% of regions, Medicare and employment-based would cost 11% less overall. Gradually phasing-in those savings adds up to \$1.4 trillion in federal spending over 10 years. 400 pears.

Many studies show a wide variation in costs within regions in the US.<sup>21</sup> For example, Medicare spending in Austin, TX is 27% more than Portland, OR, after accounting for demographic, cost-of-living, and health differences.<sup>22</sup> Employers also face a wide variation in the cost of health benefits for their employees. The cost for employment-based coverage in Houston is 30% more than New York City.<sup>23</sup> This kind of analysis is why economists have concluded there's a high level of waste in health care.

The waste has two parts: excessive services and high prices. In Medicare, the waste is from an incentive structure that pushes too many services (e.g., the number of lab tests, hospitalizations, and follow-up visits). 4 Medicare doesn't waste much due to pricing variation among providers, however, because it uses a standard pricing system throughout the country. In employment-based coverage, waste is equally the result of both excessive services and high prices.

#### The US spends, on average, much more per person on health care than any other developed nation and has worse performance across a wide variety of measures, including access to care and health outcomes.

The root of both sources of waste is the fee–for–service payment system. Today, providers usually receive a fee for every service they provide whether or not it is needed, wanted, or successful. That system creates an incentive for providers to deliver too much care for services that are reimbursed on a piecemeal basis (like tests and office visits) and too few services that often are not reimbursed (like communication with patients and telehealth). Further, since patients don't know what care they need, they and their employers have little leverage in negotiating a price that is fair for individual services. They would have a clearer view of their choices if providers charged a single price for bundles of services like for a knee replacement or for comprehensive care for a patient with a chronic disease like diabetes. Medicare is moving toward such new payments, but employers still lack leverage where providers and health plans don't have competition.

Other sources of waste are duplicate services and administrative overhead. Although providers have largely adopted electronic health records, they don't regularly share that information to create a complete health record that can prevent duplication. One recent study found unnecessary duplicative tests in one-fifth of the digital records they examined.<sup>27</sup> Similarly, the fragmented system for processing health care bills drives administrative costs. A single bill can involve up to four bank accounts. The accounts of the patient, the doctor, and the health plan are the core three. Add to that a flexible spending account, a health reimbursement account, a health savings account, or a wellness account that rewards healthy behaviors, which might all be available to a single person. While bills are usually processed electronically, they often involve entering the same data into a computer multiple times by doctors' offices, patients, and health plans, which

is unnecessary when the transfer of standard digital information is commonplace in most other sectors of the economy.

Under the ACA, the overall cost growth since 2010 slowed to half the rate it was in the previous decade.<sup>28</sup> And Medicare's cost growth has been even lower—one-third of the previous rate.<sup>29</sup> Without a significant new policy direction, however, costs will continue to rise without much benefit. In eight years, health care spending will consume one of every five of the nation's dollars according to federal projections (up from the 18% of the estimate for 2017).<sup>30</sup>

#### The Plan: Cost Caps and Coverage for All

Cost Caps and Coverage for All will make health care universal, stable, and affordable for everyone without disrupting existing coverage through employers, Medicare, Medicaid, and the exchanges. It will protect everyone with a limit on how much they have to pay and guarantees universal coverage. This sweeping policy builds off the architecture of the Affordable Care Act and has two main parts:

- Cost Caps: It caps premiums, deductibles, and other out-of-pocket costs for everyone based on income.
- **Universal Coverage:** It ensures health care is a basic right by automatically covering everyone not currently insured in an affordable plan.

### Part #1: Cost Caps: Cap premiums, deductibles, and other out-of-pocket costs for everyone

Cost Caps and Coverage for All provides a simple guarantee to everyone in the country: you will be protected from paying too much for your health care, no matter where you get your coverage. It accomplishes this through four steps:

- 1. For those in the ACA exchanges: people with low-incomes will pay less in premiums, and those in the middle class will finally have premium protection. Out-of-pocket caps will be fairer across income levels.
- 2. For those in employment-based coverage: out-of-pocket costs will be capped to make it more affordable for individuals, and employers will have options to adjust coverage they provide.
- 3. For those in Medicaid: the current cap on premiums and out-of-pocket costs will be reduced for the most vulnerable.
- 4. For those in Medicare: out-of-pocket caps will be added to help the middle class, and there will be an overall cap on drug costs.

Cost Caps and Coverage for All will make health care universal, stable, and affordable for everyone without disrupting existing coverage through employers, Medicare, and Medicaid. It will limit how much they have to pay and guarantee universal coverage without disruption.

#### Step 1. Protect People in the ACA exchanges

Let's start with the people who get their coverage on the ACA exchanges. In order to cap costs in the exchanges fairly across all income levels, Congress should reduce premium caps for people with low-incomes while adding caps to those in the middle class. It should also smooth out the out-of-pocket costs for all income levels.

Technically, this means Congress should expand cost-sharing reductions to people with incomes from 200% to 400% of FPL as shown in the chart below. It should also extend premium support through subsidies for everyone at 400% of FPL and above, which would end an abrupt cut-off under current law known as the subsidy cliff.

#### **Exchange Cost Caps**

	Premium Contribution Cap as Percentage of Income		Out-of-Pocket Costs Cap as Percentage of Income	
Income as Percentage of Federal Poverty Level (FPL)*	Current	Proposed	Current	Proposed
under 100% of FPL	N/A	0%	N/A	2%
100% of FPL	2%	0%	10%	3%
133% of FPL	2%	0%	10%	4%
150% of FPL	2%	2%	7%	5%
200% of FPL	4%	4%	13%	6%
250% of FPL	7%	7%	13%	7%
300% of FPL	8%	8%	11%	9%
400% of FPL	10%	10%	8%	10%
over 400% of FPL	no cap	10%	8%	10%

<sup>\*</sup>This chart applies to families of four.

Source: Authors' calculations based on United States, Department of Treasury, Internal Revenue Service. "Revenue Procedure 2018-34." https://www.irs.gov/pub/irs-drop/rp-18-34.pdf. Accessed 24 Oct. 2018. See also "Health Insurance Marketplace Calculator." Kaiser Family Foundation, 1 Nov. 2018, https://www.kff.org/interactive/subsidy-calculator/. Accessed 19 Nov. 2018.

#### Step 2. Protect workers in employer-based plans

One hundred fifty-six million people get coverage through their employers, and most are satisfied with it except for the cost.<sup>31</sup> In our proposal, employer-based health coverage will

continue to flourish but out-of-pocket costs will be capped to make it more affordable for individuals. To usher in this change, employers would have various options to adjust the coverage they provide:

- Adopt out-of-pocket caps voluntary. Employers could adapt their current health benefits to the caps shown below. For example, they could vary their deductibles by income as some employers already do while bearing the additional costs of doing so.<sup>32</sup> Under this option and generally, the Cadillac plan tax cap, which imposes a 40% tax on health plans with rich benefits, would be repealed to give employers more flexibility to redesign their benefits to accommodate the caps.
- *Use exchange subsidies*. Employers could continue to offer the same benefits as today and use the exchange subsidies that today are available only to individuals under the ACA. In return for using the exchange subsidies, employers would agree to follow the Cost Caps and Coverage for All limits on employees' health costs. This option could be particularly attractive to employers with lower-wage workers and smaller employers, although administrative costs might be higher. Employment-based plans could continue to self-insure or offer some or all of the health plan choices from the exchanges.

If an employer did not choose either of those options, their employees would have the option to utilize the exchanges in order to get coverage with cost caps. This option would require changing current law that prevents employees from getting subsidized coverage through the exchanges if they can get affordable coverage through their employer. Employers could still provide premium assistance to unsubsidized employees under a new health reimbursement arrangement (HRA) regulation under consideration by the Administration.<sup>33</sup> This new regulation would let employers offer employees the chance to choose the own coverage in the individual market with an employer contribution through an HRA.

#### **Employment-Based Cost Caps**

	Contribu as Pero	oution Cap rcentage ncome  Out-of-Pocket C Cap as Percenta of Income		ercentage
Income as Percentage of Federal Poverty Level (FPL)*	Current**	Proposed	Current	Proposed
under 100% of FPL	***	0%	***	2%
100% of FPL	17%	0%	31%	3%
133% of FPL	15%	0%	24%	4%
150% of FPL	11%	2%	21%	5%
200% of FPL	10%	4%	16%	6%
250% of FPL	10%	7%	13%	7%
300% of FPL	10%	8%	11%	9%
400% of FPL	10%	10%	8%	10%
over 400% of FPL	10%	10%	****	10%

<sup>\*</sup>This chart applies to families of four

Source: Authors' calculations based on United States, Department of Treasury, Internal Revenue Service. "Revenue Procedure 2018-34." https://www.irs.gov/pub/irs-drop/rp-18-34.pdf. Accessed 24 Oct. 2018. See also "Health Insurance Marketplace Calculator." Kaiser Family Foundation, 1 Nov. 2018, https://www.kff.org/interactive/subsidy-calculator/. Accessed 19 Nov. 2018.

The employer mandate from the ACA would no longer be necessary because the protection it provides for workers would be superseded by the cost caps.

#### Step 3. Protect people on Medicaid

To protect individuals on Medicaid, we should make Medicaid's current cap on premiums and out-of-pocket costs consistent with the exchange caps. With this, the caps in Medicaid for adults under 150% of FPL would be lowered as shown in the chart below. States should also have flexibility in how they provide the extra out-of-pocket protection, including combining Medicaid coverage with exchange-based coverage for ease of administration.

<sup>\*\*</sup>Under current law, the employer mandate caps an employee's contribution to individual coverage at 9.86% of income but not for family coverage

<sup>\*\*\*</sup> Percent increases at lower incomes

<sup>\*\*\*\*</sup> Percent decreases at higher income

#### **Medicaid Cost Caps**

Combined Premium Contribution and Out-of-Pocket Cap as Percentage of Income

Income as Percentage of Federal Poverty Level (FPL)*	Current	Proposed	
under 100% of FPL	5%	2%	
100% of FPL	5%	3%	
133% of FPL	5%	4%	
150% of FPL	5%	5%	
200% of FPL**	5%	5%	
250% of FPL**	5%	5%	
300% of FPL**	5%	5%	
400% of FPL**	5%	5%	
over 400% of FPL	N/A	N/A	

<sup>\*</sup>This chart applies to families of four

Source: Authors' calculations based on United States, Department of Health and Human Services, Centers for Medicare and Medicaid Services, Medicaid.gov. "Cost Sharing Out of Pocket Costs." www.medicaid.gov/medicaid/cost-sharing/out-of-pocket-costs/index.html. Accessed 18 Nov. 2018.

