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5	PROTECTING CONSUMER PRIVACY IN THE ERA OF BIG DATA
6	TUESDAY, FEBRUARY 26, 2019
7	House of Representatives
8	Subcommittee on Consumer Protection
9	and Commerce
10	Committee on Energy and Commerce
11	Washington, D.C.
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15	The subcommittee met, pursuant to call, at 10:00 a.m.,
16	in Room 2123 of the Rayburn House Office Building, Hon. Jan
17	Schakowsky [chair of the subcommittee] presiding.
18	Members present: Representatives Schakowsky, Castor,
19	Veasey, Lujan, Cardenas, Blunt Rochester, Soto, Matsui,
20	McNerney, Dingell, Kelly, O'Halleran, Pallone (ex officio),
21	McMorris Rodgers, Upton, Latta, Bucshon, Carter, Gianforte,
22	and Walden (ex officio).
23	Staff present: Jeff Carroll, Staff Director; Elizabeth

	posted on the Committee's website as soon as it is available.
24	Ertel, Office Manager; Evan Gilbert, Press Assistant; Lisa
25	Goldman, Counsel; Waverly Gordon, Deputy Chief Counsel;
26	Tiffany Guarascio, Deputy Staff Director; Alex Hoehn-Saric,
27	Chief Counsel, Communications and Technology; Zach Kahan,
28	Outreach and Member Service Coordinator; Dan Miller, Policy
29	Analyst; Joe Orlando, Staff Assistant; Kaitlyn Peel, Digital
30	Director; Tim Robinson, Chief Counsel; Chloe Rodriguez,
31	Policy Analyst; Mike Bloomquist, Minority Staff Director;
32	Adam Buckalew, Minority Director of Coalitions and Deputy
33	Chief Counsel, Health; Jordan Davis, Minority Senior Advisor;
34	Melissa Froelich, Minority Chief Counsel, CPAC; Peter Kielty,
35	Minority General Counsel; Bijan Koohmaraie, Minority Counsel,
36	CPAC; Ryan Long, Minority Deputy Staff Director; Brannon
37	Rains, Minority Staff Assistant; and Greg Zerzan, Minority
38	Counsel, CPAC.
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posted on the Committee's website as soon as it is available.

51 Ms. Schakowsky. The Committee on Consumer Protection 52 and Commerce will now be called to order.

So I am going to begin with a few comments that are off the clock and then invite our ranking member to do the same.

I am going to say good morning and thank you all for joining us today. And before we officially start the hearing, I would like to welcome you to the first Consumer Protection and Commerce Subcommittee of the 116th Congress.

Consumer protection has long been my passion and what first drew me to public life. I like to call our subcommittee the nation's legislative helpline because we field consumer complaints. The subcommittee's jurisdiction is vast in scope, ranging from the safety of cars to consumer product defects to consumer fraud, both online and offline.

In the past, when Democrats controlled the House, this subcommittee was responsible for making pools and children's products safer, increased the fuel efficiency of cars, and made sure that agencies aggressively protect consumers over corporate interests. Under my leadership this subcommittee

will be extremely active and push companies and the administration to put consumers first.

I look forward to working with Ranking Member McMorris-Rodgers. I believe there are so many issues on which we will be able to work together in a bipartisan way. I would also like to welcome several new Democratic members,

Representative Mark Veasey from Texas -- let's see, where I am looking the wrong way, okay -- and Robin Kelly from Illinois, my home state; Tom O'Halleran from Arizona; Lisa Blunt Rochester from Delaware; and Darren Soto from Florida, are all new to the Energy and Commerce Committee and they also were smart enough to pick this best subcommittee at a very exciting time.

I also welcome back many familiar faces and appreciate your continued commitment to consumer protection issues. And I would like to thank Tony Cardenas for serving as my vice chair of the subcommittee and he will provide the subcommittee with invaluable leadership.

And, finally, I would like to recognize the return of my friend Debbie Dingell. Over the past 2 weeks we have mourned the passing of her husband, John Dingell, who was so important to this committee over the years and a friend to so many. Debbie has been a stalwart, but I know it has been a

93 difficult time. 94 Debbie, you have all of our sympathy and support from 95 the entire subcommittee. And with the indulgence of my 96 ranking member just to let Debbie say a few words. 97 Debbie? 98 Mrs. Dingell. I just want to thank you and all of my 99 colleagues. John Dingell loved this committee. He thought 100 the work that they did was very important and I hear him in 101 my ear going, "Woman, get on," and hearing him in the ears of 102 everybody, "Work together for the American people." 103 you. Ms. Schakowsky. I have been reminded that Darren Soto's 104 birthday is today? Oh, yesterday. Okay, never mind. 105 106 Okay. So Ranking Member McMorris Rodgers, would you 107 like to take a couple of minutes to welcome your new members 108 as well? 109 Mrs. McMorris Rodgers. Thank you. Thank you, Madam 110 Chair and to all the members of the committee. Welcome to 111 the committee, and I too want to extend my heartfelt thoughts 112 and prayers to Debbie and so appreciate her friendship, her 113 leadership on this committee, and I would join in saying 114 let's work together. As John Dingell would challenge us,

let's work together for the American people. And it is great

116 to have you back, Debbie.

To the new members of the committee I would like to recognize some of the newest members on our side of the aisle. Mr. Hudson from North Carolina, he will be here shortly, Mr. Carter from Georgia, Mr. Gianforte from Montana, and I also have the privilege of having former chairmen on this side of the aisle, Bob Latta and Burgess as well as full committee chairmen on this subcommittee.

Look forward to working with you, Madam Chair, on putting consumers first while ensuring that we continue to celebrate the innovation and all that it has meant to the American way of life and improving our quality of life. As Americans we have led the world in technology and innovation and I look forward to the many issues that are before this committee and working to find that bipartisan ground wherever possible. Thank you.

Ms. Schakowsky. Let's shake on that.

Mrs. McMorris Rodgers. All right.

Ms. Schakowsky. All right. So I yield myself 5 minutes now for an opening statement. And as I said earlier, our subcommittee is the nation's legislative helpline and our first hearing, Protecting Consumer Privacy in the Era of Big Data, couldn't be more timely because the phone at the end of

the helpline is definitely ringing off the hook.

According to a recent survey, over 80 percent of U.S. adults were not very confident in the security of personal information held by social media, retail, and travel and travel companies, and 67 percent wanted the government to act to protect them. There is good reason for consumer suspicion. Modern technology has made the collection, analysis, sharing, and the sale of data both easy and profitable.

Personal information is mined from Americans with little regard for the consequences. In the last week alone, we learned that Facebook exposed individual private health information and they thought was -- that consumers thought was protected in closed groups, and collected -- and Facebook also collected data from third-party app developers on issues as personal as women's menstrual cycle and cancer treatment. People seeking solace may instead find increased insurance rates as a result of the disclosure of that information.

But Facebook isn't alone. We have seen the data collection industry transform from a nascent industry most Americans haven't heard of to an economic powerhouse gobbling up every piece of consumer data it can both online and offline. While many companies claim to provide notice and

choice to consumers, the truth is that they provide little reason for believing we are protected.

Who has the time to wade through the dozens of privacy policies that impact them? How many people think about being trapped through their phone or by the overhead light in the store? And often, only choice, the only choice that we have to avoid data collection is not to go to the store or to use the app. Reports of the abuse of personal information undoubtedly give Americans the creeps.

But this data isn't being collected to give you the creeps. It is being done to control markets and make a profit. Without a comprehensive, federal privacy law the burden has fallen completely on consumers to protect themselves and this has to end. Without a doubt, there are legitimate and beneficial reasons for consumers to use personal -- for companies to use personal information, but data collection must come with responsibilities. There should be limits on the collection of consumers' data and on the use and sharing of their personal information.

My goal is to develop strong, sensible legislation that provides meaningful protection for consumers while promoting competitive markets and restoring America's faith in business and government. Rules alone though are not enough. We also

need aggressive enforcement. Unfortunately, in recent years the Federal Trade Commission's enforcement action have done little to curb the worst behavior in data collection and data security.

Any legislation must give federal regulators the tools to take effective action to protect consumers. It is important to equip regulators and enforcers with the tools and funding necessary to protect privacy, but it is also critical to make sure that requests for more tools and privacy are not used as a excuse for inaction. We must understand why the FTC hasn't used its existing suite of tools to the full extent such as section 5 authority to ban unfair methods of competition or its ability to enforce violators.

So I welcome our witnesses today to learn about how we should achieve these goals given the breadth of the issue. This will be the first of several hearings. Others will allow us to focus on specific issues of concern to the public. So I look forward to working with all of you on both sides of the aisle, and I now yield to Ranking Member Cathy McMorris Rodgers for 5 minutes.

[The prepared statement of Ms. Schakowsky follows:]

209 Mrs. McMorris Rodgers. Thank you, Madam Chair. I would 210 like to thank you for organizing this first hearing of the 211 Congress on privacy and security. It really builds on 212 important work that was done in the past by Chairman Walden and Latta in the last Congress and then Chairman Upton and 213 214 Burgess in the 114th Congress. I am hopeful that we can find 215 a bipartisan path to move forward on a single American 216 approach to privacy, one that is going to protect consumers 217 and individual privacy, one that ensures that consumers 218 continue to benefit from the amazing technology and 219 innovation that has happened in recent years. This 220 morning I would like to lay out four principles as we 221 approach this effort, one that supports free markets, 222 consumer choice, innovation, and small businesses, the 223 backbone of our economy. We often celebrate small businesses 224 in America. 225 Principle number one, one national standard. 226 Constitution was crafted around the concept that one national 227 marketplace would make America stronger in certain areas. Ιt 228 also recognizes the importance of intellectual property 229 rights, free expression, and the rights of "We the People" to 230 be protected from the power of government. 231 The internet knows no borders. It has revolutionized

our nation's economy by seamlessly connecting businesses and people across the country. Online, a small business in Spokane, Washington can as easily reach customers in Illinois and New Jersey as in Eastern Washington. Distance is no longer a barrier. The internet economy is interstate commerce and subject to federal jurisdiction.

There is a strong groundswell of support for a federal privacy law that sets a national standard. Many recognize the burdens multiple state laws would create, but what would it mean for someone in Washington State who buys something online from a small business in Oregon to ship to their family in Idaho? This is a regulatory minefield that will force businesses to raise prices on their customers. Setting one national standard makes common sense and is the right approach to give people certainty.

Principle number two, transparency and accountability.

Companies must also be more transparent when explaining their practices. For example, we learned last week that Google included a microphone in their Nest device but failed to disclose it, and Facebook is collecting very personal health information from apps, the chair mentioned that.

Transparency is critical. When unfair or deceptive practices

are identified, there should be enforcement and there should

be consequences strong enough to improve behavior.

Principle number three, improving data security.

Another area important to this debate is data security.

Perfect security doesn't exist online and companies are bombarded by hackers every second of every day. Certain data is more valuable on the black market, which is why Social Security Numbers, credit card data, and log-in credentials are always major targets for criminals. One goal must be to improve people's awareness. For one, how their information is being collected and used, and two, how companies are protecting it and how people can protect themselves.

Our focus should be on incentivizing innovation security solutions and certainty for companies who take reasonable steps to protect data, otherwise we risk prescriptive regulations that cannot be updated to keep up with the bad actors' newest tactics.

Principle number four, small businesses. We must not lose sight of small and medium-sized businesses and how heavy-handed laws and regulations can hurt them.

Established, bigger companies can navigate a complex and burdensome privacy regime, but millions of dollars aren't doable for startups and small businesses. We have already seen this in Europe where GDPR has actually increased, has

helped increase the market share of the largest tech companies while forcing smaller companies offline with millions of dollars in compliance costs.

These startups and small businesses could be innovating the next major breakthrough in self-driving technology, health care, customer service, and so many other areas. To keep America as the world's leading innovator we cannot afford to hold them back. Heavy-handed and overly cautious regulations for all data will stop innovation that makes our roads safer, health care more accessible, and customer service experiences better.

I am glad our teams were able to work together on today's hearing. This is a good step forward in finding a bipartisan solution for these critical issues. And as we move forward, I am sure there is going to be more hearings in the future to allow more small business owners, startups, and entrepreneurs to join this conversation.

I believe we have a unique opportunity here for a bipartisan solution that sets clear rules for the road on data privacy. In its best use data has made it possible for grocery aisles to be organized on how people shop. But we need to explore data privacy and security with forward-looking solutions and I look forward to hearing from the

301	witnesses and being a part of this discussion today.
302	Thank you very much, Madam Chair.
303	[The prepared statement of Ms. McMorris Rodgers
304	follows:]
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Ms. Schakowsky. Thank you. The gentlelady yields back and now the chair recognizes Mr. Pallone, chairman of the full committee, for 5 minutes for his opening statement.

The Chairman. Thank you. I also wanted to welcome back Debbie Dingell. Debbie has shown tremendous strength and courage during the past few weeks, and you were missed, Debbie, and we are glad you are back today. So I just wanted to say that.

Welcome to the first hearing of the Consumer Protection and Commerce Subcommittee. We renamed the subcommittee to emphasize the importance of putting consumers first, and that is the lens through which I view the important issue of consumer privacy. How do we empower consumers and impose reasonable limits on companies that collect and use our own personal information?

In the past we have talked about major data breaches and scandals involving the misuse and unauthorized sharing of people's data and we have talked about the potential for emerging technologies to be used in unintended and potentially harmful ways. But privacy isn't just about major incidents or predictions of the future, it is an everyday issue constantly affecting our lives and the lives of our children.

Almost every company that we interact with and even many we don't are conducting surveillance of us. When we visit a single website many companies are tracking our actions on that site, what we click on, how long we are on each page, even our mouse movements and that is true for each of the dozens of sites most of us visit every day.

When we go out our location is tracked on our phones.

Video surveillance of stores, on the street, in doctors'

offices record what we do and who we are with. The purchases

we make are recorded by the stores through store loyalty

programs and by the credit cards we use to make those

purchases. And companies use that information to sort and

commodify us too.

Inferences are drawn and we are labeled as a Democrat or Republican, white or Latino, gay or straight, pregnant teen, a grieving parent, a cancer survivor, so many more, and this is all done without our knowledge. And then our personal information and related inferences are being shared and sold many times over. Companies may share our information with business partners and affiliates that we have never heard of. Our data also may be sold to data brokers who collect massive amounts of data about all of us and then sell that off to anyone who is willing to pay for it.

The scope of it all is really mind-boggling. Without a doubt there are positive uses of data. Companies need personal information to deliver a package or charge for a service. Some data is used for research and development of new products and improving services and sometimes it is used for fraud prevention or cybersecurity purposes and some of it is used for scientific research to find new treatments for medical conditions.

But in some cases data use results in discrimination, differential pricing, and even physical harm. Low-income consumers may get charged more for products online because they live far away from competitive retailers. Health insurance companies could charge higher rates based on your food purchases or info from your fitness trackers. A victim of domestic violence may even have a real-time location tracking information sold to their attacker. And these are simply unacceptable uses of people's data.

Yet for the most part, here in the U.S. no rules apply to how companies collect and use our information. Many companies draft privacy policies that provide few protections and are often unread. One study calculated that it would take 76 years to read all the privacy policies for every website the average consumer visits every year.

And even if you could read and understand these privacy policies, often your only choice is to accept the terms or not use the service. In a lot of situations that is not an option. Consider when you need to pay for parking at a meter or use a website for work. You don't really have that choice. So we can no longer rely on a notice and consent system built on unrealistic and unfair foundations. As the chairwoman said, we need to look forward towards comprehensive privacy legislation, legislation that shifts the burden off consumers and puts reasonable responsibility on those profiting from the collection and use of our data.

Because consumer privacy isn't new to this committee, we have been talking about it for years, yet nothing has been done to address the problem and this hearing is the beginning of a long overdue conversation. It is time that we move past the old model that protects the companies using the data and not the people. So I look forward to hearing from our witnesses today on how we can work together to accomplish this. I plan to work with my colleagues on both sides of the aisle to craft strong, comprehensive privacy legislation that puts consumers first.

And I just want to thank you, Chairman Schakowsky, when you said that, you know, what this committee is all about is

	within may be inaccurate, incomplete, or misattributed to the speaker. A link to the final, official transcript will be posted on the Committee's website as soon as it is available.
399	putting consumers first, and I think that having this hearing
400	as you are today on the privacy issue is a strong indication
401	that that is exactly what we intend to do. Thank you again.
402	[The prepared statement of The Chairman follows:]
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404	**************************************

This is a preliminary, unedited transcript. The statements

Ms. Schakowsky. I thank the gentleman. The gentleman yields back and now the chair recognizes Mr. Walden, ranking member of the full committee, for 5 minutes for his opening statement.

Mr. Walden. Well, good morning and welcome to our members and our witnesses and congratulations to both Representative Rodgers as the new lead Republican and to Representative Jan Schakowsky as the new chair of the Consumer Protection and Commerce Subcommittee. I know we are off to a good start this morning.

We have a lot of important issues to work on in this subcommittee and I am hopeful we can continue the bipartisan achievements out of this subcommittee from Chair Schakowsky and Representative Latta's SELF DRIVE Act to legislation focused on the Internet of Things and the oversight of the FTC, CPSC and NHTSA. I hope we can continue working together for the benefit of the American consumer.

I would also like to thank Chairs Pallone and Schakowsky for picking up on the privacy and security issues as the topic of the first hearing for this subcommittee. From the disrupter series of hearings that we held in the last Congress to the first congressional hearings with major tech companies' CEOs, this committee has been on the forefront of

getting answers for our constituents.

The debate over privacy, it is not new. From the first Kodak camera to caller ID, major privacy debates ensued when new innovation was introduced. But there are new challenges when it comes to privacy and we have heard some of that today from our members. Privacy means different things to different people, which makes this debate even more challenging in the age of Instagram and YouTube.

I believe it is important that we work together toward a bipartisan federal privacy bill that, one, improves transparency, accountability, and security for consumers; that, two, protects innovation and small businesses; and, three, sets one national standard. Now the first issue as some like to frame as incredibly divisive falls under the most basic principle underpinning our jurisdiction and that is the term "interstate commerce."

A federal privacy bill needs to be just that, one that sets the national standard for commercial collection use and sharing of personal data in the best interest of consumers. The Supreme Court has recently reaffirmed the principles of the commerce clause. State laws cannot discriminate against interstate commerce. They cannot impose undue burdens on interstate commerce and should take into consideration the

small businesses startups and others who engage in commerce across state lines.

There are many policy areas where it makes sense for states to innovate. However, the internet does not stop at a state line and neither should innovative privacy and security solutions. Your privacy and security should not change depending on where you live in the United States. One state should not set the standards for the rest of the country.

We can improve the security and privacy of consumers' data without adding to the confusion or harming small businesses and entrepreneurs, so Congress should thoughtfully consider what various states are proposing so we can deliver that certainty and do so with a national standard. We can learn from California and we can learn from Washington and a growing number of other states who have drafted their own legislation reinforcing why we should begin with an agreement that a federal privacy bill sets one national standard.

Now a truly American approach to privacy and security can give consumers better control by supporting innovative solutions without massively expanding the regulatory state. We should avoid creating a system that floods people's inboxes with privacy policies that frankly they do not read, or click through notices that even make simple tasks very

frustrating. We can and should, however, learn from previous efforts here at home and abroad.

So transparency and accountability are critical to move forward and measurably improve consumers' ability to choose between services they want to use. People need to receive a clearer understanding of exactly how their data are used by the digital services with whom they interact. The FTC has announced their investigation into both Equifax and Facebook. The outcome of their work will help Congress evaluate the effectiveness of laws currently on the books and the enforcement tools utilized to hold companies accountable. We can write bill after bill and the FTC can publish rule after rule, but if we do not have effective enforcement they are just rules on paper.

So I believe we have a unique opportunity to address some of the most complex privacy and security questions of the day and I look forward to working with my colleagues across the aisle on setting a national framework and getting this debate moving forward toward a bipartisan national solution. With that, Madam Chair, I yield back.

[The prepared statement of Mr. Walden follows:]

497	Ms. Schakowsky. Thank you. The gentleman yields back.
498	And the chair would like to remind members that pursuant to
499	committee rules, all members' written opening statements
500	shall be made part of the record.
501	And now I would like to introduce our witnesses for
502	today's hearing and thank you all for coming. We have Ms.
503	Brandi Collins-Dexter, Senior Campaign Director, Media,
504	Democracy & Economic Justice at Color of Change; Dr. Roslyn
505	Layton, Visiting Scholar at the American Enterprise
506	Institute; Ms. Denise Zheng is that correct, Zheng? Okay
507	Vice President, Technology, Innovation Business
508	Roundtable; Dr. Dave Grimaldi, Executive Vice President for
509	Public Policy IAB; and, Dr. Nuala O'Connor, President and CEO
510	at the Center for Democracy & Technology.
511	And let's begin then with Ms. Collins-Dexter.

512 STATEMENTS OF BRANDI COLLINS-DEXTER, SENIOR CAMPAIGN
513 DIRECTOR, MEDIA, DEMOCRACY & ECONOMIC JUSTICE, COLOR OF
514 CHANGE; ROSLYN LAYTON, VISITING SCHOLAR, AMERICAN ENTERPRISE
515 INSTITUTE; DENISE ZHENG, VICE PRESIDENT, TECHNOLOGY,
516 INNOVATION BUSINESS ROUNDTABLE; DAVE GRIMALDI, EXECUTIVE VICE
517 PRESIDENT FOR PUBLIC POLICY, IAB; AND, NUALA O'CONNOR,
518 PRESIDENT AND CEO, CENTER FOR DEMOCRACY & TECHNOLOGY
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## STATEMENT OF BRANDI COLLINS-DEXTER

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Ms. Collins-Dexter. Good morning Madam Chair, Ranking Member Rodgers, Committee Chairman Pallone, Committee Ranking Member Walden, and members of the subcommittee. My name is Brandi Collins-Dexter and I am a senior campaign director at Color of Change, the largest online civil rights organization in the United States with more than 1.5 million members who use technology to fight for change.

In the wild, wild West of the digital economy discriminatory marketing practices are so lucrative that entire industries have sprung up to discriminate for dollars.

One company called "Ethnic Technologies" -- subtle, I know -- developed software that predicts an individual's ethnic origin based on data points easily purchased from ISPs and then sells that data, which has been turned into a predictive

algorithm, to any company that wants to target groups or services to a particular ethnic group. Part of what we are seeing now is bad online behavior that circumvents civil rights laws.

Google and Facebook have both had numerous complaints filed against them for allowing discriminatory housing and employment ads. State commission reports found that voter suppression ads were specifically targeted towards black Americans on social media during the 2016 presidential election and that social media companies made misleading or evasive claims about those efforts.

Additionally, low-income communities are targeted by predatory payday loan companies that make billions of dollars in interest and fees on the back of struggling families. We have seen online price gouging and digital redlining where corporations like Staples have used geotracking and personal data to charge customers higher prices for products based on their geography. Some data brokers even lump consumers into categories like, quote unquote, getting by, compulsive online gamblers. One company has even used a category called "Speedy Dinero," described as quote, Hispanic communities in need of fast cash receptive to some prime credit offers.

Last week, as was mentioned, Facebook was caught

obtaining sensitive personal information submitted to entirely separate mobile apps using software that immediately shares data with social networks for ad targeting. I mean, literally, my iPad knows more about me than my husband and he is an ex-journalist who is very nosy. Even information that feels innocuous can become a proxy for a protected class. And sensitive information, right now corporations are able to easily combine information about you that they have purchased and create a profile of your vulnerabilities.

Earlier this month, Color of Change joined with advocacy groups to urge Congress to put civil and human rights at the center of the privacy fight. Our letter states in part, "Civil rights protections have existed in brick and mortar commerce for decades. Platforms and other online services should not be permitted to use consumer data to discriminate against protected classes or deny them opportunities in commerce, housing, and employment, or full participation in our democracy."

There are many bills out there, some we think are weak and some like language we have seen from Senator Cortez

Masto, so a great deal of promise. But ultimately we would like to see bipartisan legislation written through an antidiscrimination lens that prevents manipulative or

exclusionary marketing practices that exacerbate poverty. It should offer a baseline that does not preempt innovative state policy and it must contain enforcement mechanisms and not rely on self-regulation.

Some say privacy is the currency you pay to engage in our digital ecosystem. We should not have to make that choice. Our communities need to trust that when we go online we can count on our privacy and the safety of our information for ourselves and our children. This shouldn't be a game of political football. Eighty percent of Americans support making it illegal for companies to sell or share their personal information. At least 80 percent of us believe that we should have control over how companies use our information.

Privacy is a concept in its most aspirational sense. It is not merely about the freedom and ability to close your digital curtain, so to speak. Instead, we should consider privacy and digital rights for all a necessary framework crucial for ensuring that our human, civil, and constitutional rights are not confined to our offline lives, but are also protected online where so much of our daily life occurs. I would even say that if we fail in the mission to ensure our rights online are protected, we stand to render

604	many of our offline rights meaningless.
605	Thank you again for having me here today and I look
606	forward to your thoughts.
607	[The prepared statement of Ms. Collins-Dexter follows:]
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609	********INSERT 5******

610	Ms. Schakowsky. Thank you. I meant to mention that
611	each of you has 5 minutes and I appreciate you, Ms. Collins-
612	Dexter, for sticking to that. The lights that will go on
613	initially will be green and then the light will turn yellow
614	when you have 1 minute remaining and then red means you need
615	to stop.
616	And so, Dr. Layton, you are recognized for 5 minutes.