#### Step 4. Protect People in Medicare

Finally, Medicare beneficiaries should also be protected with cost caps through improved supplemental coverage. Currently, most beneficiaries already have some form of supplemental coverage (including private supplemental coverage called Medigap, prescription drug coverage called Part D, Medicare Advantage private plans, or the Medicare Savings Program for low-income beneficiaries administered by Medicaid), which provide critical limits on out-of-pocket costs for most beneficiaries. But that supplemental coverage is inadequate to protect low-to-moderate income beneficiaries, and no one in Medicare is guaranteed protection from catastrophic drug costs.

Medicare beneficiaries can have cost protection without disruption or further changes to their existing coverage.

<sup>\*\*</sup>Under current law, the employer mandate caps an employee's contribution to individual coverage at 9.86% of income but not for family coverage

<sup>\*\*\*</sup> Percent increases at lower incomes

<sup>\*\*\*\*</sup> Percent decreases at higher income

To better protect beneficiaries, out-of-pocket caps should be added to Medicare. The Medicare Savings program, which provides supplemental coverage for low-income individuals, should be expanded to help people all the way up to 400% of FPL using 100% federal funding through Medicaid. In addition, the same level of assistance should be available through Medicare Advantage plans similar to the cost-sharing reduction program in the exchanges. Lastly, to protect beneficiaries from catastrophic drug costs, Medicare Part D should have an overall cap on drug costs as proposed by the Administration along with additional measures to constrain drug prices as discussed below in Part #3.34 Medicare beneficiaries can have cost protection without disruption or further changes to their existing coverage.

The result of these changes is summarized in the chart below.

#### **Medicare Cost Caps**

	Premium Contribution Cap as Percentage of Income with Supple- mental Coverage**		Out-of-Pocket Costs Cap as Percentage of Income with Supplemental Coverage**	
Income as Percentage of Federal Poverty Level (FPL)*	Current**	Proposed	Current	Proposed
under 100% of FPL	0%	0%	0%	2%
100% of FPL	0%	0%	0%	3%
133% of FPL	3%	0%	no cap	4%
150% of FPL	11%	2%	по сар	5%
200% of FPL	8%	4%	no cap	6%
250% of FPL	7%	6%	no cap	7%
300% of FPL	6%	6%	no cap	9%
400% of FPL	4%	4%	no cap	10%
over 400% of FPL	***	***	no cap	10%

<sup>\*</sup>This chart applies to individuals in Medicare

Source: Authors' calculations based on Jacobson, Gretchen. "Medicare Advantage 2017 Spotlight: Enrollment Market Update." Kaiser Family Foundation, 6 Jun. 2017, www. kff.org/medicare/issue-brief/medicare-advantage-2017-spotlight-enrollment-mar-ket-update/. See also United States, Department of Health and Human Services, Office of the Assistant Secretary for Planning and Evaluation. "Variation and Trends in Medi-

<sup>\*\*</sup>Supplemental coverage is a Medicare Advantage plan with Rx coverage and average premium.

<sup>\*\*\*</sup>Percent decreases at higher income

### Part #2: Universal Coverage: Automatically cover everyone in an affordable plan.

Cost Caps and Coverage for All would complete the coverage expansions achieved under the ACA, Medicare, and Medicaid to create a system that is stable and secure for every single American. For those unenrolled, or in the individual market, this new system would make coverage automatic and easier for people to navigate — similar to how employment-based coverage often works. In the past, enrollment in individual health care coverage often required waiting for people to apply for it. That leaves out millions who forget to enroll or cannot otherwise navigate the system. Modern health care coverage should be delivered to your doorstep automatically with easy-to-follow instructions. We would accomplish this through four steps:

- 1. *Automatic enrollment:* 14.2 million people who qualify for free coverage but have not enrolled will be automatically enrolled in the best-valued health plan in their region.
- 2. Automatic application: 10.3 million people who qualify for subsidized coverage but have not enrolled will receive an automatic, one-click application to activate coverage for the highest-valued plan in their region.
- 3. *Automatic backstop:* Catastrophic-like coverage through a new program called Critical Care Backstop will be provided for those who remain unenrolled.
- 4. *Medicare–E Option*: Those 55 to 64 years old currently in the individual exchange market will have the option to enroll in an expanded Medicare program.

#### Step 1. Automatic Enrollment

An estimated 14.2 million people who are eligible for free coverage would be automatically enrolled in the best-valued health plan in their region.<sup>35</sup> They would receive multiple notices and have 60 days to opt-out or change plans. In 2017, 4.7 million uninsured people were eligible for free coverage through a health insurance exchange plan but not enrolled.<sup>36</sup> Similarly, in states that have expanded Medicaid coverage, 7.3 million people are eligible for free coverage but not enrolled.<sup>37</sup> And 2.3 million low-income Americans would be eligible for Medicaid if their state had expanded Medicaid.<sup>38</sup> Cost Caps and Coverage for All would provide coverage through the exchanges and Medicaid. It would give states much stronger financial incentives to expand Medicaid as described in the question and answer section below.

# An estimated 14.2 million people who are eligible for free coverage would be automatically enrolled in the best-valued health plan in their region.

This approach builds off Rep. Ami Bera's (D-CA) bill to encourage states to use automatic enrollment and to give states the information available through federal agencies that is needed to determine eligibility for automatic enrollment.<sup>39</sup> Designing and testing new enrollment procedures with consumers will be critical to making automatic coverage successful. For example, changing the open enrollment period from the end of the calendar year to a period that corresponds with filing income taxes could facilitate automatic enrollment based on the most recent income information.

#### **Step 2. Automatic Application**

For people without an option for free coverage, Congress would authorize an auto-application process. An auto-application would use the same data for automatic enrollment for the application. But instead of going as far as automatically enrolling a person, individuals would receive a notice followed by one-click instructions about activating the coverage and authorizing premium payments for the highest-valued plan in their region. <sup>40</sup>

### Auto-application would help a total of 10.3 million people who are uninsured but do not qualify for free coverage.

In order to make auto-enrollment and auto-application fully functional, Congress will have to simplify the ACA eligibility rules and coverage verification systems. For example, to create certainty about the level of financial assistance individuals can receive, individuals should be able to use their previous year's income (or current year income if less than the previous year) to qualify for assistance.

Auto-application would help a total of 10.3 million people who are uninsured but do not qualify for free coverage.<sup>41</sup> This group consists of the following:

- 1. 3.4 million uninsured who qualify for discounted coverage on the exchanges if they pay a portion of the monthly premium. Under the ACA, everyone in this group is already guaranteed to pay no more than 2.1% to 9.9% of their income on premiums.
- 2. 3 million uninsured who cannot get affordable coverage due to widely discussed issues like the family glitch and the subsidy cliff. Together, they provide significant reason for why many low- and middle-income individuals and families have to pay more than 10% of their income. Rep. Frank Pallone (D-NJ) has proposed legislation that provides a good starting point in addressing the remaining holes in ACA protections to make coverage financially affordable for all.<sup>42</sup>
- 3. 3.8 million uninsured who qualify for discounted coverage through their employer but do not enroll. Many employers already provide coverage that costs employees less than 9.9% of their income through an automatic enrollment process. If they do not, then employers could choose to adopt an automatic enrollment process along with using the exchange subsidies as outlined above.

#### Step 3. Automatic Backstop

Anyone who is not otherwise covered and chooses to opt-out of automatic coverage would have an automatic backstop through a new program called Critical Care Backstop. No one in America should have to worry about life-saving treatment because they couldn't enroll in coverage or made a mistake by not enrolling. And health care providers shouldn't have to worry about trying to collect payments from people without coverage.

No one in America should have to worry about life-saving treatment because they couldn't enroll in coverage or made a mistake by not enrolling.

This would essentially function like catastrophic coverage. Critical Care Backstop would provide payment for things like emergencies and cancer treatment. Patient costs would be based on a sliding scale similar to the way community health centers work today. It would be financed through a tax assessment on anyone who doesn't have coverage. While the individual mandate levied a financial penalty, people had to pay the penalty and got nothing in return. Under this plan, they would pay a fee—but then get coverage. Exemptions from the individual mandate penalty, such as not being able to afford the fee, would apply to this new fee.

Critical Care Backstop would not require anyone to sign up for coverage because their bills would be paid regardless through Medicaid. It would apply to everyone without coverage irrespective of an individual's legal residency status as long as they pay federal income taxes. Currently, legal immigrants qualify for coverage and subsidies through the exchanges, but not Medicaid. Cost Caps and Coverage for All would end that policy and also cover the 4 million people in America who are undocumented immigrants and uninsured through Critical Care Backstop.

#### Step 4. Optional Medicare–E Public Plan

For those aged 55 to 64 who are currently participating in the exchanges, a variation of a public plan called Medicare–E ("E" for early start) would have the option using Medicare as a new source of coverage.<sup>43</sup> Currently, a little over three million individuals aged 55 to 64 participate in the exchanges.<sup>44</sup> This step would allow them to enroll in Medicare with the same level of subsidies and benefits they receive today through the exchanges.

Many near-retirees will likely appreciate the security of Medicare and also the continuity of coverage when they eventually turn 65. The earlier Medicare can enroll individuals, the stronger the incentive for Medicare Advantage plans to make investments in individuals' health to prevent chronic diseases like diabetes that have a long-term pay-off.<sup>45</sup>

#### Making the Numbers Add Up

To make health coverage available and affordable for everyone, we need to ensure the overall cost of care is under control and the projected cost increases are dramatically reduced — both nationally and individually. Cost Caps and Coverage for All would focus health care delivery on the best value for patients instead of the highest price, putting patients before the health care industry. It would do this through three steps:

- 1. Replace expensive fee-for-service: Payments to providers will be based on value instead of wasteful fee-for-every-service, and drug manufacturers will be held accountable for the value of prescription drugs.
- 2. Ban surprise bills: Out-of-network charges will be capped and patients will no longer receive surprise bills.
- 3. *Reduce complexity:* A single health record will be provided to all individuals to reduce duplicative services and administrative costs.