## STATEMENT OF ROSLYN LAYTON

Ms. Layton. Good morning. Thank you, Chair Schakowsky,
Ms. McMorris Rodgers, and members of the committee. It is an
honor to be here and I am heartened by your bipartisanship.

Today I represent only myself and my research. I have lived in the European Union for the last decade and I work at a European university where I make international internet policy comparisons. As the mother of three Danish-American children, I am legitimately interested in policy that makes Europe a better place.

The academic literature shows that online trust is a function of institutions, business practices, technologies, and users' knowledge. But unfortunately the E.U. rejected this formula for its data protection policy. My hope is that Congress will avoid the mistakes of the GDPR and ultimately leapfrog Europe with a better framework based upon privacy-enhancing technologies, a strong federal standard, and consumer education.

To analyze a policy like the GDPR we must evaluate its real-world effects. Since its implementation, Google, Facebook, and Amazon have increased their market share in the E.U. This is a perverse outcome for a policy promised to

level the playing field. Today, only 20 percent of E.U. companies are online. There is little to no data that shows that small and medium-sized enterprises are gaining as a result of the GDPR.

The data shows a consistent lag in the small to mediumsized business segment particularly for them to modernize
their websites and market outside their own E.U. country.

Now this outcome isn't necessarily surprising. As a Nobel
Prize economist, George Stigler, observed 40 years ago,
regulation is acquired by industry and operated for its
benefit. A number of large companies have come out in
support of the GDPR. It doesn't surprise me either, that is
because it cements their market position. They don't need
permissionless innovation anymore, but they don't have a
problem depriving startups of the same freedom.

Now to comply with the GDPR today, an average firm of 500 employees will spend about three million dollars. And thousands of U.S. firms have decided that this is not worthwhile including the Chicago Tribune which is no longer visible in the European Union. There are over one thousand American news media that no longer reach Europeans. This is also concerning because the E.U. is the destination of two-thirds of America's digital goods and services.

Now the GDPR might be justified if it created greater trust in the digital ecosystem, but there is no such evidence. After a decade of these kinds of data protection regulations in the E.U., in which users endure intrusive popups and disclosures in every digital site they visit, Europeans report no greater sense of trust online. More than half of the survey respondents in the U.K. alone say that they feel no better since the GDPR took effect and it has not helped them to understand how their data is used.

I am skeptical of both the GDPR and the CCPA in California with their laundry list of requirements, 45 in Europe and 77 in California. These are not scientifically tested and there is no rational policy process to vet their efficacy. Now I imagine if we held -- now what would happen if we would hold government to the same standards? Australia tried a "when in doubt, opt out" policy and half a million people left the national healthcare record program. It crashed their system for healthcare.

We have another reason to be skeptical of the claims of the E.U. being morally superior with their GDPR. Their networks are not secure because they are built with equipment by dubious Chinese equipment makers. Your data protection standard means little if the Chinese Government can hack your

data through back doors.

In any event, Europe's attempt to create a common market for data is something that was actually part of our founding and of our country with our national standard in interstate commerce, which has been discussed, and I support such a national standard for sensitive data consistently applied across enterprises. To leap the Europeans on data protection we need to review the empirical research that the Europeans ignored, namely how privacy-enhancing technologies and user knowledge will promote online trust.

The answer is not to copy the E.U., but to build world-class, scientifically superior, privacy-enhancing technologies here in the United States. Congress should incentivize the development of such technologies through grants and competitions and provide safe harbors for their research, development, and practice. There is no consumer protection without consumer education and we should support people to acquire their digital competence so they make informed decisions about the products they use.

In closing, please do not fall prey to the European regulatory fallacy which substitutes the bureaucratization of data instead of a natural right of privacy. Increasing the number of agencies and bureaucrats who govern our data does

	posted on the Committee's website as soon as it is available.
709	not increase our privacy. It reduces our freedom, makes
710	enterprise more expensive, and deters innovation. Thank you
711	for your leadership. I welcome your questions.
712	[The prepared statement of Ms. Layton follows:]
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This is a preliminary, unedited transcript. The statements within may be inaccurate, incomplete, or misattributed to the

speaker. A link to the final, official transcript will be

715 Ms. Schakowsky. Thank you.

716 Ms. Zheng, you are recognized for 5 minutes.

717	STATEMENT OF DENISE ZHENG
718	
719	Ms. Zheng. Thank you Chairwoman Schakowsky, Ranking
720	Member McMorris Rodgers
721	Ms. Schakowsky. Microphone. There you go.
722	Ms. Zheng. Oh, sorry.
723	Chairwoman Schakowsky, Ranking Member McMorris Rodgers,
724	members of the subcommittee, thank you for the opportunity to
725	testify on behalf of the Business Roundtable.
726	Business Roundtable represents more than 200 CEOs of the
727	largest American companies that operate in nearly every
728	corner of the economy including technology,
729	telecommunications, retail, banking, health, manufacturing,
730	automotive, and many other industries. Our companies touch
731	virtually every American consumer. They process 16 trillion
732	in global consumer payments each year and service roughly 40
733	million utilities customers across the country.
734	They fly more than 250 million passengers to their
735	destinations each year and provide wireless communications
736	and internet services to more than 160 million consumers.
737	They sponsor nearly 70 million medical insurance memberships
738	and deliver more than 42 million packages every single day.
739	Data privacy is a major priority for the Business Roundtable

especially as companies that rely on data and digital platforms to deliver products and services to consumers and to conduct day-to-day business operations.

That is why CEOs from across industry sectors have come together to call for a federal privacy law that provides consistent consumer privacy protections, promotes accountability, and fosters innovation and competitiveness. We strongly support giving consumers control over how their personally identifiable information is collected, used, and shared.

At the same time, it is important to remember the value of data in our economy as well as the enormous benefits that data-driven services provide to our consumers. Data enables companies to deliver more relevant and valuable user experience to consumers. It allows companies to detect and prevent fraud on user accounts and to combat cybersecurity attacks. It creates greater productivity and cost savings for manufacturing to transportation and logistics and it leads to breakthroughs in health and medical research.

Innovation thrives in stable policy environments where new ideas can be explored and flourish within a well-understood legal and regulatory framework. So in December, Business Roundtable released a proposal for privacy

legislation. Our proposal is the product of extensive deliberation with the chief privacy officers of our companies and approval from CEOs across industry sectors.

We believe that privacy legislation must prioritize four important objectives. First and foremost, it should champion consumer privacy and promote accountability. Legislation should include strong protections for personal data that enhance consumer trust and demonstrate U.S. leadership as a champion for privacy.

Second is fostering innovation and competitiveness especially in a dynamic and evolving technology landscape.

Legislation should be technology-neutral and allow organizations to adopt privacy protections that are appropriate to the specific risks such as the sensitivity of the data.

Third, it should harmonize privacy protections.

Congress should enact a comprehensive, national law that ensures consistent protections and avoids a state-by-state approach that leads to disjointed consumer protections, degraded user experience, and barriers to investment and innovation.

And fourth, legislation should promote consumer privacy regimes that are interoperable on a global basis and it

should seek to bridge differences between the U.S. and foreign privacy regimes.

At the heart of the Business Roundtable proposal is a set of core individual rights that we believe consumers should have over their data, including transparency.

Consumers deserve to have clear and concise understanding of the personal data that a company collects, the purposes for which that data is used, and whether and for what purposes personal data is disclosed to third parties.

Control, consumers should have meaningful control over their data based upon the sensitivity of the information including the ability to control whether that data is sold to third parties. Consumers should also have the right to access and correct inaccuracies in their personal data about them and they should have the right to delete personal data.

A federal privacy law should be comprehensive and apply a consistent, uniform framework to the collection, use, and sharing of data across industry sectors. It should also recognize that there are situations that do justify exceptions such as cases of public health and safety, or to prevent fraud and provide cybersecurity, or when certain data is necessary to deliver a product or a service that the consumer requested, or to ensure First Amendment rights and

809 to protect the rights of other individuals. 810 Establishing and protecting these consumer rights also 811 requires effective, consistent, and coordinated enforcement 812 to provide accountability and protect consumer rights. 813 Absent action from Congress, we will be subject not only to a 814 growing confusing set of state government requirements, but 815 also to different data protection laws from governments in 816 Europe, countries like Brazil, and elsewhere. 817 mistake, consumers deserve meaningful, understandable, and 818 consistent privacy rights regardless of where they live and 819 where their data may be located. 820 I thank the subcommittee for its leadership in holding this hearing and for encouraging a dialogue and I look 821 822 forward to the questions. Thank you. 823 [The prepared statement of Ms. Zheng follows:] 824 825 \*\*\*\*\*\*\*\*\*TNSERT 7\*\*\*\*\*\*

826	Ms.	Schakowsky.	. 7	Thanl	you	l.			
827	Mr.	Grimaldi, y	⁄ou	are	now	recognized	for	5	minutes.
828									

## STATEMENT OF DAVE GRIMALDI

Mr. Grimaldi. Thank you, Chairman Schakowsky, Ranking Member McMorris Rodgers, and members of the committee. I appreciate the opportunity to testify here today. I am Dave Grimaldi, executive vice president for Public Policy at the Interactive Advertising Bureau which was founded in 1996 and headquartered in New York City. We represent over 650 leading media and technology companies that are responsible for selling, delivering, and optimizing digital advertising or marketing campaigns.

Today the U.S. economy is increasingly fueled by the free flow of data. One driving force in this ecosystem is data-driven advertising. Advertising has helped power the growth of the internet for decades by delivering innovative tools and services for consumers and businesses to connect and communicate. Data-driven advertising also allows consumers to access these resources at little to no cost to them and it has created an environment where small publishers and start-up companies can enter the marketplace to compete against the internet's largest players.

As a result of this advertising based model, U.S. businesses of all sizes have been able to grow online and

deliver widespread consumer and economic benefits. According to a 2017 study, in 2016 the U.S. ad-supported internet created 10.4 million jobs and added 1.1 trillion to the U.S. economy.

The study, designed to provide a comprehensive review of the entire internet economy and answer questions about its size, what comprises it, and the economic and social benefits Americans deprive from it, revealed key findings that analyze the economic importance as well as the social benefits of the internet. And, indeed, as the Federal Trade Commission noted in its recent comments to the National Telecommunications and Information Administration, if a subscription-based model replaced the ad-based model, many consumers would not be able to afford access to or would be reluctant to utilize all of the information, products, and services they rely on today and that could become available in the future.

The time is right for the creation of a new paradigm for data privacy in the United States. And IAB, working with Congress and based on our members' successful experience creating privacy programs that consumers understand and use, can achieve a new federal approach that instead of bombarding consumers with notices and choices comprehensively describes clear, workable, and consistent standards that consumers,

businesses, and law enforcers can rely upon. Without a consistent federal privacy standard, a patchwork of state privacy laws will create consumer confusion, present substantial challenges for businesses trying to comply with these laws, and fail to meet consumers' expectations about their digital privacy.

We ask Congress to standardize privacy protections across the country by passing legislation that provides important protections for consumers while allowing digital innovation to continue to flourish. We caution Congress not to rely on the framework set forth in Europe's General Data Privacy Regulation or California's Consumer Privacy Act as examples of the ways in which a national privacy standard should function.

Far from being a desirable model, the GDPR shows how overly restrictive frameworks can be harmful to competition and consumers alike. Less than a year into GDPR's applicability the negative effects of its approach have already become clear. The GDPR has led directly to consumers losing access to online resources with more than 1,000 U.S.-based publishers blocking European consumers from access to online material, in part because of the inability to profitably run advertising.

To that unfortunate end, as was pointed out before, I would note that the Chicago Tribune including its Pulitzer Prize-winning stories on government corruption, faulty government regulation, et cetera, is no longer accessible in Europe due to GDPR. Additionally, the San Fernando Sun newspaper which has been open since 1904 is no longer accessible, and the Holland Sentinel founded in 1896 can no longer be seen in Europe.

Small businesses and startups also saw the negative impact of GDPR with many choosing to exit the market.

Consent banners and pop-up notices have been notably ineffective at curbing irresponsible data practices or truly furthering consumer awareness and choice. The CCPA follows in the footsteps of GDPR and could harm consumers by impeding their access to expected tools, content, and services, and revealing their personal information to unintended recipients due to lack of clarity in the law.

To achieve these goals, IAB asks Congress to support a new paradigm that would follow certain basic principles.

First, in contrast to many existing privacy regimes, a new law should impose clear prohibitions on a range of harmful and unreasonable data collection and use practices specifically identified in the law. Consumers will then be

within may be inaccurate, incomplete, or misattributed to the speaker. A link to the final, official transcript will be posted on the Committee's website as soon as it is available. 921 protected from such practices without the need for any action 922 on their part. 923 Second, a new law should distinguish between data 924 practices that pose a threat to consumers and those that do 925 not, rather than taking a broad-brush approach to all data 926 collection and use. And finally, the law should incentivize 927 strong and enforceable compliance and self-regulatory 928 programs and thus increase compliance by creating a rigorous 929 safe harbor process. 930 IAB asks for Congress's support in developing such a 931 framework. We look forward to partnering with you to enhance 932 consumer privacy and thank you for your time today and I 933 welcome your questions.

This is a preliminary, unedited transcript. The statements

[The prepared statement of Mr. Grimaldi follows:]

934

937	Ms. Schakowsky. Thank you.
938	And, Ms. O'Connor, you are recognized for 5 minutes.
939	

STATEMENT OF NUALA O'CONNOR

Ms. O'Connor. Chairwoman Schakowsky, Ranking Member
McMorris Rodgers, members of the subcommittee, thank you for
the opportunity to testify today. My colleagues and I at the
Center for Democracy & Technology are tremendously excited
about the prospect of federal privacy legislation. We
appreciate your leadership in taking on this challenging
issue.

Privacy and data over the last several decades have become full of jargon and overly complexified, so I have one basic message today and that is notice and choice are no longer a choice. Any privacy legislation that merely cements the current status quo of the notice and consent model for personal data is a missed opportunity.

Let me take a moment to demonstrate why that status quo is not working for individual consumers and companies. If I could respectfully request the members and their staff to take out their phones -- some of you already have them out, I hear them ringing -- and take a look at the home page. Open it up with whatever you use to open up your phone. Mine is my fingerprint and it is not working. Now look at your home page. How many apps do you have? I have 262 apps on my

phone. I had 261 until Saturday night when the kids said,
"Mom, we want Chipotle for dinner," and I had to download
again the Postmates app, so now it is 262. The average
person has around 80 according to current research. You can
call me an overachiever or just a working mom.

But for each of these 80 or so applications you have already given the company behind it your consent to use your personal data and likely in a variety of ways. For some of those apps you are sharing your location data, others your financial data, your credit card numbers, some of your apps have information about your physical activity, your health, and other intimate information even in real time.

Regardless of the types of data, you have received 80 notices and 80 different consents have already been given.

Do you remember the personal data you agreed to consent to give and do you remember the purposes for which you shared it? Do you have a good understanding of how the companies behind those apps and devices are going to use that information 6 weeks from now, 6 months or 6 years from now?

Now let's assume for the sake of this demonstration that each of those 80 companies has even just a modest number of information-sharing agreements with third parties. Back in 2015, which is the ancient times of the internet, the average

smart phone app was already automatically sharing data with at least three companies and three different parties. don't know those companies, you don't have a direct relationship with them, and now they have your personal information because you were given notice and you consented. And that means the average smart phone user has given consent for their data to be used by at least 240 different entities. That doesn't reflect how information is already being shared by the companies with vendors, corporate affiliates, business partners -- in reality, the number is likely much higher and that is just what is on your phone. That 240 number doesn't account for your other devices, the devices in your daily life in your house, in your car, your other online accounts, data initially collected in the nondigital world, loyalty programs, cameras, paper surveys, and public records. Does that feel like you have control over your personal information? But you gave your consent at some point. Clearly, it is time for a change. Some will say that the way to fix this problem is just make more privacy policies, more notices, make them clearer so consumers can better understand those decisions. More checkboxes will provide the appearance of choice, but not real options for Pursuing legislation like this just doubles down consumers.

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on our current system of notice and choice and further burdens already busy consumers.

There is fundamentally no meaningful way for people to make informed, timely decisions about the many different data collectors and processors with whom we interact every day.

Instead, the goal should be to define our digital civil rights. What reasonable behavior can we expect from companies that hold our data? What rights do we have that are so precious they cannot be signed away?

The Center for Democracy & Technology has drafted comprehensive legislation that is already available and has been shared with your staffs. I am happy to answer questions about it today. But most importantly, our bill and any meaningful privacy legislation must first prohibit unfair data practices, particularly the repurposing or secondary use of sensitive data with carefully scoped exceptions.

Two, prevent data-driven discrimination and civil rights abuses. Three, provide robust and rigorous enforcement.

Reasonable data security practices and individual-controlled rights, such as the right to access, correct, and delete your data are obviously essential. Enacting clear comprehensive rules will facilitate trust and cement America's economic and ethical leadership on technology.

1032	Now is the time for real change. You have the
1033	opportunity to shape a new paradigm for data use and you have
1034	the support of the majority of Americans to do so. Thank
1035	you.
1036	[The prepared statement of Ms. O'Connor follows:]
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1038	*********INSERT 9*******

1039 Ms. Schakowsky. Thank you.

So we have now concluded our opening statements and we now will move to member questions. Each member will have 5 minutes to ask questions of our witnesses and I will start by recognizing myself for 5 minutes.

So this is a stack of, really, just some of the privacy policies of the websites, apps, stores, and other services I interacted with just yesterday and actually not all of yesterday. I haven't read them all. And I check the weather on my phone so I have a privacy policy for that app. I flew into town yesterday. I have the privacy policy for the airline and for the online travel.

In order to get onto the plane I had to go my phone. I used the app to book the flight. I went to the drugstore and used my loyalty card so I have that privacy policy. I checked the news online so I have a few privacy policies of a few of the newspaper sites that I visited. I watched TV. I went online. I used my cell phone. I have a privacy policy for my cable provider, my internet service provider, my cell phone manufacturer and the operating system, and that is still just some of them.

And at that point did I have the option to proceed -- and I didn't have the option at any point to proceed without

agreeing to the terms. And frankly I think like most consumers because I am anxious to actually get the job done, I agree. I agree. So this stack does not include each of their service providers or affiliates or the data broker that gets my information from them or a third party advertiser, advertising company or analytic company or whoever else is lurking unseen to me and unheard and unknown.

By the way, a lot of these policies are pretty vague about what they do with my data and who they share it with or sell it to. This is the limitation of the notice and consent system that we use right now. A person should not need to have an advanced law degree to avoid being taken advantage of. We need to find solutions that take the burden off the consumer and put some responsibilities on those who want our data.

So, Ms. Collins-Dexter, can you talk a little bit about some of the ways that our data is being used by consumers and then, Ms. O'Connor, if you could follow up.

Ms. Collins-Dexter. Some of the ways in which our data is being used by consumers?

Ms. Schakowsky. We are talking about -- oh no, being -I am sorry -- how it is being used by companies. I am sorry.

Ms. Collins-Dexter. Yeah, it is being used in all sorts

of a number of ways. And I think to your point earlier, I think even if we know our data is being used in a number of ways, even if we -- black folks, I think a report was released last week that said black people are actually more likely to read the fine print before they sign onto things on the internet and have long believed that their information and data was being sold, and yet that hasn't made us particularly safer. We have still had to experience all sorts of ways in which our data is being used against us.

Even data points that feel innocuous can be used as sort of proxies for protected class. I offered some examples in the document that I shared with you. But another example comes from the insurance industry in the realm of car insurance, for example. Auto insurance telematics devices collect what would be considered, quote unquote, non-sensitive data such as vehicle speed, the time of day someone is driving, the miles driven, the rates of acceleration and braking.

Those devices aren't collecting what we would consider sensitive data such as location and driver's identity, and yet that information is being used to like charge people higher rates for insurance. And it happens at that people most likely to be driving at night, most likely to be braking, all

of these things are usually like working, lower-class people.

Ms. Schakowsky. If I could interrupt, and we will get more of that. But I want to see if Ms. O'Connor wants to add at least one thing to this.

Ms. Collins-Dexter. Sure.

Ms. O'Connor. Thank you so much.

There is a primary purpose for data. When you give your data to a company to deliver that yellow sweater they need to know your name and address. That makes sense. There are secondary purposes in terms of business processing and activities that might be legitimate, where we feel in our draft legislation the secondary purpose for sensitive data, like, for example, the fingerprint I was using to open my phone, I want to be able to open my phone with that, I don't want that sensitive biometric data used for a secondary purpose by that company or by other companies.

So we would say there is a higher level of sensitivity around biometric data. Intimate or immutable information about you deserves a second, a higher level of care. And also there is sharing, obviously there is your data going from a first party to an entirely separate third party in the transaction that would lead to concern and those parties should be bound by the promises that first party made.

1131 Thank you. And now let me recognize our Ms. Schakowsky. 1132 ranking member, Cathy McMorris Rodgers. 1133 Mrs. McMorris Rodgers. Thank you, Madam Chair. 1134 appreciate again everyone being here, and I do believe that 1135 there is bipartisan support to move forward so that we can 1136 ensure strong protection of personal data that will ensure 1137 that we are improving upon consumer trust and demonstrating 1138 U.S. leadership in privacy and innovation. 1139 I am concerned about the patchwork of privacy and security laws that I see coming at the state level. And we 1140 1141 are moving forward in Washington State, there is a debate 1142 going on as well as other states that are taking action that I 1143 believe are going to lead to higher cost and impact on 1144 consumers. It is actually going to increase their prices and 1145 reduce the options that consumers have. 1146 I would like to start with Dr. Layton and just ask the 1147 question, do you think that it is important for one federal 1148 privacy law to set that national standard and, if so, just 1149 explain some more why. 1150 Ms. Layton. Thank you for the question. I was heartened 1151 to hear our panelists and our representatives agree that we do 1152 need a comprehensive, federal standard. 1153 Because California is such a large economy, if it can go

forward with its particular rules it can dictate the rules for the rest of America. We have talked a lot about rights here on this panel and all of Americans have rights and it isn't fair that one state gets to dictate for everyone else. We should certainly look at California and learn from them, but it is, as I understand, a law that came together in 1 week and that was their choice about how they did it. So I certainly agree that we need a national standard.

Mrs. McMorris Rodgers. I would like to ask Mr. Grimaldi and Ms. Zheng if you also would address this question and if your members agree with the one national standard.

Mr. Grimaldi. Thank you, Congresswoman, we do. But make no mistake, we are very much in favor of the concepts of transparency and accountability and choice which are the bedrocks of CCPA and the reason that Californians came together to rally behind a law and the merits in it.

But to echo what Dr. Layton said, that patchwork could have incredibly negative effects on the American internet economy because it will force compliance costs not just on California companies but on all companies in America. It will imbalance what the larger providers can pay for those compliance costs and to retrofit their systems and to get ready to field what will be likely a barrage of lawsuits and,

quite honestly, just fewer users, meaning fewer advertising costs once the enforcement of CCPA goes into effect in January.

And that is not indicative of a good privacy policy that provides to consumers what they currently enjoy, their content, their news, their video, and everything else.

Ms. Zheng. I also completely agree. Thank you for that question, Ranking Member McMorris Rodgers.

I think from the Business Roundtable perspective a national consumer privacy law should not mean that consumers get less protections than currently exist, but if we set the standard at an appropriate level it can mean that every American across this country has protections that they don't currently have. So when we developed our proposal we looked at the California law. We looked at GDPR. We looked at other state proposals and FTC authority and tried to take the best practices of each of these individual laws in developing our proposal.

Mrs. McMorris Rodgers. Great. And just as a follow-up, I think as we move forward we need to be very concerned about making sure that we are protecting individuals' privacy but also ensuring that we are not becoming too regulatory, that the regulations are not too complex and through the

regulations actually helping, or like the largest actors can pay those costs but it will make it harder for our startups and our innovators to get into the marketplace.

Dr. Layton, would you just address what you have seen with GDPR to date as far as the impact on businesses or innovators?

Ms. Layton. Yes. Well, in the case of the European Union you have a data protection authority in each state and you have a super regulator overseeing that. And when this has come into play there was no training, there was no funding to help the particular agencies to get up to speed. They are not all equipped with the same set of skills. Some regulators may have worked there their whole life, other ones may be new. They have a different set of expertise. So, and each country had its own particular rules. And this issue and question around how do they manage this going forward that even the framers of the GDPR themselves said it will be 2 years before we have a judgment because of the actual process and how long it takes and so on.