Federal budgetary savings from these measures would finance the coverage expansions while lowering projected health care spending as the ACA accomplished. Any remaining costs of the proposal not covered by the actions above would be paid for through targeted tax increases on the wealthy.

#### Step 1. Replace expensive fee-for-service.

Congress needs to replace expensive and wasteful fee-for-service payments with pay-for-value. Value-based payments, which make providers accountable for the quality and cost of care, are gaining traction and come in many shapes and sizes. Take, for example, a knee replacement under a bundled payment. Rather than getting nickel and dimed for everything from anesthesia and bandages to hospital food and physical therapy, health plans and patients pay one "bundled" payment that combines everything into one negotiated price. That gives all providers a strong incentive to work together to get patients back on their feet quickly. Another example of a value-based payment is for an accountable care organization (ACO), which covers all the medical care services that a patient receives. That gives surgeons an incentive to work with home health care aides so patients can successfully recover at home and not have to return to the hospital.

# Cost Caps and Coverage for All would focus health care delivery on the best value for patients instead of the highest price, putting patients before the health care industry.

Under recent legislation, Congress positioned Medicare to lead the movement away from fee-for-service toward value-based care. It is time to make these types of value-based payments ubiquitous throughout the health care system, replacing fee-for-service with pay-for-value.

To usher in a new era of value-based care, Congress should align all Medicare and Medicaid payments under fee-for-service with the amount of money spent for the same care under a payfor-value payment to the maximum extent it is practical.<sup>47</sup>

Congress should also establish a federal financing and support program for the infrastructure and management needed to be accountable for the quality and cost of care. And it should eliminate regulatory barriers to value-based care as Third Way has proposed previously.<sup>48</sup>

Lastly, in addition to the broader efforts to control costs, Congress should protect patients from excessive drug prices by ensuring they only pay for value. The high cost of innovative drugs and biological therapy can be worth it, but only if prices reflect the value to patients. Drug prices today depend on whatever the market will bear. Instead, payments for drugs should be tied to explicit performance metrics that measure the value of drugs and enable health plans, clinicians, and patients to make affordable choices about drugs. Meaningful performance metrics may include preventing or curing disease, stopping or slowing damage from disease, fewer side effects from treatments, and quicker recovery. Such metrics need to be developed and validated by independent organizations like the Patient–Centered Outcomes Research Institute. As Third Way has described in a separate proposal, Congress should take a series of steps to hold manufacturers accountable for the value of a drug or biological therapy including a requirement for performance reporting for all drugs, reduced coverage for less effective drugs, and the elimination of barriers to value–based contracts.<sup>49</sup>

#### Step 2. Ban surprise bills

Fee-for-service payments for out-of-network care in private plans should be capped at a fixed percentage over Medicare prices. The price cap would be phased-in over several years in order

to allow time for providers to switch to pay-for-value. The phase-in would occur faster in areas where health care costs were the highest.

Surprise billing should be banned using a similar method. Surprise bills occur when a patient receives care from an out-of-network provider at an in-network facility. Excessive out-of-network charges can come from providers whom the patient may not even interact with such as the anesthesiologist, pathologist, or radiologist. Congress should prohibit surprise bills for all services provided at in-network facilities by out-of-network providers and emergency department services. To ensure fair-market reimbursement, Congress should set a reimbursement benchmark such as a percentage of the Medicare reimbursement rate for the service or the health plan's average in-network rate for that service. That way, any out-of-network provider who provides services as part of in-network care would receive payments at in-network rates.

#### Step 3. Reduce Complexity

To reduce costs and make health care easier and simpler to use, people need a single record for health records and claim payments. In the past, most people had a health plan that covered nearly everything and one doctor who held much of their medical records. Today, most people need multiple online accounts to get access to their health care records and pay their health care bills. This complexity is inconvenient, frustrating, and wasteful. Consumers would be better served if they could have a single record—encrypted for security—that would consolidate all of their health care records and transactions.

Like financial websites that tie together multiple bank accounts, a single record would bring together multiple types of health accounts into a single point of control for each person. It should also allow individuals to search and conduct transactions across multiple systems.

For example, an employee paying for an out-of-pocket cost must typically deal with three or more separate systems: the provider's billing office, a health plan's claims office, a flexible spending account, and possibly a health reimbursement account or a health savings account. Nearly half of all employers offer multiple combinations of such accounts.<sup>51</sup> While each type of account has its own important role, they all require processing the same basic information multiple times. All that processing time and labor adds up to higher administrative costs for everyone.

Similarly, for patients' medical records, each provider has their own online portal for accessing records and communicating with doctors online, a result of the push for electronic health care records under the Obama Administration. But because no provider has a complete copy of a patient's electronic record, patients receive duplicative testing and providers miss opportunities to coordinate care, which is especially important for people with chronic conditions.

Consolidation of records is starting to occur. For example, Apple has made it possible to download health records from multiples sources onto an iPhone. Some health plans have consolidated the processing of claims from providers and flexible spending account claims. But far more needs to be done to make health care simpler and easier for everyone.

Under Cost Caps and Coverage for All, every individual would have a single record with secure personal identity protection that would consolidate all of their health care transactions—from payment methods (e.g. FSA, HRA) to health information (i.e. electronic medical records). Congress should authorize the Department of Health and Human Services (HHS) to develop a common format for a single record system through a bottom-up, multi-stakeholder process. HHS would

then offer them to Medicare beneficiaries, other public health care programs, and as part of the essential benefits under the ACA. The common format would handle multiple accounts, but also provide a way for individuals to have all of their key transactions in one place just like smartphones bring together apps under a common platform and let users decide which ones to use.

Complexity over health records and claims is not just a convenience issue. If patients cannot use their benefits wisely for the care they truly need, they will run out of financing for it. The problem has become so severe for cancer patients that researchers have coined a term for it: financial toxicity, where bad information and choices actually kill or harm patients.<sup>52</sup>

Together, these cost-saving measures add up to a virtuous cycle of lowering costs and ensuring coverage for everyone. The phase-in of expanded coverage and cost protections would extend over five years. Priority would be for individuals who opt into coverage followed by those who are automatically covered. The total spending for the coverage expansions and cost protections would be \$2.8 trillion over 10 years starting in 2021.<sup>53</sup> The spending would be largely offset by annually cutting 10% of the waste from the variation in health care spending that doesn't benefit patients. The cuts would be spread out over nine years and would be the equivalent of reducing the projected growth rate for per capita Medicare spending by one-third and by one-quarter for employment-based coverage.

The other offset would consist of targeted tax increases on the wealthy such as restoring the federal estate tax to 2009 levels and raising income tax rates in 35% tax bracket and higher (\$200,00 for individuals, \$400,000 for couples) by two percentage points.

For proof of the feasibility for funding coverage expansions and reducing costs at the same time, one need look no further than recent history. Under the ACA, the United States increasingly saved money compared to the costs projected right before it was enacted. At the same time, the portion of the population without coverage fell from nearly 16% to less than 9% as shown in the graph below.<sup>54</sup>

500

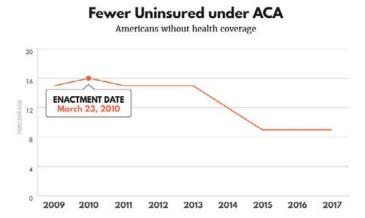
400

300

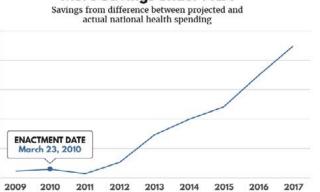
200

100





#### More Savings under ACA



Source: Authors' calculations based on United States, Department of Health and Human Services, Centers for Medicare and Medicaid Services. "National Health Expenditure Data." www.cms.gov/Research-Statistics-Data-and-Systems/Statistics-Trends-and-Reports/NationalHealthExpendData/index.html. Accessed 14, Aug. 2018.

#### **Questions and Answers**

#### What about stabilizing coverage in the exchanges?

Cost Caps and Coverage for All would include permanent funding for market stabilization measures like reinsurance, which helps offset insurer costs for individuals with very high health care expenses. The ACA initially provided initial funding for three years, and permanent funding would help lower premiums as shown in states that have adopted such programs.<sup>55</sup>

#### Would Cost Caps and Coverage for All reduce racial and ethnic health care disparities?

Yes, it would. The lack of coverage is the biggest demographic and economic barrier for the quality of health care that minorities receive. Through our proposal for universal coverage and a cap out-of-pocket costs by income, minority populations will no longer face financial barriers to get the care they need. In addition, it would pay providers based on patients' outcomes through which disparities for racial, ethnic, and economic groups can be readily identified and reduced using payment incentives that reflect the goal of equitable health care.

#### How does value-based care take into account people's unique preferences?

Value-based care is about achieving the best health care for each dollar spent. Determining the best health care depends, in part, on specific measures of patient outcomes (e.g. five-year survival rates from cancer across a diverse population). It also depends on patients' experiences in dealing with side effects from treatment, which patients themselves can answer through surveys. With such information laid out objectively and customized for their characteristics, patients and their providers can make care decisions based on their preferences and circumstances in a process known as <a href="mailto:shared-decision-making.57">shared decision-making.57</a>

#### What happens to people who have high out-of-pocket costs year after year?

While Cost Caps and Coverage for All provides a new level of protection for all individuals, there is room to go even further to help patients with chronic conditions who reach the cap year-after-year. One solution is called value-based insurance design which can lower out-of-pocket cost for people with chronic conditions.<sup>58</sup> Another is first-dollar coverage for chronic disease treatment through health saving accounts, which help patients cover out-of-pocket costs in high deductible policies.<sup>59</sup> Congress should enable both of those solutions and examine other possible solutions like multi-year deductibles.