So in the minds of the Europeans that this was also an important what they see as a way to empower government that they are looking to place people in jobs. They expect that they were going to have 75,000 more bureaucrats working in

1223 these particular jobs to look over the privacy and so on. So 1224 it is -- they are sort of -- it reflects what is going on in 1225 the E.U. today is a desperation. There are many people 1226 dissatisfied with the European Union. You probably know about 1227 Brexit. And this is a way that the E.U. is trying to respond 1228 to demonstrate to constituents that the E.U. can do something and it is not, you know, in the U.S. we might say, well, let's 1229 1230 make it better or innovate --

Ms. Schakowsky. If you could wrap up.

Ms. Layton. Yeah. So that was my point. Thank you.

Mrs. McMorris Rodgers. Thank you. I will yield back.

1234 My time is expired.

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1235 Ms. Schakowsky. Now the gentlelady from Florida, Kathy
1236 Castor.

Ms. Castor. Thank you. You know, Americans are increasingly fed up with the violation of their privacy by online companies. There is just simply a massive amount of data being collected on each and every person. And then when that data is used, misused without their permission, or there is a breach of their financial data or their health data, I mean that is, it is really outrageous we have let it get this far. And I think American consumers understand that this needs to be fixed.

1246	So I want to thank Chairwoman Schakowsky for calling this
1247	hearing and I look forward to working with her and the other
1248	members on this committee to adopt strong privacy protections
1249	for American families and consumers.
1250	Ms. O'Connor, help us assess the current state of
1251	Americans' online privacy protections. Let me know if you
1252	agree or disagree with these statements. Currently there is
1253	no general federal law that requires online companies to have
1254	privacy policies or protect our privacy. Is that correct or
1255	not correct?
1256	Ms. O'Connor. That is correct.
1257	Ms. Castor. And there is no general federal law that
1258	requires an online company to secure our personal information
1259	or notify a customer if his or her personal information has
1260	been stolen. Is that correct?
1261	Ms. O'Connor. That is correct.
1262	Ms. Castor. And the only way the Federal Trade
1263	Commission is able to examine companies that violate our
1264	privacy is through Section 5, unfair or deceptive acts or
1265	practices authority, which basically means that companies can
1266	do whatever they want with our data as long as they don't lie
1267	about what they are doing. Is that right?
1268	Ms. O'Connor. That is correct.

1269	Ms. Castor. So is it accurate to say that a bad online
1270	actor can collect all sorts of very personal information such
1271	as your location, your birthday, your messages, your biometric
1272	data, your Social Security Number, political leanings without
1273	your permission and sell it to the highest bidder as long as
1274	they don't lie about what they are doing?
1275	Ms. O'Connor. That is pretty accurate.
1276	Ms. Castor. Well, that is outrageous. And I think that
1277	is why American consumers now have there has been an
1278	awakening to what has been happening. They understand this
1279	now and they are demanding strong privacy protections.
1280	One of the areas that concerns me the most, Ms. Collins,
1281	is the data that is collected on children. There is a bedrock
1282	federal law, the Children's Online Privacy Protection Act,
1283	that is supposed to protect kids from data being gathered on
1284	them and being targeted, but it was signed into law over 20
1285	years ago. And think about how much the internet has changed
1286	in 20 years, the apps that are available to kids, the toys
1287	that talk to them and gather data.
1288	Do you agree that COPPA needs to be updated as well?
1289	Ms. Collins-Dexter. Yes, I do. Can I expand on that a
1290	little more?
1291	Ms. Castor. Please. I noticed in your testimony you

cited a Cal Berkeley study where they identified how many apps targeted to kids that are probably gathering their data.

Could you go into that in greater detail?

Ms. Collins-Dexter. Yes. Yeah. So I mean, I think a general -- COPPA is the only federal internet privacy law on the books and beyond that I think it is a solid blueprint for what comprehensive privacy legislation could look like with an opt-in model and placing obligations on companies for adequate disclosure. But as you point out, it is 20 years old and like the Civil Rights Act it does not account for the digital economy we are immersed in today.

So as I mention, a Cal Berkeley study found that thousands upon thousands of children's apps currently available on Google Play violate COPPA. The fact that the market is flooded with data collection apps and devices targeted at kids like Echo Dot, CloudPets, Furby Connect, and others should alarm us. More than one-third of U.S. homes have a smart toy. And so it is really important for us to like really, you know, think of the implications of that as we look to modernize that legislation.

Ms. Castor. Because we kind of have an understanding now that online companies are building profiles on all of us with huge amounts of data. But they are doing this to our kids

1315 now, notwithstanding the fact that we have a federal law that 1316 supposedly says you can't do this. Is that right? 1317 Ms. Collins-Dexter. That is correct. 1318 Ms. Castor. Ms. O'Connor, I don't think the average 1319 American parent understands that the apps and the toys that 1320 are provided, you know, for their kids to have fun and play 1321 games are creating these shadow profiles. Is that accurate? 1322 I work in technology and I have many, many Ms. O'Connor. children and I feel overwhelmed with the choices and the lack 1323 of transparency about not just their online environment, but 1324 1325 as you point out correctly the devices in our daily lives, 1326 even the toys and what they can and cannot collect. And it 1327 doesn't necessarily matter that it is identifiable by name if 1328 it is targeting you based on your habits and preferences and 1329 choices that could close their world view as opposed to open 1330 it up, which is what we would hope the internet would do. 1331 Ms. Castor. Thank you very much. I yield back. 1332 Ms. Schakowsky. I now recognize the ranking member of 1333 the full committee, Mr. Walden, for 5 minutes. 1334 I am sorry? Oh, I am sorry. Was that wrong? Okay, let me recognize Mr. Upton for 5 minutes. 1335 1336 Thank you, Madam Chair. It is a delight to Mr. Upton. 1337 be here. I know that Mr. Walden is at the other hearing.

think he intends to come back.

Ms. Zheng, I think that we all recognize that the elephant in the room is truly we can have a system that is 40 or 50 with states or we are going to have one standard. What is the perception from the number of companies that you represent from the Business Roundtable in terms of how they would have to deal with maybe as many as 30 or 40 different standards, as I would figure that a number of states might join up with and team up with others? What is the reaction to that? It goes along with what Ms. --

Ms. Zheng. Yeah, we strongly believe that a fragmented sort of regulatory environment where we pursue a state-by-state sort of regulatory approach to privacy makes for very inconsistent consumer protections. It also creates massive barriers to investment and innovation for companies that have to operate in all of these different states. It is simply unworkable.

And so that is why we think it is necessary to have a single national federal privacy law that preempts state laws.

And I think the assumption that preemption weakens existing privacy protections is a false assumption. You know, we strongly believe that a federal consumer privacy law should be strong and should provide additional protections for consumers

1361	that are consistent across every state in the country.
1362	As I think, you know, folks here mentioned earlier,
1363	devices, data, people, they constantly move across borders,
1364	across states. A state-by-state approach just simply doesn't
1365	work for this type of domain. And, in fact, even when you
1366	look at California's own privacy law, there is a rather strong
1367	preemption clause in the California law that preempts city,
1368	county, and municipality laws within the state of California,
1369	likely for exact same reason why a federal privacy law should
1370	preempt state laws.
1371	Mr. Upton. And are you aware, is anyone tracking what
1372	the other 49 states might be doing?
1373	Ms. Zheng. We are. I think a lot of folks on this panel
1374	are as well.
1375	Mr. Upton. Yeah. And are any of those states getting
1376	close to something like California has done? I know it is a
1377	new legislative year for many states, but
1378	Ms. Zheng. There are a number of
1379	Mr. Upton what is your thoughts on where other
1380	states may be?
1381	Ms. Zheng. Yes. I think there are roughly about 30
1382	different state legislative proposals related to privacy.
1383	They all take, many of them take very, very different

approaches or regulate certain types of sectors. Some of them are more general. Some of them may be focused on specific types of information that are personal. But what it demonstrates is that there is a ton of interest within the states and they are not taking a coherent, consistent approach.

Mr. Upton. And what are your thought -- do you think that any of these states will actually do anything yet this calendar year or not? I know that it is early.

Ms. Zheng. It is hard to say, but I think it is highly, highly likely that a number of states will pass privacy laws this year.

Mr. Upton. I know I don't have a lot of time left as I ask my last question, but I thought that Mr. Grimaldi had some very good comments in his testimony about four different parts to achieve the goals. One, to have clear prohibitions on a range of harmful, unreasonable data collection; two, is that the new laws should distinguish between data practices that pose a threat to consumers and those that don't; three, that the law should incentivize a strong and enforceable compliance and self-regulatory programs; and, finally, that it should reduce consumer and business confusion by preempting the growing patchwork of state privacy laws.

1407	As it relates to the first three, knowing where I think I
1408	know you all are in part four, where are you in terms of your
1409	thoughts as to those first three principles? And maybe if we
1410	can just go down the line and we will start it with Ms.
1411	Collins-Dexter as to whether she thinks that is a good idea or
1412	not, briefly, knowing that I have a minute left.
1413	Ms. Collins-Dexter. Could you repeat that one more time?
1414	Apologies. I was like taking furious notes.
1415	Mr. Upton. So Mr. Grimaldi had three, four points of
1416	which I think that the first three that I would like to focus
1417	on. One, that the clear, have clear prohibitions on a range
1418	of harmful and unreasonable data collection and use practices
1419	specifically identified by the law, these are goals for
1420	legislation. Two, that the new laws should distinguish
1421	between data practices that pose a threat to consumers and
1422	those that don't. And third, that the law should incentivize
1423	a strong and enforceable compliance in self-regulatory
1424	programs.
1425	So I guess now we just have to go to yes or no with 20
1426	seconds left.
1427	Ms. Collins-Dexter. Yes.
1428	Mr. Upton. Dr. Layton?
1429	Ms. Layton. Yes.

1430	Mr. Upton. Ms. Zheng?
1431	Ms. Zheng. Yes.
1432	Mr. Upton. And Ms. O'Connor?
1433	Ms. O'Connor. Yes.
1434	Mr. Upton. Okay.
1435	Ms. O'Connor. The self-regulation alone is not going to
1436	be enough. That was revolutionary in 1999, but it is no
1437	longer sufficient to protect consumers today.
1438	Mr. Upton. My time has expired. Thank you.
1439	Ms. Schakowsky. I now recognize Mr. Veasey for 5
1440	minutes.
1441	Mr. Veasey. Thank you, Madam Chair. You know, earlier,
1442	in Ms. Collins-Dexter's testimony something really, you know,
1443	concerned me and really hit home for me when she was talking
1444	about, you know, how poor people are being targeted for some
1445	of this marketing and these privacy issues that we are having.
1446	And for a lot of the people that do fall within that
1447	category, it is going to be very important for them that these
1448	services remain, quote unquote, free, whatever free is. And
1449	of course we know that nothing is really free.
1450	And what is so troubling about that is that in our
1451	society obviously we live in an economy that is based on
1452	profit and gain. What is the sweet spot? I would like to

know maybe from Ms. Zheng or Mr. Grimaldi from a business standpoint what is the sweet spot? How can you still provide these services for free for the constituents that I represent and the people that Ms. Collins-Dexter was talking about, how do you preserve them being able to access this without them having to pay additional fees, but the market research and the other things that go along with these services being free, and how do you combine all of that? Is there a real sweet spot in all of this?

Ms. Zheng. So I think -- thank you for that question,

Congressman. It is a really important issue and I am glad

that you raised it and I am glad that Ms. Collins-Dexter

raised it. It is complex. It requires additional attention.

There is significant technical, legal, and ethical

considerations as well. Companies should not be using

personal data about consumers to make discriminatory decisions

in the areas of employment, housing, lending, insurance, or

the provision of services.

But defining that line between using an algorithm to discriminate against consumers and using it to target, for example, ads in Spanish to Spanish-speaking consumers is challenging. So we need to be mindful of some of the more, these legitimate uses of certain demographic information that

enable products and services to be better tailored to a consumer.

But we recognize that this is a really important issue as is the, you know, differential pricing issue that you raised.

Although we have significant concerns with the particular approach taken in the California law, we welcome the opportunity to work with the committee on this issue and consider different proposals though. Thank you.

Mr. Veasey. For the areas where these companies are trying to obviously maximize their return on investment where they need control groups and run tests, can that still happen, Mr. Grimaldi, with more consumer protection? And obviously the consumer protection is definitely needed. I think that you can just listen to just a very few minutes of today's testimony and realize that.

Mr. Grimaldi. Correct, Congressman Veasey. Associating myself with Denise's comments, we need to break apart any discriminatory practices from good practices. And you mentioned the value exchange that goes on behind consumers transacting their business on the internet and Chairman Schakowsky went through a long list of what she has only done in the last 48 hours going to a store, taking a flight, et cetera. Those are useful practices that people come to

1499 However, that information cannot be gamed for reasons accept. 1500 of eligibility, of discrimination, of price discrimination. 1501 Our industry is absolutely against that. 1502 There is a self-regulatory code that our companies adhere 1503 to in the Digital Advertising Alliance, a body that we stood 1504 up, stipulating to what Ms. O'Connor has said in that self-1505 regulation, the reason that we are here, we need help apart 1506 from self-regulation. We are here to partner with Congress to 1507 say it is past time, we are overdue in a national framework 1508 that speaks to these issues. 1509 But yes, there are good uses. There are harmful uses. 1510 That is what we need to break apart and distinguish. 1511 Mr. Veasey. Madam Chair, I yield back. 1512 Ms. Schakowsky. I now recognize the ranking member of 1513 the full committee, Mr. Walden. 1514 Mr. Walden. Thank you, Madam Chair. And as you know we 1515 have another hearing going on upstairs, so having to bounce back and forth. 1516 1517 In the United States we currently enjoy an environment

In the United States we currently enjoy an environment that allows small to medium-sized companies to grow, to raise money and compete and in large part because they do not have to come to the government to get their business plans approved and how we have successfully legislated based on well-defined

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1522	risks and harms.
1523	Dr. Layton, if data sharing and privacy is regulated
1524	differently by individual states in the U.S. what will that do
1525	to the American marketplace?
1526	Ms. Layton. So assuming this could pass a court
1527	challenge, because I think it would violate the commerce
1528	clause as we discussed, I don't see how it is possible you can
1529	send products into other states if you are a retailer in Maine
1530	and you have to send your products to 50 different states and
1531	you have to have 50 different ways to do it. I don't see why
1532	you would start that business. I think you would move to
1533	another industry.
1534	Mr. Walden. So how has GDPR impacted Google's market
1535	share in the E.U.?
1536	Ms. Layton. It has increased since it came into effect.
1537	Mr. Walden. And I think that is what we are showing
1538	right here on the slide that nobody could read from afar, I am
1539	sure. Maybe we can put it on the big screen and take me off,
1540	which would be a pleasant experience for everybody. But I
1541	don't have a copy of that here at my desk.
1542	
1543	[Slide.]
1544	

Mr. Walden. But I think what you are seeing here is that small innovators are actually leaving this space, right? And investment in small entrepreneurs is going down in Europe and going up in the United States since GDPR was put in place. Is that accurate?

Ms. Layton. Yes. So this particular graph is looking at what is, what they are highlighting here is the competitor, the analytics competitor. So Google Analytics is running on a lot of websites and depending on the company they may have multiple competitors to Google Analytics. Retailers have a set, you know, different sorts of areas.

So essentially some media companies, some larger firms are kicking off the smaller competitors for their -- they are kicking them off, so that means that those trackers have not been firing. That is what this is measuring.

Mr. Walden. Yeah. My understanding shows that shortly after GDPR was implemented, Google's market share increased by almost a full percent and smaller ad tech firms suffered losses of anywhere from 18 percent to almost 32 percent. GDPR has proven to be anti-competitive and makes it more difficult for small businesses to compete and just one example of that negative impact. Now there may be other things going on affecting these numbers, I will stipulate to that. But

clearly GDPR has had an effect.

Mr. Grimaldi, since GDPR has been in effect, academic research shows that investments in startup companies in the E.U. have dropped by an aggregate of 40 percent, 4-0. Compare that to the United States, where in 2018 investments and startups neared 100 billion dollars which is the highest year since the dot-com boom, protecting consumers including protecting them from a marketplace devoid of choices so they are forced to use certain products or services.

What should an American approach to data privacy look like and that does not hamper small business and investment?

Mr. Grimaldi. Thank you, Chairman. You are correct. We are seeing that fall off in Europe and it is not because -- I listed some newspapers at the beginning that are not currently operating in Europe and it is not because they are not complying with the law and it is not because they were at fault. It is because they just can't afford that kind of a pivot to construct their services that could be at legal risk, at great legal risk.

This is one of the many things that we are seeing with CCPA that is going to be a major deterrent, if not a killing blow, to American companies that can't deal with the labyrinth in construct of new regulations in California, or other states

that might force them to take down their online advertising funding regime for fear that they could be susceptible to a major lawsuit because they did not classify or categorize data in a way that could be returned to consumers.

Because they currently, these companies don't have those structures in place and now in order to do something that again I stipulate was correct in its founding-transparency, choice, accountability-is now potentially going to force companies to say we just can't afford to retrofit all of our systems and be able to collect that much data, and even if we do there is a litigation risk that we wouldn't be able to swallow. So.

Mr. Walden. Could you put that litigation risk in common person's terms? What are we talking about here if you are a small business online?

Mr. Grimaldi. Correct. Under CCPA some of the provisions -- and we are active as I think many in this room are in dealing with the California Attorney General's Office, former Congressman Xavier Becerra being that Attorney General. He is taking a look at the current law and promulgating it to be enforced in January. The litigation risk could mean that if a consumer requests their data from a company, if a consumer reaches out and says, "What do you have on me and how

is it shared," a company has to be able to provide that in a certain time frame. And if it doesn't, it is in violation of the law. That litigation risk you can compound into the thousands or hundreds of thousands of requests that will multiply into the millions and billions of dollars. And that is something that smaller companies would not be able to deal with.

Mr. Walden. My time has expired. I thank all of our witnesses for enlightening us in this issue. Thank you.

Ms. Schakowsky. And now I yield to the chairman of the full committee, Mr. Pallone.

The Chairman. Thank you, Madam Chair. I wanted to build on your questions. Some uses of our data is certainly concerning. This committee has explored many of them,

Cambridge Analytica's use of people's data to manipulate their political opinions and influence their votes, for example.

And we had hearings with Equifax, Facebook, and Twitter.

We can't begin to reveal just how little we all know about who is collecting our data or what they are actually collecting. And I think many of us have this vague idea that everyone is collecting everything and that there is nothing we can do about it, but in my opinion that is not acceptable because some data maybe just shouldn't be collected at all.

1637	So in that vein I wanted to ask Ms. O'Connor, data
1638	collection has become extremely profitable leading some
1639	companies to collect every bit of data they can, but is there
1640	a line that shouldn't be crossed? Should there be some limits
1641	on actual collection?
1642	Ms. O'Connor. It would be our position that yes, at
1643	least as to the most sensitive information there should be
1644	very clear notices and awareness on the part of the consumer,
1645	again the example I used of my fingerprint in my phone being
1646	collected for one purpose, not being used for any other. When
1647	I use a map app they obviously need to know my location. I do
1648	not want that location sold or transferred.
1649	Are there types of data that shouldn't be collected at
1650	all? In our bill, in our proposal we look very seriously at
1651	issues of precise geolocation, biometric information,
1652	children's data, content of communications, and health
1653	information as deserving higher sensitivity and higher
1654	protections.
1655	The Chairman. All right. Let me ask Ms. Collins-Dexter,
1656	how do you think we should be well, how should we be
1657	thinking about limits on collection and what about limits on
1658	sharing, sharing with or selling to third parties?
1659	Ms. Collins-Dexter. I echo Ms. O'Connor. I think we

1660 should be looking at all of this right now. Companies have a 1661 financial incentive to collect as much information as they can 1662 and store it forever with no obligation not to do that. 1663 think we have to have meaningful data minimization 1664 requirements. I think we have to definitely look at the 1665 various ways in which information is often used as a proxy for 1666 race. 1667

So, for example, we know that Facebook and a lot of big tech companies actually don't collect explicitly race data. However, many things around geolocation and daily habits are able to like put together this data profile in which like people are able to ascertain race and that is used for predatory marketing practices.

And so we have to be able to like parse through all of that information and keep a constant eye on impact, which I think should be at the core of any legislation that we are looking at.

The Chairman. Thank you.

Ms. O'Connor, what about limits on sharing with or selling to third parties?

Ms. O'Connor. Absolutely. We put those in two separate buckets. First, limits on sharing again for the most highly sensitive of the categories I mentioned, particularly things

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that are immutable or most intimate about you. On selling we would also put limitations, or sharing with third parties that the third parties would have to be bound by whatever promises the first party made about that data.

So absolutely, we would look very hard and limit secondary use and third-party sharing.

The Chairman. Thank you. I just wanted to ask about limits on sharing people's information with affiliates, because we know that many corporations own multiple affiliated companies that the average person would not contact, like YouTube, Android, and DoubleClick are all owned by Google, or Jet.com and Sam's Club both owned by Walmart. Data collectors who say they don't sell data to third parties may still want to share that with their affiliates.

So let me ask Ms. Collins-Dexter, should there be limits on sharing people's information with these corporate's affiliates?

Ms. Collins-Dexter. Yes, absolutely. We should definitely be looking at how these third party companies are operating as we saw with Facebook last week and as we continue to see with, as you all have mentioned, Cambridge Analytica and others. You have these third-party data mining companies that aren't regulated, aren't looked at. They are gathering

data, scraping it, selling it to companies for predatory
marketing purposes, selling them to like law enforcement
without our consent and because we don't even know that these
companies are looming in the background it really even further
limits our choice or ability to say no.

The Chairman. And just quickly, Mr. Grimaldi, behavioral ads, advertising needs data to target as to the most appropriate audiences. How would limitations on the collection and retention affect your member companies? Are there limits that can be established through legislation that provide reasonable protections to consumers that your member companies would accept?

Mr. Grimaldi. Sure, thank you. We currently have a very robust, self-regulatory program that is targeted to consumers having transparency into their online behavioral advertising and the ability to click through the ad via an icon in the upper right corner of every ad that is served over a trillion times per month that takes you to a page that says, why am I seeing this ad and how can I stop seeing it?

There is tremendous uptake in terms of people going through that ad up to the tune of about 70 to 80 million unique impressions. So we offer that control. One of the messages today before you is as much as we are trying to

posted on the Committee's website as soon as it is available. 1729 educate consumers on that there is still a need for a federal 1730 program that can help us distinguish what kind of advertising is working, what is considered harmful and what do consumers 1731 1732 need to know. 1733 Again before they click on something it could be 1734 something that is very much tailored to what they are looking 1735 for, an ad that speaks to them. We have much research that 1736 shows that consumers prefer targeted behavioral advertising rather than generic advertising, but we want to make sure 1737 1738 consumers have those controls so that they can stop seeing 1739 those ads and again that could be enshrined. 1740 The Chairman. Thank you. 1741 Ms. Schakowsky. And now I yield to Mr. Latta, the former 1742 chair of this subcommittee and my friend. 1743 Well, thank you very much. If I could ask Mr. Latta. 1744 just a quick point of personal privilege and congratulate the chair on assuming the gavel. So congratulations, it is a 1745 1746 great subcommittee. 1747 And Madam Chair, before I begin I would also like 1748 unanimous consent to enter into the record excerpts from the 1749 WHOIS report from the Department of Justice Attorney General's 1750 cybersecurity task force.

This is a preliminary, unedited transcript. The statements within may be inaccurate, incomplete, or misattributed to the

speaker. A link to the final, official transcript will be

Ms. Schakowsky. Sorry. Without objection, so ordered.

1752	[The information follows:]
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Mr. Latta. Thank you, Madam Chair, if I could reclaim about 30 seconds there.

Last Congress, the Energy and Commerce Committee held nearly a dozen hearings discussing privacy and security issues. That includes much publicized hearings where we heard from the CEOs of Facebook and Twitter about how the companies collect, safeguard, and use data. From those hearings it was clear that while these companies provide a service that Americans like, consumers aren't always clear about what happens with their personal information.

With the California law slated to take effect at the beginning of next year, time is of the essence. In divided government it is not always easy to tackle the tough problems, but I believe the time is right to work together on a federal data privacy solution. Both consumer groups and business organizations have come onboard in calling for a national standard. We all agree that consumers should have transparency and accountability and that we want to ensure that the United States stays the prime location for innovation and technology.

Dr. Layton, if I could ask you, I have been hearing from many groups regarding the loss of access to information about domain name registration or the WHOIS data and the role it

1778 plays in protecting consumers. Would you explain how WHOIS 1779 increases online transparency so that consumers may have a better understanding of who they are interacting with online? 1780 1781 Ms. Layton. Right. So the WHOIS database for just lack 1782 of a better way would be a sort of address book for the 1783 internet, who is registered, who owns what particular domain. 1784 Mr. Latta. And following up, would you want to comment 1785 on how the GDPR is creating challenges to accessing that data? Ms. Layton. Absolutely, so one of the key problems is 1786 1787 that because of its ability to retract information, that 1788 people are -- that the domain name registers are masking their 1789 This is making it very difficult for law identity. 1790 enforcement to find out perpetrators of crimes. It is also an 1791 issue to if you need to contact things where intellectual 1792 property, for example. 1793 So there are many concerns with this and this reflects, 1794 you know, our historical view of privacy of prioritizing the 1795 right to know. We believe that the public has a right to know 1796 about these things. 1797 Mr. Latta. Well, could you go into a little more depth 1798 about on how, you know, that information helps in identifying

those bad actors and those criminals that are out there and

that law enforcement needs to be able to find those

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individuals and bad actors?