#### How will employers determine household income to implement cost caps by income level?

Employers currently use an employee's individual income, not family income, to determine whether they are offering coverage that costs less than 10% of the individual's income (as required under the employer mandate). Under Cost Caps and Coverage for All, employees who need family coverage would have cost caps based on their family income. Employees should have the opportunity to report their family income to their health plan confidentially without employers knowing the amount. That way, they can be sure to get the right level of subsidies for their family and avoid having to pay back excessive subsidies, which would be reconciled as part of annual tax filings.

#### What level of benefits would be the basis for the cost caps?

The cost caps would be based on the same level of benefits under the ACA. For example, the premium limits in the ACA are tied to the actuarial value of essential benefits and the second lowest-cost silver plan in an area.

#### Would health reimbursement account contributions from employers count towards caps on out-of-pocket costs?

Yes, they would. Health reimbursement accounts are an important way that employers offset the impact of high deductibles. An HRA contribution for an employee's out-of-pocket costs can be as valuable to employees as the coverage itself.

#### What benefits would Medicare-E cover?

Medicare-E would cover all the essential benefits required under the ACA. And like traditional Medicare, Medicare-E would cover some of those benefits through supplemental coverage, like Medicare's current prescription drug coverage.

#### How would Medicare-E set its premiums?

Medicare–E would set its premiums according its projected expenses for each year and its losses or gains in the previous year. Expenses would include the same health care taxes and fees paid by private plans. Its income and expenses would be accounted for separately in the federal budget.

#### In Medicare-E, would providers be paid at current Medicare levels?

No. Providers serving Medicare–E patients would be paid at the same rates set for the out–of–network limits, which would be set at a percentage higher than Medicare rates. Setting those rates will require consideration of many factors, including the prices that plans currently pay in–network providers and incentives for providers to participate in value–based care arrangements.

#### Will the Critical Care Backstop program include EPSDT for children?

Yes. The Early and Periodic Screening, Diagnostic and Treatment benefit ensures children get comprehensive care for all of their health needs. For children, coverage would be automatic and universal regardless of the status of a parent's coverage. Adults under Critical Care Backstop would not receive coverage for preventive and primary care but would have it available on a sliding scale through community health centers.

#### Would Critical Care Backstop discourage enrollment in Medicaid or the Exchanges?

While some individuals may indeed choose not to enroll in any coverage and pay the tax assessment fee, the impact of Critical Care Backstop on coverage would be minimal for five reasons. First, Medicaid and subsidized exchange coverage will still cover most health care costs and will be a better deal for most people than Critical Care Backstop, which would cover fewer costs for about the same premium contribution. Second, anyone who had not paid any required fee would have to start paying it before receiving care in order to discourage free-riders. Third, the incentives for health plans and providers to encourage enrollment in Medicaid and exchanges from which they will have greater revenue would more than offset any incentive by a state to steer people to Critical Care Backstop, which would be cheaper for the state. Fourth, states would be required to automatically enroll eligible people in Medicaid and the exchanges (if they run their own exchange), which would make it difficult for a state to steer individuals to Critical Care Backstop. Fifth, Critical Care Backstop would be implemented after the automatic coverage and market stabilization measures are fully enacted in order to further minimize disruption.

#### What about states that haven't expanded Medicaid?

States that haven't expanded Medicaid would have five years to do so with the same enhanced federal funding option as states had following the ACA's enactment. After the five-year period, any state that hasn't expanded Medicaid would face a reduction in federal Medicaid funding.<sup>60</sup>

#### Would Medicaid spending be cut due to cost saving initiatives?

No. Although Medicaid would save money from reductions in cost variation and value-based health care, those savings would be used to increase Medicaid's low provider payment rates.

#### How would Cost Caps and Coverage for All be phased in?

Automatic coverage should start with states that are prepared to implement it first with federal funding for the technology start-up costs. Initially, we estimate that 10 states could lead the way and help develop best practices. Within five years, automatic coverage would be implemented nationwide. The phase-in of the cost caps should occur as quickly as possible commensurate with cost savings, and priority should be given to helping individuals who are at the greatest financial risk today. Lastly, the phase-in of limits on fee-for-service payments under Medicare and for employment-based and individual coverage will be phased-in over nine years. The specific annual limits will depend on the development of value-based payments as Third Way has proposed previously. A renewed effort with a revised charter for the Center for Medicare and Medicaid Innovation would help support their rapid development. Congressional deadlines for achieving savings will also be critical.

#### **Appendix A—THE UNDERINSURED**

#### Exchanges—44% Underinsured

Although the exchanges have made premiums affordable for most people in them, they do not provide adequate protection from out-of-pocket costs, which leaves 42% of non-elderly adults financially vulnerable. The existing protections are uneven across income levels. Thanks to a program called cost-sharing reduction (CSR), a family of four with an income \$50,000 per year, which is just under 200% of FPL, has a limit on their potential out-of-pocket costs as high of 7% of their income in 2019 (without the CSR program, the financial risk for that family would be 16% of their income). But with a slightly higher income of \$53,000, that same family would have to face out-of-pocket costs of 13% of their income.

The chart below shows an evenly increasing cap on premiums by income today except at incomes of 400% or higher. The cap on out-of-pocket costs is high and uneven at most income levels. Only at 400% and above does the out-of-pocket cost cap adequately protect people from excessive financial risk.

#### Current Exchange Cost Caps

Income as Percentage of Federal Poverty Level (FPL)*	Premium Contribution Cap as Percentage of Income	Out-of-Pocket Costs Cap as Percentage of Income
under 100% of FPL	N/A	N/A
100% of FPL	2%	10%
133% of FPL	2%	10%
150% of FPL	2%	7%
200% of FPL	4%	13%
250% of FPL	7%	13%
300% of FPL	8%	11%
400% of FPL	10%	8%
over 400% of FPL	no cap	8%

<sup>\*</sup>This chart applies to families of four

**Source:** Authors' calculations based on United States, Department of Treasury, Internal Revenue Service. "Revenue Procedure 2018-34." https://www.irs.gov/pub/irs-drop/rp-18-34.pdf. Accessed 24 Oct. 2018. See also "Health Insurance Marketplace Calculator." Kaiser Family Foundation, 1 Nov. 2018, https://www.kff.org/interactive/subsidy-calculator/. Accessed 19 Nov. 2018.

The lack of a cap on premiums at 400% and more is called the subsidy cliff. Without a cap, premiums rise dramatically around that income level. For example, a couple who are both 55 years old living in Pittsburgh and earning \$65,000 would pay over \$7,000 extra for coverage if their income increased by \$1,000.64

#### **Employment-Based Coverage—28% Underinsured**

For the one-quarter of employees who are underinsured, the financial risks are particularly severe for low-income workers. One-fifth of employees face a \$6,000 maximum for out-of-pocket costs. For a \$15/hour earner, that is 20% of their income.

The ACA has a premium contribution cap for employees as part of the employer mandate, which applies to firms with 50 or more employees. The cap is just under 10% for a premium contribution to individual coverage. The cap is for coverage that covers 70% of an employee's out-of-pocket costs. That leaves \$7,900 of potential out-of-pocket costs in 2019 for employees at all income levels. Thus, lower-wage workers have a much greater financial risk as a percentage of their income as shown in the chart below.

### Current Employment-Based Coverage Cost Caps

Income as Percentage of Federal Poverty Level (FPL)*	Premium Contribution Cap as Percentage of Income**	Out-of-Pocket Costs Cap as Percentage of Income
under 100% of FPL	***	***
100% of FPL	17%	31%
133% of FPL	15%	24%
150% of FPL	11%	21%
200% of FPL	10%	16%
250% of FPL	10%	13%
300% of FPL	10%	11%
400% of FPL	10%	8%
over 400% of FPL	10%	****

<sup>\*</sup>This chart applies to families of four

**Source:** Authors' calculations based on United States, Department of Treasury, Internal Revenue Service. "Revenue Procedure 2018-34." https://www.irs.gov/pub/irs-drop/rp-18-34.pdf. Accessed 24 Oct. 2018. See also "Health Insurance Marketplace Calculator." Kaiser Family Foundation, 1 Nov. 2018, https://www.kff.org/interactive/subsidy-calculator/. Accessed 19 Nov. 2018.

<sup>\*\*</sup>Under current law, the employer mandate caps an employee's contribution to individual coverage at 9.86% of income but not for family coverage

<sup>\*\*\*</sup> Percent increases at lower incomes

<sup>\*\*\*\*</sup> Percent decreases at higher income

Another problem called "the family glitch" stems from the fact that the 10% premium contribution cap does not apply to employees who need family coverage. As a result, employees with family coverage can be required to contribute much more than 10% of their income as shown in the chart.

#### Medicare—24% Underinsured

Even with Medicare's near-universal coverage for older Americans, one in four Medicare beneficiaries are underinsured according to another Commonwealth Fund analysis, which uses somewhat different criteria for being underinsured.<sup>67</sup> One-third of Medicare beneficiaries with incomes under 200% of FPL are underinsured because their costs for premiums and out-of-pocket costs exceed 20% of their income.

The lack of adequate cost protection for Medicare beneficiaries is due to two factors: 1) gaps in supplemental coverage; 2) inadequate support for supplemental coverage for low to moderate-income beneficiaries. Medicare without supplemental coverage pays for 73% of beneficiaries' health care costs (compared to 83–85% for typical employer plans in 2007). Most beneficiaries have some source of supplement coverage, which could be a Medigap plan, a Medicare Advantage plan, a prescription drug plan, a low-income supplement known as Medicare Savings Programs, or various combinations. The prescription drug plan has the biggest gap in coverage because it does not fully protect patients against very high drug costs. The Medicare Savings Programs, which are run by state Medicaid programs, are inadequate because they go up to only 135% of FPL, eligibility criteria vary by state, and enrollment rates are half or lower. The slightly more generous Low-Income Subsidy program for prescription drug phases out at 150% of FPL.

As the chart below shows, the premiums being paid by Medicare beneficiaries between 100% and 250% of FPL are a significant financial burden and nearly all beneficiaries face unlimited financial risk from very expensive drugs.

#### **Current Medicare Cost Caps**

Income as Percentage of Federal Poverty Level (FPL)*	Premium Contribution Cap as Percentage of Income with Supplemental Coverage**	Out-of-Pocket Costs Cap as Percentage of Income
under 100% of FPL	0%	0%
100% of FPL	0%	0%
133% of FPL	3%	no cap
150% of FPL	11%	no cap
200% of FPL	8%	no cap
250% of FPL	7%	no cap
300% of FPL	6%	no cap
400% of FPL	4%	no cap
over 400% of FPL	***	no cap

<sup>\*</sup>This chart applies to individuals in Medicare

#### Medicaid—26% Underinsured

Medicaid, which is intended to help lower-income Americans, is not without problems. With a 26% underinsured rate, Medicaid has similar rates of underinsurance to employer-based coverage. Medicaid puts a 5% cap on the combination of premiums and out-of-pocket costs (the cap for children is lower). While many Medicaid beneficiaries face no cost-sharing as a result of individual state policies, an increasing number face significant financial risk. The amounts they are paying are growing twice as fast as their incomes on average.

In contrast to older Americans in Medicare, the lowest-income Medicaid beneficiaries face costs that are out-of-line with their income level as shown in the chart below.

<sup>\*\*</sup>Supplemental coverage is a Medicare Advantage plan with Rx coverage and average premium.

<sup>\*\*\*</sup>Percent varies at higher incomes

#### **Current Medicaid Cost Caps**

Income as Percentage of Federal Poverty Level (FPL)*	Combined Premium Contribution & Out-of-Pocket Cap as Percentage of Income
under 100% of FPL	5%
100% of FPL	5%
133% of FPL	5%
150% of FPL	5%
200% of FPL**	5%
250% of FPL**	5%
300% of FPL**	5%
400% of FPL**	5%
over 400% of FPL	N/A

<sup>\*</sup>This chart applies to adults in Medicaid. Current caps are lower for children.

**Source:** Authors' calculations based on United States, Department of Health and Human Services, Centers for Medicare and Medicaid Services, Medicaid.gov. "Cost Sharing Out of Pocket Costs." www.medicaid.gov/medicaid/cost-sharing/out-of-pocket-costs/in-dex.html. Accessed 18 Nov. 2018.

<sup>\*\*</sup>In most states, Medicaid eligibility goes no higher than 200% of FPL.

#### **ENDNOTES**

- 1. United States, Congress, Congressional Budget Office. "Budgetary and Economic Effects of Repealing the Affordable Care Act." Report, 19 June 2015, p 9, http://www.cbo.gov/publication/50252. See also Kendall, David and Jacqueline Garry Lambert. "GOP's Waterloo? 10 Consequences from Repealing the ACA." Report, 10 Jan. 2017, www.thirdway.org/report/gops-waterloo-10-consequences-from-repealing-the-aca. Accessed 20 Sept. 2018.
- 2. Authors' calculations based on United States, Department of Health and Human Services, Centers for Medicare and Medicaid Services. National Health Expenditure Data, Historical, NHE Tables, "Table 1: National Health Expenditures; Aggregate and Per Capita Amounts, Annual Percent Change and Percent Distribution: Selected Calendar Years 1960-2016." <a href="https://www.cms.gov/Research-Statistics-Data-and-Systems/Statistics-Trends-and-Reports/NationalHealthExpendData/NationalHealthAccountsHistorical.html">https://www.cms.gov/Research-Statistics-Data-and-Systems/Statistics-Trends-and-Reports/NationalHealthExpendData/NationalHealthAccountsHistorical.html</a>. Accessed 10 Aug. 2018.
- 3. United States, Department of Health and Human Services. "Health Insurance Rights and Protections." www.healthcare.gov/health-care-law-protections/rights-and-protections/. Accessed 20 Sept. 2018.
- 4. Collins, Sara R., Herman K. Bhupal, and Michelle M. Doty. "Health Insurance Coverage Eight Years After the ACA." Commonwealth Fund, 7 Feb. 2019, <a href="https://www.commonwealthfund.org/">www.commonwealthfund.org/</a> publications/issue-briefs/2019/feb/health-insurance-coverage-eight-years-after-aca. Accessed 7 Feb. 2019.
- 5. United States, Department of Commerce, Census Bureau, Edward R. Berchick, Emily Hood, and Jessica C. Barnett. "Health Insurance Coverage in the United States: 2017, Sep. 2018, <a href="https://www.census.gov/library/publications/2018/demo/p60-264.html">www.census.gov/library/publications/2018/demo/p60-264.html</a>. Accessed 2 Nov. 2018.
- 6. Collins, Sara R., Herman K. Bhupal, and Michelle M. Doty. "Health Insurance Coverage Eight Years After the ACA." Commonwealth Fund, 7 Feb. 2019, <a href="https://www.commonwealthfund.org/">www.commonwealthfund.org/</a> publications/issue-briefs/2019/feb/health-insurance-coverage-eight-years-after-aca. Accessed 7 Feb. 2019.
- 7. Claxton, Gary et al. "Employer Health Benefits: 2018 Annual Survey." Kaiser Family Foundation, 2018, p. 111, <u>www.kff.org/health-costs/report/2018-employer-health-benefits-survey/</u>. Accessed 24 Oct. 2018.
- 8. Authors' calculations based on Claxton, Gary et al. "Employer Health Benefits: 2018 Annual Survey." Kaiser Family Foundation, 2018, p. 111, <a href="https://www.kff.org/health-costs/report/2018-employer-health-benefits-survey/">www.kff.org/health-costs/report/2018-employer-health-benefits-survey/</a>. Accessed 24 Oct. 2018.
- 9. Collins, Sara R., Herman K. Bhupal, and Michelle M. Doty. "Health Insurance Coverage Eight Years After the ACA." Commonwealth Fund, 7 Feb. 2019, <a href="https://www.commonwealthfund.org/">www.commonwealthfund.org/</a> publications/issue-briefs/2019/feb/health-insurance-coverage-eight-years-after-aca. Accessed 7 Feb. 2019.
- 10. Collins, Sara R., Herman K. Bhupal, and Michelle M. Doty. "Health Insurance Coverage Eight Years After the ACA." Commonwealth Fund, 7 Feb. 2019, <a href="https://www.commonwealthfund.org/">www.commonwealthfund.org/</a> publications/issue-briefs/2019/feb/health-insurance-coverage-eight-years-after-aca. Accessed 7 Feb. 2019.
- 11. United States, Department of Commerce, Census Bureau. "Health Insurance Coverage in the United States: 2017." 12 Sep. 2018, <a href="https://www.census.gov/library/publications/2018/demo/p60-264">www.census.gov/library/publications/2018/demo/p60-264</a>. <a href="https://ht

- "Estimates of Eligibility for ACA Coverage among the Uninsured in 2016," Kaiser Family Foundation, 19 June 2018, <a href="www.kff.org/uninsured/issue-brief/estimates-of-eligibility-for-aca-coverage-among-the-uninsured-in-2016/">www.kff.org/uninsured/issue-brief/estimates-of-eligibility-for-aca-coverage-among-the-uninsured-in-2016/</a>. Accessed 14 Aug. 2018. See also authors' calculations based on Rae, Matthew, Larry Levitt, and Ashley Semanskee. "How Many of the Uninsured Can Purchase a Marketplace Plan for Less than Their Shared Responsibility Penalty?" Kaiser Family Foundation, 9 Nov. 2017, <a href="www.kff.org/health-reform/issue-brief/how-many-of-the-uninsured-can-purchase-a-marketplace-plan-for-less-than-their-shared-responsibility-penalty/">www.kff.org/health-reform/issue-brief/how-many-of-the-uninsured-can-purchase-a-marketplace-plan-for-less-than-their-shared-responsibility-penalty/</a>. Accessed 14 Aug. 2018.
- 12. "Health Coverage of Immigrants." Kaiser Family Foundation, 13 Dec. 2017, <a href="https://www.kff.org/disparities-policy/fact-sheet/health-coverage-of-immigrants/">www.kff.org/disparities-policy/fact-sheet/health-coverage-of-immigrants/</a>. Accessed 14 Aug. 2018.
- "2006 Kaiser/Hewitt Retiree Health Benefits." Survey Chartpack, Chart 2, Kaiser Family Foundation, 30 Nov. 2006, <a href="https://www.cahc.net/newsroom/2018/9/4/new-report-shows-the-harmful-effect-rising-health-care-costs-have-on-wage-stagnation">www.cahc.net/newsroom/2018/9/4/new-report-shows-the-harmful-effect-rising-health-care-costs-have-on-wage-stagnation</a>. Accessed 24 Sep. 2018. See also Minarik, Joe. "Healthcare Costs, Wage Growth, and Inequality." Committee for Economic Development, <a href="https://www.ced.org/blog/entry/healthcare-costs-wage-growth-and-inequality">https://www.ced.org/blog/entry/healthcare-costs-wage-growth-and-inequality</a>. Accessed 24 Sep. 2018.
- 14. Scheiber, Sylvester J. and Steven A. Nyce. "Health Care USA: A Cancer on the American Dream." Council for Affordable Health Coverage and Willis Towers Watson, Sep. 2018, <a href="https://www.cahc.net/newsroom/2018/9/4/new-report-shows-the-harmful-effect-rising-health-care-costs-have-on-wage-stagnation">www.cahc.net/newsroom/2018/9/4/new-report-shows-the-harmful-effect-rising-health-care-costs-have-on-wage-stagnation</a>. Accessed 24 Sep. 2018.
- 15. Scheiber, Sylvester J. and Steven A. Nyce. "Health Care USA: A Cancer on the American Dream." Council for Affordable Health Coverage and Willis Towers Watson, Sep. 2018, <a href="https://www.cahc.net/newsroom/2018/9/4/new-report-shows-the-harmful-effect-rising-health-care-costs-have-on-wage-stagnation">www.cahc.net/newsroom/2018/9/4/new-report-shows-the-harmful-effect-rising-health-care-costs-have-on-wage-stagnation</a>. Accessed 24 Sep. 2018.
- 16. Scheider, Eric C. et al. "Mirror, Mirror 2017: International Comparison Reflects Flaws and Opportunities for Better U.S. Health Care." Commonwealth Fund, 14 July 2017, www. commonwealthfund.org/publications/fund-reports/2017/jul/mirror-mirror-2017-international-comparison-reflects-flaws-and. Accessed 24 Sep. 2018.
- 17. Institute of Medicine. Variation in Health Care Spending: Target Decision Making, Not Geography. The National Academies Press, 2013, <a href="www.nap.edu/catalog/18393/variation-in-health-care-spending-target-decision-making-not-geography">www.nap.edu/catalog/18393/variation-in-health-care-spending-target-decision-making-not-geography</a>. See also United States, Congress, Medicare Payment Advisory Commission. "Regional Variation in Medicare Part A, Part B, and Part D Spending and Service." Report to the Congress, Sep. 2017, <a href="www.medpac.gov/docs/default-source/reports/sept17\_regionalvariation\_report\_final\_sec.pdf?sfvrsn=0">www.medpac.gov/docs/default-source/reports/sept17\_regionalvariation\_report\_final\_sec.pdf?sfvrsn=0</a>. Accessed 14 Aug. 2018.
- 18. Unadjusted per capita spending means demographic differences not calculated. Authors' calculations based on "Health Expenditure and Financing, 2014." Organisation for Economic Co-operation and Development, <a href="https://stats.oecd.org/Index.aspx?DataSetCode=SHA">https://stats.oecd.org/Index.aspx?DataSetCode=SHA</a>. Accessed 14 Aug. 2018. See also "Health Care Expenditures per Capita by State of Residence, 2014." Kaiser Family Foundation, <a href="https://www.kff.org/other/state-indicator/health-spending-per-capita/?currentTimeframe=0&sortModel=%7B%22colId%22:%22Health%20Spending%20">https://www.kff.org/other/state-indicator/health-spending%20</a>