Ms. Layton. Right. Well, in just the same way that if you looked at a phone book and you would see, well, you know, a certain address and this place, who lives at that address, I mean that is a key function of law enforcement. So if you are taking that away for the internet for global, for law enforcement everywhere that it is a serious problem.

Mr. Latta. And if you could list your top three concerns for the GDPR and also the CCPA which is the California law?

Ms. Layton. Sure. Well, I would say the first concern from the U.S. perspective would be First Amendment free speech concerns that the level of government requirements is so high that it reduces expression. That would be number one. I would certainly say safety would be number two with regard to just what you described. You have other issues with people who have committed crimes in the European Union who are asking that their records be erased or removed that have committed murders, child molestation, and so on. That is a serious problem.

And I would say thirdly, the sort of a dumbing down of consumers that there is creating a false sense of security that somehow that regulators have the answer on what to do, it doesn't allow consumers to take responsibility for when they

This is a preliminary, unedited transcript. The statements within may be inaccurate, incomplete, or misattributed to the speaker. A link to the final, official transcript will be posted on the Committee's website as soon as it is available. 1824 And I would add number four, which is I think that go online. 1825 you are freezing in place technologies and you don't let them 1826 evolve. 1827 So, for example, the E.U. will require using certain 1828 kinds of data protection technologies, but we can actually 1829 make them better. So if you require a company to do 1830 technology A today, I can invent technology B tomorrow and I 1831 am not allowed to upgrade to it. So that is a major problem 1832 as well. All right, I appreciate it very much and I 1833 1834 yield back the balance of my time. 1835 Mr. O'Halleran. [Presiding.] Next will be Mr. Lujan, 1836 New Mexico. 1837 Mr. Lujan. Thank you very much, Mr. Chairman, for this 1838 important hearing. Let me jump into this. 1839 In 2000, the FTC recommended that Congress enact a 1840

In 2000, the FTC recommended that Congress enact a consumer internet privacy legislation. That was 19 years ago. This subcommittee held a hearing after the Equifax breach in 2017. We had Mark Zuckerberg before the full committee in April 2018. The 115th and previous Congresses failed to pass meaningful privacy protections even though there were commitments made to the American people.

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So as we jump into this, Ms. O'Connor, an entire economy

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based on data has been built but we didn't stop to consider the risks and potential downsides companies collecting data have put consumers at risk.

Mr. Grimaldi, in your testimony you say that the law should incentivize strong and enforceable compliance and self-regulatory programs by creating a safe harbor process, but I am concerned that incentives won't be enough. We need some accountability. So what one of the ideas that we have is to require companies to conduct risk assessments, if you want to process data for consumer-related uses you need to assess the foreseeable risks of such uses.

So, Ms. O'Connor, yes or no, should we require risk assessments so companies factor the risk and potential harms in their decision making?

Ms. O'Connor. Certainly the concept of risk assessments or privacy impact assessments has been around since even before those FTC hearings, which I attended in the year 2000 and before, and certainly that is part of a robust privacy program. But we do want to be mindful of the burden on small businesses and make sure that the legislation that is comprehensive is elegant and efficient. It is simple. It is streamlined and easy for a small, a medium, and a large company to know what the rules are and to abide by them.

1870	So while I am certainly in favor of and I have
1871	implemented a number of PIAs or risk assessments in my time in
1872	the government and in the private sector, I want to make sure
1873	that the law is simple and clear for consumers and for
1874	companies.
1875	Mr. Lujan. So assuming the same disclaimer holds true to
1876	the next question, yes or no, should we require a privacy
1877	protection officer at companies that collect large amounts of
1878	data who would be responsible for training staff, conducting
1879	audits, working with authorities, and advocating for privacy
1880	with the entity?
1881	Ms. O'Connor. Yes.
1882	Mr. Lujan. There is a great editorial that was authored
1883	in Forbes, January 15th, 2019, titled "2019 Data Privacy Wish
1884	List: Moving From Compliance To Concern." I would ask
1885	unanimous consent to submit it into the record.
1886	Ms. Schakowsky. Without objection.
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Mr. Lujan. In it one of the points that was made here is from a move from privacy compliance to concern and care. That "rather a philosophy that treats data with extreme care and with prevention of data breaches in mind," that that is something that companies should be doing. So that is where I am thoughtful from a incentive prospective, but what we must be doing going forward.

Ms. Collins-Dexter, you highlighted in your testimony some important aspects here. And I am concerned about implications for access to housing, lending, digital redlining, and voter suppression as we talked about information that is shared that is sensitive. Would you agree that this is a problem?

Ms. Collins-Dexter. Yes. I absolutely do.

Mr. Lujan. Have companies responded when it has been brought to their attention that their products or services are having discriminatory effects?

Ms. Collins-Dexter. On the whole, no, it has not. We have sat at the table. Part of our model is a corporate accountability model which requires direct engagement in negotiation. We have sat at many companies, Facebook included, for many years and have a lot of discussions with them. And for every policy they develop we tend to find weeks, days, months later that the problem is really much

1914 larger than what was initially indicated. And so self-1915 regulation has not proven to be a viable option. 1916 Mr. Lujan. So with that being said, have the responses 1917 from industry been adequate in this space? 1918 Ms. Collins-Dexter. Have the responses from the 1919 industry? 1920 Been adequate? Mr. Lujan. 1921 Ms. Collins-Dexter. No. 1922 Mr. Lujan. Are there changes companies have made 1923 voluntarily that should be made into law? And we can get into the details, just yes or no. 1924 1925 Ms. Collins-Dexter. Yeah. 1926 Mr. Lujan. So we would be happy to work with you in that 1927 space. 1928 Mr. Grimaldi, the IAB represents over 650 media and 1929 technology companies that together account for 86 percent of online advertising in the U.S. 1930 You heard the quote that I 1931 referenced from this editorial. Are these companies looking 1932 to protect my privacy when they are making business decisions? 1933 Mr. Grimaldi. Congressman, they are. They are without a 1934 One of the things again why we are here today is to ask government to fill in those holes that we can't fill in. 1935 1936 Should there be mandatory components of a privacy policy that 1937 does not let a user accidentally click something to give

consent? Is there other pieces where we could work with you on strengthening what we already have put in the market for consumer controls.

Mr. Lujan. Let me ask a question as my time expires and I will be happy to submit that to the record so we can get a response. Would you agree that companies need to shift to a philosophy that treats data with extreme care with prevention of data breaches in mind?

Mr. Grimaldi. I think what needs to be defined are those unreasonable and reasonable uses of data. Again many on the committee have said we use data, we give our data to certain apps or to certain programs to help us every day. Is that data being used for those purposes? Are there harmful uses of data? I think the absolute answer is yes. Are there guardrails we can put around it, more self-regulation, more partnership, yes.

Mr. Lujan. Madam Chair, just as my time has expired and I thank you for the latitude here, it just seems that we wouldn't be here today if, in fact, there was an effort to concern and care versus just compliance. And I think that is what we are looking for is how can we work on this collectively and together such that we get to that point. So I appreciate that time. Thank you, Madam Chair.

Ms. Schakowsky. I recognize for 5 minutes Congressman

1962 Bucshon.

Mr. Bucshon. Thank you, Madam Chairwoman.

I was a healthcare provider before, and health information is some of the most sensitive information that is out there and it is also some of the most valuable. So I hope that whatever we do here in Congress specifically addresses health information because it is really critical and important.

As you may have heard, last week it was revealed that Google's Nest Guard home security device had a microphone inside the device that consumers did not know about and it was not disclosed. As I have discussed in prior hearings on data privacy including with Mr. Zuckerberg, I am concerned about the inappropriate collection of audio data. And it seems that everyone denies that that happens, but I think everyone knows that it probably does.

So Ms. Zheng, can you expand on how the right to privacy would play into this type of practice and how we would deal with that?

Ms. Zheng. Thank you for that question, Congressman.

When it comes to audio data if it is personally identifiable information or personal information and falls within the scope of a privacy, you know, a new privacy bill, I certainly believe that transparency, control, access, the right to

correct it, the right to delete it, should be rights the consumer should have including for audio data.

Mr. Bucshon. Because that is going to be important because if we exclude things that you actually type on the internet but we don't have things in privacy where if you are talking your phone picks it up and sends a keyword to someone and they advertise based on that, then we are missing the boat on that. I want to prevent collection of data without consumers' knowledge and audio data would be there.

And, Dr. Layton, do current laws cover this type of omission from Google about a microphone? And second, if we decide to grant additional authority to the FTC, would you have any suggestions on how the FTC may play a role on addressing intrusive data collection policies including audio data without harming innovation?

Ms. Layton. Thank you, Congressman. I think it is excellent that you raised the point when you use various devices in your home, Alexa home and so on, you are having conversations with your family members. And I think law enforcement has actually used some of that data in some cases and with good purposes for it, actually. In terms of the Federal Trade Commission, they are engaged in this process now. I don't know if audio is a specific part of their inquiry. I would have to get back to you on that.

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Mr. Bucshon. Okay.

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Ms. Layton. I can't recall at this moment. But I don't see from a technical perspective why audio would be different because it would be recorded as the same data. Even though you are speaking it, it would be transcribed into a data file, so.

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The other thing I want to quickly Mr. Bucshon. Okay. say and then I have a question for Mr. Grimaldi is that also we need to address hardware as part of this. Not just an app but hardware because data, location data is really important. And there was a local news media here in town who turned off their phone and did everything they could except take the battery out. Went all over the city of D.C. and then went back, plugged it in, and all the metadata everywhere they were was recorded and as soon as they turned that phone on it all went out to the internet. So hopefully anything we do on privacy also includes hardware, not just apps, not just software. That would be important.

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So, Mr. Grimaldi, in your testimony you highlight that data-driven advertising has helped power the growth of the internet by delivering innovative tools and services to consumers. Many constituents including myself, and I am going along the audio theme here, have concerns about how conversations when not directly using an app, device, or other

electronic device appear in a later online ad based on keywords in the conversation. Can you help me understand how this is happening?

Mr. Grimaldi. Sure. There is -- and also I think it is important to understand the difference between personal data and synonymized data. And that is if you were using, if you were in your conversation using words that were flagged that weren't, you know, Congressman Bucshon, but they were an individual who was into hunting or was into automotive, cars, you name it, sports, that data could be tagged for you and used to serve you better targeted ads.

Mr. Bucshon. Can I just interrupt for a second? So I was having a conversation with my communications director, this happened about a month ago, talking about a certain subject and the next day he got ads on his computer specifically about that particular subject. We happened to be talking about tennis because he is a tennis instructor, but nonetheless. So continue.

Mr. Grimaldi. Right. And without intimate knowledge of how that hardware is constructed, if I were to take that as an example of just your web browsing those sorts of things could be flagged in order to serve you ads that are not generic, that are more tailored to your interests and done in a way that again the word "synonymized," meaning you are put into a

2058 category rather than your name, your address, your Social 2059 Security Number, but just your likes and dislikes. And then 2060 that enters a marketplace behind the web where that 2061 information is used to serve you better ads without linking 2062 you personally to your information, your intimate information. 2063 It is another piece of that reasonable and unreasonable 2064 construct we are talking about. 2065 Okay. My time has expired, but I want to Mr. Bucshon. 2066 make sure that whatever we do here in this committee it 2067

includes audio data and also considers location data based on hardware within a device. Thank you very much. I yield back.

Ms. Schakowsky. I recognize Congresswoman Rochester.

Ms. Blunt Rochester. Thank you, Madam Chairwoman. thank you so much for setting the tone of this hearing and this is a vitally important topic for Delawareans but also for our nation, and I want to thank the panel as well.

You know, more and more in our daily activities they involve the use of the internet. Many of us pay our bills, shop, play games, and keep in contact with friends and relatives through websites or online applications. with all of these activities taking place online, websites are amassing more and more personal information. This presents serious privacy concerns.

Large-scale data breaches are becoming more common and

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consumers have a right to know what is being collected, how it is being used, and should be notified when a breach has occurred. Most of you on the panel today have discussed the need to give consumers more control over their own information, to get more control over their own information and should it be, you know, how it should be collected and how it should be used.

And I want to drill down just a little bit deeper on that and ask Ms. Zheng, the Business Roundtable's privacy framework promotes the idea of giving the right to access the correct, and correct inaccuracies in the information collected about them. So can you talk a little bit about what you mean by information collected about them and does that just refer to data points collected or does it also include any inferences made based on that data?