- per%20Capita%22,%22sort%22:%22desc%22%7D. Accessed 14 Aug. 2018.
- 19. Authors' calculations based on Newhouse, Joseph P. et al. "Variation in Health Care Spending: Target Decision Making, Not Geography." The National Academies of Science, Engineering, and Medicine, 2013, <a href="https://www.nap.edu/catalog/18393/variation-in-health-care-spending-target-decision-making-not-geography">www.nap.edu/catalog/18393/variation-in-health-care-spending-target-decision-making-not-geography</a>. Accessed 14 Aug. 2018.
- 20. Authors' calculations based on Newhouse, Joseph P. et al. "Variation in Health Care Spending: Target Decision Making, Not Geography." The National Academies of Science, Engineering, and Medicine, 2013, <a href="https://www.nap.edu/catalog/18393/variation-in-health-care-spending-target-decision-making-not-geography">www.nap.edu/catalog/18393/variation-in-health-care-spending-target-decision-making-not-geography</a>. Accessed 14 Aug. 2018.
- 21. United States, Congress, Medicare Payment Advisory Commission. "Regional Variation in Medicare Part A, Part B, and Part D Spending and Service." Report to the Congress, Sep. 2017, <a href="https://www.medpac.gov/docs/default-source/reports/sept17\_regionalvariation\_report\_final\_sec.pdf?sfvrsn=0">www.medpac.gov/docs/default-source/reports/sept17\_regionalvariation\_report\_final\_sec.pdf?sfvrsn=0</a>. Accessed 14 Aug. 2018.
- 22. Authors' calculations based on Newhouse, Joseph P. et al. "Variation in Health Care Spending: Target Decision Making, Not Geography." The National Academies of Science, Engineering, and Medicine, 2013, <a href="https://www.nap.edu/catalog/18393/variation-in-health-care-spending-target-decision-making-not-geography">www.nap.edu/catalog/18393/variation-in-health-care-spending-target-decision-making-not-geography</a>. Accessed 14 Aug. 2018.
- 23. Authors' calculations based on Newhouse, Joseph P. et al. "Variation in Health Care Spending: Target Decision Making, Not Geography." The National Academies of Science, Engineering, and Medicine, 2013, <a href="https://www.nap.edu/catalog/18393/variation-in-health-care-spending-target-decision-making-not-geography">www.nap.edu/catalog/18393/variation-in-health-care-spending-target-decision-making-not-geography</a>. Accessed 14 Aug. 2018. See also Cooper, Zack et al. "The Price Ain't Right? Hospital Prices and Health Spending on the Privately Insured." Health Care Pricing Project, p. 54, <a href="https://www.healthcarepricingproject.org/papers/paper-1">www.healthcarepricingproject.org/papers/paper-1</a>. Accessed 14 Aug. 2018. See also Quealy, Kevin and Margot Sanger-Katz. "The Experts Were Wrong About the Best Places for Better and Cheaper Health Care." The New York Times, 15 Dec. 2015. <a href="https://www.nytimes.com/interactive/2015/12/15/upshot/the-best-places-for-better-cheaper-health-care-arent-what-experts-thought.html">www.nytimes.com/interactive/2015/12/15/upshot/the-best-places-for-better-cheaper-health-care-arent-what-experts-thought.html</a>. Accessed 14 Aug. 2018.
- 24. Cooper, Zack et al. "The Price Ain't Right? Hospital Prices and Health Spending on the Privately Insured." Health Care Pricing Project, p. 3, www.healthcarepricingproject.org/papers/paper-1. Accessed 14 Aug. 2018.
- 25. Gottlieb, Daniel J. et al. "Prices Don't Drive Regional Medicare Spending Variations." Health Affairs, Mar. 2010, <a href="https://www.healthaffairs.org/doi/10.1377/hlthaff.2009.0609">www.healthaffairs.org/doi/10.1377/hlthaff.2009.0609</a>. Accessed 14 Aug. 2018.
- 26. Cooper, Zack et al. "The Price Ain't Right? Hospital Prices and Health Spending on the Privately Insured." Health Care Pricing Project, p. 1, <a href="https://www.healthcarepricingproject.org/papers/paper-1">www.healthcarepricingproject.org/papers/paper-1</a>. Accessed 14 Aug. 2018.
- 27. Stewart, Bridget et al. "A Preliminary Look at Duplicate Testing Associated with Lack of Electronic Health Record Interoperability for Transferred Patient." Journal of the American Medical Informatics Association, 1 May 2010, <a href="https://academic.oup.com/jamia/article/17/3/341/742401">https://academic.oup.com/jamia/article/17/3/341/742401</a>. Accessed 30 Oct. 2018.
- 28. Authors' calculations based on United States, Department of Health and Human Services, Centers for Medicare and Medicaid Services. National Health Expenditure Data, Historical, NHE Tables, "Table 1: National Health Expenditures; Aggregate and Per Capita Amounts, Annual Percent Change and Percent Distribution: Selected Calendar Years 1960-2016."

- www.cms.gov/Research-Statistics-Data-and-Systems/Statistics-Trends-and-Reports/ NationalHealthExpendData/NationalHealthAccountsHistorical.html. Accessed 10 Aug. 2018.
- 29. Authors' calculations based on United States, Department of Health and Human Services, Centers for Medicare and Medicaid Services. National Health Expenditure Data, Historical, NHE Tables, "Table 1: National Health Expenditures; Aggregate and Per Capita Amounts, Annual Percent Change and Percent Distribution: Selected Calendar Years 1960-2016." <a href="https://www.cms.gov/Research-Statistics-Data-and-Systems/Statistics-Trends-and-Reports/NationalHealthExpendData/NationalHealthAccountsHistorical.html">https://www.cms.gov/Research-Statistics-Data-and-Systems/Statistics-Trends-and-Reports/NationalHealthExpendData/NationalHealthAccountsHistorical.html</a>. Accessed 10 Aug. 2018.
- 30. United States, Department of Health and Human Services, Centers for Medicare and Medicaid Services. National Health Expenditure Data, Projected, NHE Projections, Table 1: National Health Expenditures and Selected Economic Indicators, Levels and Annual Percent Change: Calendar Years 2010–2026: Selected Calendar Years 2010–2026, <a href="www.cms.gov/Research-Statistics-Data-and-Systems/Statistics-Trends-and-Reports/NationalHealthExpendData/NationalHealthAccountsProjected.html">www.cms.gov/Research-Statistics-Data-and-Systems/Statistics-Trends-and-Reports/NationalHealthExpendData/NationalHealthAccountsProjected.html</a>. Accessed 10 Aug. 2018.
- 31. "Health Insurance Coverage of the Total Population: 2017." State Health Facts, Kaiser Family Foundation, <a href="https://www.kff.org/other/state-indicator/total-population/">https://www.kff.org/other/state-indicator/total-population/</a>. Accessed 6 Feb. 2019. See also Brenan, Megan. "U.S. Healthcare Quality Ratings Among Lowest Since '12." Gallup, 30 Nov. 2017, <a href="https://news.gallup.com/poll/222992/personal-national-healthcare-quality-high-marks.aspx">https://news.gallup.com/poll/222992/personal-national-healthcare-quality-high-marks.aspx</a>. Accessed 28 Nov. 2018; See also "The Value of Employer-Provided Coverage," America's Health Insurance Plans, Feb. 2018, <a href="https://www.ahip.org/esi-survey/">www.ahip.org/esi-survey/</a>. Accessed 28 Nov. 2018.
- 32. Sammer, Joanne. "Tying Health Plan Premiums to Salary Can Aid Lower-Paid Earners." Society for Human Resource Management, 19 Oct. 2017, <a href="https://www.shrm.org/resourcesandtools/hr-topics/benefits/pages/salary-based-health-plan-premiums.aspx">https://www.shrm.org/resourcesandtools/hr-topics/benefits/pages/salary-based-health-plan-premiums.aspx</a>. Accessed 20 Dec. 2018.
- 33. United States, Department of Treasury, Internal Revenue Service. "Notice 2018–88, HRAs." 19 Nov. 2018, <a href="https://content.govdelivery.com/accounts/USIRS/bulletins/21c91eb">https://content.govdelivery.com/accounts/USIRS/bulletins/21c91eb</a>. Accessed 28 Nov. 2018.
- 34. Cubanski, Juliette. "What's in the Administration's 5-Part Plan for Medicare Part D and What Would it Mean for Beneficiaries and Program Savings?" Kaiser Family Foundation, June 2018. Accessed 19 Nov. 2018.
- Author's calculation based on Garfield, Rachel et al., "Estimates of Eligibility for ACA Coverage among the Uninsured in 2016," Kaiser Family Foundation, 19 June 2018, <a href="https://www.kff.org/uninsured/issue-brief/estimates-of-eligibility-for-aca-coverage-among-the-uninsured-in-2016/">https://www.kff.org/uninsured/issue-brief/estimates-of-eligibility-for-aca-coverage-among-the-uninsured-in-2016/</a>. Accessed 14 Aug. 2018. See also Rae, Matthew, Larry Levitt, and Ashley Semanskee "How Many of the Uninsured Can Purchase a Marketplace Plan for Less Than Their Shared Responsibility Penalty?" Kaiser Family Foundation, 9 Nov. 2017, <a href="https://www.kff.org/health-reform/issue-brief/how-many-of-the-uninsured-can-purchase-a-marketplace-plan-for-less-than-their-shared-responsibility-penalty/">https://www.kff.org/health-reform/issue-brief/how-many-of-the-uninsured-can-purchase-a-marketplace-plan-for-less-than-their-shared-responsibility-penalty/</a>. Accessed 14 Aug. 2018.
- 36. Authors' calculations based on Rae, Matthew, Larry Levitt, and Ashley Semanskee "How Many of the Uninsured Can Purchase a Marketplace Plan for Less than Their Shared Responsibility Penalty?" Kaiser Family Foundation, 9 Nov. 2017, <a href="https://www.kff.org/health-reform/issue-brief/how-many-of-the-uninsured-can-purchase-a-marketplace-plan-for-less-than-their-shared-responsibility-penalty/">https://www.kff.org/health-reform/issue-brief/how-many-of-the-uninsured-can-purchase-a-marketplace-plan-for-less-than-their-shared-responsibility-penalty/</a>. Accessed 14 Aug. 2018.
- 37. Rachel et al., "Estimates of Eligibility for ACA Coverage among the Uninsured in 2016," Kaiser

- Family Foundation, 19 June 2018, <a href="https://www.kff.org/uninsured/issue-brief/estimates-of-eligibility-for-aca-coverage-among-the-uninsured-in-2016/">https://www.kff.org/uninsured/issue-brief/estimates-of-eligibility-for-aca-coverage-among-the-uninsured-in-2016/</a>. Accessed 14 Aug. 2018.
- 38. Rachel et al., "Estimates of Eligibility for ACA Coverage among the Uninsured in 2016," Kaiser Family Foundation, 19 June 2018, <a href="https://www.kff.org/uninsured/issue-brief/estimates-of-eligibility-for-aca-coverage-among-the-uninsured-in-2016/">https://www.kff.org/uninsured/issue-brief/estimates-of-eligibility-for-aca-coverage-among-the-uninsured-in-2016/</a>. Accessed 14 Aug. 2018.
- 39. United States, Congress, House. Pathway to Universal Coverage Act of 2018. Congress.gov, <a href="https://www.congress.gov/bill/115th-congress/house-bill/5624">www.congress.gov/bill/115th-congress/house-bill/5624</a>. 115th Congress, 2nd session, House Resolution 5624, introduced 3 May 2018. Accessed 14 Aug. 2018.
- For a discussion of auto-enrollment in the highest-value plan, see Kendall, David and Elizabeth Quill. "Rethinking Medicare Enrollment: Make High-Value Health Coverage the Easy Choice." Third Way, 19 Aug. 2015, <a href="https://www.thirdway.org/report/rethinking-medicare-enrollment-make-high-value-health-coverage-the-easy-choice">https://www.thirdway.org/report/rethinking-medicare-enrollment-make-high-value-health-coverage-the-easy-choice</a>. Accessed 28 Nov. 2018.
- 41. Author's calculation based on Garfield, Rachel et al., "Estimates of Eligibility for ACA Coverage among the Uninsured in 2016," Kaiser Family Foundation, 19 June 2018, <a href="https://www.kff.org/uninsured/issue-brief/estimates-of-eligibility-for-aca-coverage-among-the-uninsured-in-2016/">https://www.kff.org/uninsured/issue-brief/estimates-of-eligibility-for-aca-coverage-among-the-uninsured-in-2016/</a>. Accessed 14 Aug. 2018. See also Rae, Matthew, Larry Levitt, and Ashley Semanskee "How Many of the Uninsured Can Purchase a Marketplace Plan for Less Than Their Shared Responsibility Penalty?" Kaiser Family Foundation, 9 Nov. 2017, <a href="https://www.kff.org/health-reform/issue-brief/how-many-of-the-uninsured-can-purchase-a-marketplace-plan-for-less-than-their-shared-responsibility-penalty/">https://www.kff.org/health-reform/issue-brief/how-many-of-the-uninsured-can-purchase-a-marketplace-plan-for-less-than-their-shared-responsibility-penalty/</a>. Accessed 14 Aug. 2018.
- 42. United States, Congress, House. Undo Sabotage and Expand Affordability of Health Insurance Act of 2018. Congress.gov, <a href="https://www.congress.gov/bill/115th-congress/house-bill/5155">www.congress.gov/bill/115th-congress/house-bill/5155</a>. 115th Congress, 2nd session, House Resolution 5155, introduced 5 Mar. 2018. Accessed 14 Aug. 2018.
- 43. Medicare Part E—Early Start is different from a proposal by Anderson, Gerard F. and Hugh R. Waters. "Medicare Part E(veryone)." Brookings, 1 Jul. 2007, <a href="www.brookings.edu/research/">www.brookings.edu/research/</a> achieving-universal-coverage-through-medicare-part-everyone/. Another proposal to expand Medicare for 55 to 64-year olds is by Bodenheimer, Thomas "A New Plan to Rescue the ACA: Medicare-At-55." Blog, Health Affairs, 16 Oct. 2017: <a href="https://www.healthaffairs.org/do/10.1377/">https://www.healthaffairs.org/do/10.1377/</a> hblog20171022.860990/full/; See also Marans, Daniel. "Senate Democrats Introduce Bill Allowing Medicare Buy-In At 55," Huffington Post, 4 Aug. 2017. <a href="https://www.huffingtonpost.com/entry/democrats-medicare-expansion\_us\_598491c6e4b041356ebf7569">https://www.huffingtonpost.com/entry/democrats-medicare-expansion\_us\_598491c6e4b041356ebf7569</a>. Accessed 14 Aug. 2018. See also United States, Congress, Senate. Medicare at 55 Act. Congress.gov, <a href="https://www.congress.gov/bill/115th-congress/senate-bill/1742">https://www.congress.gov/bill/115th-congress/senate-bill/1742</a>. 115th Congress, 1st session, House Resolution 5155, introduced 5 Mar. 2018. Accessed 14 Aug. 2018.
- 44. United States, Department of Health and Human Services, Office of the Assistant Secretary for Planning and Evaluation. "Health Insurance Marketplaces 2016 Open Enrollment Period: Final Enrollment Report." 11 Mar. 2016, <a href="https://www.aspe.hhs.gov/pdf-report/health-insurance-marketplaces-2016-open-enrollment-period-final-enrollment-report">www.aspe.hhs.gov/pdf-report/health-insurance-marketplaces-2016-open-enrollment-period-final-enrollment-report</a>. Accessed 14 Aug. 2018.
- 45. Avalere Health. "Medicare Savings-Diabetes Prevention." Third Way, 16 Dec. 2014, <a href="https://www.thirdway.org/report/medicare-savings-diabetes-prevention">https://www.thirdway.org/report/medicare-savings-diabetes-prevention</a>. Accessed 14 Aug. 2018.
- 46. Under the ACA and subsequently under the Medicare Access and CHIP Reauthorization Act of 2015.
- 47. Kendall, David and Jacqueline Garry Lampert. "Bundled Payments: A Stable Foundation for Medicare Financing." Third Way, 16 Dec. 2015, https://www.thirdway.org/report/bundled-

- payments-a-stable-foundation-for-medicare-financing. Accessed 28 Nov. 2018.
- 48. Regulatory barriers can be eliminated by modernizing (but not eliminating) the Anti-Kickback Statute, the Stark Law (which prevents physician self-referral), the Medicaid best-price rule for prescription drugs, and FDA communication rules. See also Lambert, Jacqueline Garry and David Kendall. "Clearing a Regulatory Path for Value-Based Health Care." Third Way, 23 Mar. 2018, https://www.thirdway.org/report/clearing-a-regulatory-path-for-value-based-health-care. Accessed 28 Nov. 2018.
- 49. Kendall, David. "To Fight High Drug Prices, You Have to Be Focused." Third Way, 26 Oct. 2018, www.thirdway.org/blog/to-fight-high-drug-prices-you-have-to-be-focused. Accessed 26. Oct. 2018.
- Mitchell, Billy. "White House Hosts Developers Conference on Blue Button 2.0." FedScoop, 13 Aug. 2018, <a href="https://www.fedscoop.com/white-house-hosts-developers-conference-blue-button-2-0/">www.fedscoop.com/white-house-hosts-developers-conference-blue-button-2-0/</a>. See also Kendall, David and Elizabeth Quill. "A Lifetime Electronic Health Record for Every American." Third Way, 28 May 2018, <a href="https://www.thirdway.org/report/a-lifetime-electronic-health-record-for-every-american">https://www.thirdway.org/report/a-lifetime-electronic-health-record-for-every-american</a>. Accessed 28 Nov. 2018.
- 51. "FSA, HSA & HRA Report: Trends & Predictions." Flexible Benefit Service Corporation, June 2015, p. 5, www.flexiblebenefit.com/sites/default/files/Flex-FSA-HSA-HRA-Report-Trends-Predictions.pdf. Accessed 28 Nov. 2018.
- 52. Zafar, S. Yousuf. "Financial Toxicity of Cancer Care: It's Time to Intervene." Journal of the National Cancer Institute, Volume 108, Issue 5, 1 May 2016, <a href="https://academic.oup.com/jnci/article/108/5/djv370/2412415">https://academic.oup.com/jnci/article/108/5/djv370/2412415</a>. Accessed 14 Aug. 2018.
- 53. Authors' calculations based on United States, Congress, Congressional Budget Office. "Federal Subsidies for Health Insurance Coverage for People Under Age 65: 2018 to 2028." Report, 23 May 2018, <a href="https://www.cbo.gov/publication/53826">www.cbo.gov/publication/53826</a>. Accessed 28 Nov. 2018. See also United States, Congress, Congressional Budget Office. "Details about Baseline Projections for Selected Programs." Apr. 2018, <a href="https://www.cbo.gov/about/products/baseline-projections-selected-programs#10">www.cbo.gov/about/products/baseline-projections-selected-programs#10</a>. Accessed 28 Nov. 2018. See also United States, Congress, Congressional Budget Office. "Options for Reducing the Deficit: 2019 to 2028." Report, 13 Dec. 2018, <a href="https://www.cbo.gov/publication/54667">www.cbo.gov/publication/54667</a>. See also Newhouse, Joseph P. et al. "Variation in Health Care Spending: Target Decision Making, Not Geography." The National Academies of Science, Engineering, and Medicine, 2013, <a href="https://www.nap.edu/catalog/18393/variation-in-health-care-spending-target-decision-making-not-geography">www.nap.edu/catalog/18393/variation-in-health-care-spending-target-decision-making-not-geography</a>. Accessed 14 Aug. 2018.
- 54. Authors' calculations based on United States, Department of Health and Human Services, Centers for Medicare and Medicaid Services. "National Health Expenditure Data." <a href="https://www.cms.gov/Research-Statistics-Data-and-Systems/Statistics-Trends-and-Reports/NationalHealthExpendData/index.html">https://www.cms.gov/Research-Statistics-Data-and-Systems/Statistics-Trends-and-Reports/NationalHealthExpendData/index.html</a>. Accessed 14 Aug. 2018.
- Schwab, Rachel, Emily Curran, and Sabrina Corlette. "Assessing the Effectiveness of State-Based Reinsurance: Case Studies of Three States' Efforts to Bolster Their Individual Markets." Center on Health Insurance Reforms, Georgetown University, Nov. 2018, <a href="http://chirblog.org/new-georgetown-report-assessing-effectiveness-state-based-reinsurance/">http://chirblog.org/new-georgetown-report-assessing-effectiveness-state-based-reinsurance/</a>. Accessed 28 Nov. 2018.
- 56. United States, Department of Health and Human Services. "HHS Action Plan to Reduce Racial and Ethnic Health Disparities." Nov. 2015, https://aspe.hhs.gov/basic-report/hhs-action-plan-reduce-racial-and-ethnic-health-disparities-implementation-progress-report-2011-2014.

- Accessed 18 Nov. 2018.
- 57. Kendall, David and Elizabeth Quill. "Medical Discussion Guides: Less Confusion, Better Decisions for Patients." Third Way, 5 Mar. 2015, <a href="https://www.thirdway.org/report/medical-discussion-guides-less-confusion-better-decisions-for-patients">https://www.thirdway.org/report/medical-discussion-guides-less-confusion-better-decisions-for-patients</a>. Accessed 21 Jan. 2019.
- 58. Beaton, Thomas. "How to Improve Cost Sharing to Enhance Chronic Disease Management." HealthPayer Intelligence, 31 Jul. 2018, https://healthpayerintelligence.com/news/how-to-improve-cost-sharing-to-enhance-chronic-disease-management. Accessed 28 Nov. 2018.
- 59. United States, Congress, Senate. The Chronic Disease Management Act. Congress.gov, <u>www.congress.gov/bill/115th-congress/senate-bill/2410</u>. 115th Congress, 2nd session, Senate Resolution 2410.
- 60. Lambrew, Jeanne and Jen Mishory. "Closing the Medicaid Coverage Gap." The Century Foundation, 31 Jul. 2018, <a href="https://tcf.org/content/report/closing-medicaid-coverage-gap/">https://tcf.org/content/report/closing-medicaid-coverage-gap/</a>. Accessed 17 Jan. 2019.
- 61. Kendall, David and Jacqueline Garry Lampert. "Bundled Payments: A Stable Foundation for Medicare Financing." Third Way, 16 Dec. 2015, <a href="https://www.thirdway.org/report/bundled-payments-a-stable-foundation-for-medicare-financing">https://www.thirdway.org/report/bundled-payments-a-stable-foundation-for-medicare-financing</a>. Accessed 28 Nov. 2018.
- 62. Collins, Sara R., Herman K. Bhupal, and Michelle M. Doty. "Health Insurance Coverage Eight Years After the ACA." Commonwealth Fund, 7 Feb. 2019, <a href="https://www.commonwealthfund.org/">www.commonwealthfund.org/</a> publications/issue-briefs/2019/feb/health-insurance-coverage-eight-years-after-aca. Accessed 7 Feb. 2019.
- 63. Authors' calculations based on United States, Department of Treasury, Internal Revenue Service. "Revenue Procedure 2018–34." <a href="https://www.irs.gov/pub/irs-drop/rp-18-34.pdf">https://www.irs.gov/pub/irs-drop/rp-18-34.pdf</a>. Accessed 24 Oct. 2018. See also "Health Insurance Marketplace Calculator." Kaiser Family Foundation, 1 Nov. 2018, <a href="https://www.kff.org/interactive/subsidy-calculator/">https://www.kff.org/interactive/subsidy-calculator/</a>. Accessed 19 Nov. 2018.
- 64. Authors' calculations based on "Health Insurance Marketplace Calculator." Kaiser Family Foundation, 1 Nov. 2018, <a href="https://www.kff.org/interactive/subsidy-calculator/">https://www.kff.org/interactive/subsidy-calculator/</a>. Accessed 19 Nov. 2018.
- 65. Collins, Sara R., Herman K. Bhupal, and Michelle M. Doty. "Health Insurance Coverage Eight Years After the ACA." Commonwealth Fund, 7 Feb. 2019, <a href="https://www.commonwealthfund.org/">www.commonwealthfund.org/</a> publications/issue-briefs/2019/feb/health-insurance-coverage-eight-years-after-aca. Accessed 7 Feb. 2019.
- 66. Claxton, Gary et al. "Employer Health Benefits: 2018 Annual Survey." Kaiser Family Foundation, 2018, p. 111, <a href="https://www.kff.org/health-costs/report/2018-employer-health-benefits-survey/">www.kff.org/health-costs/report/2018-employer-health-benefits-survey/</a>. Accessed 24 Oct. 2018.
- 67. This analysis of underinsurance is different from the measures of underinsurance for the exchanges, Medicaid, and employment-based coverage in three key respects: 1) it does not include beneficiaries whose deductible exceeds 5% of income; 2) it does not include the segment of low-income beneficiaries whose out-of-pocket costs are between 5% and 10% of income; 3) it does include out-of-pocket costs for long term, dental, and vision care. Schoen, Cathy, Karen Davis, and Amber Willink. "Medicare Beneficiaries' High Out-of-Pocket Costs: Cost Burdens by Income and Health Status." Commonwealth Fund, May 2017, <a href="https://www.commonwealthfund.org/publications/issue-briefs/2017/may/medicare-beneficiaries-high-out-">https://www.commonwealthfund.org/publications/issue-briefs/2017/may/medicare-beneficiaries-high-out-</a>

- pocket-costs-cost-burdens-income. Accessed 12 Nov. 2018.
- 68. McArdle, Frank et al. "How Does the Benefit Value of Medicare Compare to the Benefit Value of Typical Large Employer Plans? A 2012 Update." Kaiser Family Foundation, Apr. 2012, p. 12, www.kff.org/health-reform/issue-brief/how-does-the-benefit-value-of-medicare/. Accessed 18 Nov. 2018.
- 69. Trish, Erin, Jianhui Xu, and Geoffrey Joyce. "No Limit: Medicare Part D Enrollees Exposed to High Out-of-Pocket Drug Costs without a Hard Cap on Spending." Health Affairs, Jul. 2018, <a href="https://www.healthaffairs.org/doi/10.1377/hlthaff.2018.0006">https://www.healthaffairs.org/doi/10.1377/hlthaff.2018.0006</a>. Accessed 18 Nov. 2018; See also Cubanski, Juliette, Anthony Damico, and Tricia Neuman. "Medicare Part D in 2018: The Latest on Enrollment, Premiums, and Cost Sharing." Kaiser Family Foundation, 17 May 2018, <a href="https://www.kff.org/medicare/issue-brief/medicare-part-d-in-2018-the-latest-on-enrollment-premiums-and-cost-sharing/">https://www.healthaffairs.org/doi/10.1377/hlthaff.2018.0006</a>. Accessed 18 Nov. 2018.
- 70. United States, Congress, Medicaid and CHIP Payment and Access Commission "Medicare Savings Programs: New Estimates Continue to Show Many Eligible Individuals Not Enrolled." Aug. 2017, <a href="https://www.macpac.gov/publication/medicare-savings-programs-new-estimates-continue-to-show-many-eligible-individuals-not-enrolled/">https://www.macpac.gov/publication/medicare-savings-programs-new-estimates-continue-to-show-many-eligible-individuals-not-enrolled/</a>. Accessed 18 Nov. 2018.
- 71. Collins, Sara R., Munira Z. Gunja, and Michelle Doty. "How Well Does Insurance Coverage Protect Consumers from Health Care Costs?" Commonwealth Fund, Oct. 2017, <a href="https://www.commonwealthfund.org/publications/issue-briefs/2017/oct/how-well-does-insurance-coverage-protect-consumers-health-care">https://www.commonwealthfund.org/publications/issue-briefs/2017/oct/how-well-does-insurance-coverage-protect-consumers-health-care</a>. Accessed 24 Oct. 2018.
- Policies as of January 2018: Findings from a 50-State Survey." Kaiser Family Foundation, 21 Mar. 2018, https://www.kff.org/medicaid/report/medicaid-and-chip-eligibility-enrollment-renewal-and-cost-sharing-policies-as-of-january-2018-findings-from-a-50-state-survey/. Accessed 18 Nov. 2018.
- 73. Broaddus, Matt and Leighton Ku. "Out-of-Pocket Medical Expenses for Medicaid Beneficiaries Are Substantial and Growing." Center on Budget and Policy Priorities, 31 May 2005, <a href="https://www.cbpp.org/research/out-of-pocket-medical-expenses-for-medicaid-beneficiaries-are-substantial-and-growing">www.cbpp.org/research/out-of-pocket-medical-expenses-for-medicaid-beneficiaries-are-substantial-and-growing</a>. Accessed 28 Nov. 2018.