Ms. Zheng. Congressman, that is a good question and it is a very specific and detailed question that to be honest with you we still need to discuss within our membership.

Right now as we drafted our proposal, our framework, the right to access, correct, and delete your data does apply to your actual personal data. So, but to answer your further question I would need to follow up with you.

Ms. Blunt Rochester. And I am going to ask a few other people questions around this as well. I mean I think a lot of

us are familiar with, you know, the story of the individual at Target who got the coupons, came to the father's house for a pregnant teen, and again it was inferences.

And so I want to ask Ms. Collins-Dexter, what are your thoughts on access and correction and should consumers be able to see and correct inaccurate inferences made about them? And I want to start with you.

Ms. Collins-Dexter. Yes, absolutely. We think that people should, similar to a credit report, have an opportunity to challenge and correct information. One of the things that we have even seen with some of our work around voting records and purges that have happened across the country is that there is a lot of data collected and based on like inaccurate names or misspelled names that allow for voters to be purged from files across the country.

I think, you know, as we think about all of the various data points and all of the mistakes that happen, again we are finding the people that tend to be most impacted are low-income communities of people of color, people who aren't able to actively challenge and correct the record on themselves. So I would say it is extremely important on a number of different fronts that we are allowed to do that and any privacy legislation should allow for that.

Ms. Blunt Rochester. Thank you.

And, Mr. Grimaldi, you didn't really talk about consumers' right to access and correct information collected in your testimony, but how do you think giving those rights to consumers would affect your member companies?

Mr. Grimaldi. Thanks, Congresswoman. To echo what some of my co-panelists have said, consumers have a right to delete their data and I think there are things to explore with those rights. There are obviously fraud, misuse, other components that could negatively affect either a consumer's online experience or their just life experience, and we are seeing that contemplated in Europe and we are seeing that contemplated in California. There are problems though I would point out that could come about when consumers request their data to be deleted and the authentication of those consumers requesting it.

One of the major pitfalls that we are currently working on with the California law is if somebody could have their data deleted, how do they authenticate themselves to make sure it is them? If somebody can request their data, how do we know it is them and it is not somebody stalking them or somebody meaning to do them harm. Those are really important questions.

Ms. Blunt Rochester. You know, I want to kind of close out my comment by just saying that why this is so important is

2154 because I think a lot of people do feel that it is a fait 2155 This is the world that we now live in. And that is accompli. 2156 really what the role of Congress is, is to make sure consumer 2157 protection going back to what our chairwoman said. 2158 My time has expired. so much. 2159 Ms. Schakowsky. I now recognize for 5 minutes, 2160 Congressman Carter. 2161 Mr. Carter. Thank you very much, Madam Chair, and thank 2162 you, all of you for being here. This is an extremely 2163 important subject and we want to do the right thing, so that 2164 is why we got you here. You are the experts. You are the 2165 ones we want to learn from and hopefully build upon. 2166 Dr. Layton, I want to start with you. First of all, 2167 earlier, one of my colleagues mentioned the WHOIS database. 2168 Can you explain that very briefly what that is exactly? 2169 Ms. Layton. Well, I just use the address book for the 2170 internet, you know, those who registering the names that they 2171 have to disclose who they are. 2172 Mr. Carter. Well, it is clear through your testimony as 2173 well as your background that you have a good grasp of GDPR and 2174 the impact that this had. It is my understanding that the 2175 WHOIS, or ICANN is the governing agency over WHOIS, that they 2176 have actually run into problems with this and they have 2177 actually said that they are not going to be collecting that

data anymore?

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Ms. Layton. So, no. They have actually for some, for quite a long, at least a year they have been trying to work with the officials in the European Union to highlight to them the problems and to find a resolution. And the pressure from the, you know, extreme privacy advocates in the European Union are not letting them come to a resolution. So as I understand today, I don't have the most up-to-date, but I think there is an impasse right now because it is not resolved. So the information is not available.

Mr. Carter. Well, this is the kind of thing that we want to learn from. I mean we don't want to make the same kind of mistake that obviously they have made and because it is my understanding that WHOIS data is very important particularly to law enforcement. Has that been your experience?

Yes. Well, absolutely. I mean it is a major issue for law enforcement, intellectual property rights holder, you know, people in the public who may need to do research and so on. I think the lesson learned here is, you know, we have heard before the way to hell is paved with good I think everyone has had good intentions and they intentions. They didn't have a They went too far. have overreached. process to test the various provisions. Everybody got to tack on what they thought made sense and then they just bring it

2202 over the finish line and we have to live with it. 2203 What do you think we could learn from that? Mr. Carter. 2204 I mean how could we make it better? 2205 Well, at least one of the things I would say Ms. Layton. in terms of how we are ahead in this respect, in the United 2206 2207 States we have a transparent policy process. When we are 2208 submitting anything to the Federal Trade Commission, as part 2209 of what they are doing you have to disclose your name, who you 2210 are, you are conducting this hearing today. 2211 The policy process now in the E.U. because of this rule 2212 means you can mask your identity. So you can submit into a 2213 regulatory hearing, you don't have to say your name. 2214 don't have to say who you are, for privacy reasons. So what I 2215 would encourage Congress to do is keep with our tradition for 2216 the public's right to know, to continue in this vein as you are having the hearings today, and to, you know, to take these 2217 steps to look at where it hasn't worked and to not make the 2218 2219 same mistakes. 2220 Mr. Carter. Let me move on. Earlier we talked about 2221 market share particularly as some of the companies have grown 2222 in market share and at the expense of others as a result of What is the primary reason for the change in market 2223 2224 share for some of these companies?

So, well, in many respects there are, it is

Ms. Layton.

2226 because a number of firms have exited the market. They have 2227 decided they are no longer going to operate, so in many 2228 respects that the advertising market has shrunk in the sense 2229 that there are fewer properties on which to conduct 2230 advertising that would be one thing. The other issue is that 2231 when those other smaller players leave it just means that 2232 people visit the larger players more. 2233 Has this had an impact, obviously it has had Mr. Carter. 2234 an impact on the exports to Europe of various content and 2235 digital goods? 2236 Well, so for me when I am sitting in Ms. Layton. Right. 2237 my office in Copenhagen and I try to go to Chicago Tribune, I 2238 cannot open it. I just see a white page that says sorry, we 2239 are not delivering our content. And, you know, that is 2240 unfortunate for me, I can't see the information. It is too 2241 bad for the advertiser, they can't put the advertisement on 2242 It is sad for the one million Americans that live 2243 in the E.U. 2244 I was about to say it obviously has an 2245 impact on them and they are not able to get the information. 2246 So, but I think as Mr. Grimaldi, he Ms. Layton. Right.

pointed it out very well and I think his testimony makes it

very clear it is not that they don't want to do it, but it

costs too much money and there is a regulatory uncertainty.

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2250 The legal risk is so high because it is not just -- it is so 2251 new, this rule, so we don't know how they will be interpreted 2252 and it is a whole value chain that all of the partners who 2253 might be working with Chicago Tribune or whomever may also be 2254 So they don't want to take the risk. 2255 Mr. Carter. Well, again I want to thank all of you for 2256 I think there are important lessons that we can being here. 2257 learn from the experiences about the European Union as well as 2258 what we are trying to do in California. Obviously what we 2259 don't need is 50 different sets of rules governing. 2260 one set of rules here in America. 2261 And hopefully, and I have always said I don't want to 2262 stifle innovation so that is one thing I hope we keep in mind 2263 in this committee as we move forward. Thank you, Madam Chair, 2264 and I yield back. 2265 Ms. Schakowsky. Thank you. And now I welcome the vice 2266 chair of this committee, Mr. Cardenas. 2267 Mr. Cardenas. Thank you very much, Madam Chair, and 2268 thank you for holding this very important matter before the 2269 And to the ranking member as well, thank you. public. 2270 Ms. O'Connor, would you like to shed maybe a little bit of light on the dialogue that we just witnessed over the last 2271 2272 3 or 4 minutes about the E.U. and maybe the mistakes they made

and things that we could learn and the cross reference between

innovation and privacy?

Ms. O'Connor. Thank you so much, sir. I think it is fairly certain that we in the United States will pass a United States law that reflects our values and our cultural traditions and our unique opportunity here as the birthplace of Silicon Valley. But I think there are also our shared values, values of respect and dignity, values of customer trust that our companies, our U.S.-bred companies can certainly adhere to.

I think privacy and security are a form of corporate social responsibility in the digital age and are essential to doing business in a thriving U.S. economy and around the world. Yes, it is important to get to a federal standard, but it is important that that standard be strong and be understandable by small, medium, and large enterprises in the United States and, most importantly, be one that customers can trust, that consumers and citizens of this country can have certainty that their information is being treated fairly, that they are not being discriminated against, and that they understand the consequences of the bargains that they strike with companies.

Mr. Cardenas. Well, one thing that I enjoy the most is being able to go back to my district and I am blessed that my two grandchildren live in my district, so I can drive 5

minutes, jump on the carpet and roll around with them and play with them and know that when they grab a toy -- like my 6-month-old, she is at that age where everything goes in her mouth -- know that consumer protection is something that we take for granted in this country. We didn't do that back in the day maybe decades ago, but at least today I know that there is a 99.999 percent chance that that toy is not going to hurt my little granddaughter.

Speaking of children, under the CCPA businesses are supposed to provide an opt-in mechanism for children 16 and under to allow companies to sell their personal information as defined by the CCPA. How do they know whether the children are 16 and under, under any system?

Ms. O'Connor. Well, that is such a great point because it requires more authentication and more knowledge in order to know who your consumer is. I think you have identified one of the very compelling gaps in our coverage right now, the above COPPA but below majority age group in our country. I have several of those people living in my house right now and they are a challenging age on the internet to say the least. And it certainly bears consideration of what we should do going forward to consider whether COPPA is working adequately and what to do with that in-between age group.

Mr. Cardenas. What is the mechanism to get parental

2322 | consent for children under 13?

Ms. O'Connor. It is somewhat complicated and requires several steps of the parent self-authenticating and providing phone numbers or email addresses or the like. I seem to do this every single day on my computer for my youngest child. But it still is fraught with some peril that the child may be providing inaccurate information or that the data may be used in a way that is unanticipated by the parent or the child.

Mr. Cardenas. Under the federal law COPPA companies must obtain parental consent before collecting personal information online from children under the age of 13. How do companies verify parental consent and how does the FTC enforce this?

Ms. O'Connor. The parent often has to respond to an email verifying that they are the parent or that they have authorization. The FTC has taken some cases and I think there is concern in the marketplace about whether the enforcement mechanisms have really fully grasped the complexity of the issue both in the online world and as you point out in the Internet of Things world.

Mr. Cardenas. What seems to be the logic or the history on the difference between a 12-year-old and a 13-year-old and why is that the cutoff point?

Ms. O'Connor. I am sorry. I can't speak to the legislative history on why that number. It certainly is one

that bears a relevance in a number of cultural traditions. 2346 2347 But I think we all know that one 13-year-old is not the same 2348 as another in many households and there is a large age group 2349 between again 13 and 18 that we should be thinking about as 2350 well. 2351 Mr. Cardenas. How do we expect a 13-year-old to do, wade 2352 through this without parental consent or somebody, an adult 2353 helping them? 2354 I totally agree. I think kids, teenagers, Ms. O'Connor. 2355 and grownups in this country deserve greater supports and 2356 protections around their personal data online and off. 2357 Mr. Cardenas. I think it would be naive for us to 2358 believe that there isn't a motivation out there with the 2359 largest corporations in the world and getting more dominant 2360 and larger for them not to look at our children as consumers. 2361 If you look at the bandwidth of a consumer power of a 2362 teenager and a 20-some year old and a 30-some year old, et cetera, there is tremendous motivation for individuals to 2363 abuse the information of our children. And I think it is 2364 2365 important that -- thank you for the confidence that you gave 2366 that you believe that Congress is actually going to pass 2367 something. I hope that we do. Thank you for that confidence. 2368 I yield back.

Ms. Schakowsky. And now I yield 5 minutes to Mr.

2370 ||Gianforte.

Mr. Gianforte. Thank you. And, first, I would like to thank the chairwoman and ranking member for welcoming me to this committee. Thank you. I look forward to serving and I am encouraged by the conversation today. I think there is some good bipartisan common ground here to find solutions.

The internet has removed geographic barriers from many our rural areas that previously prevented small companies in rural towns from competing globally. Concerns about data misuse are warranted, but creating an overburdensome regulatory environment would have devastating effects for this coming new prosperity we are seeing in rural America.

I think we all agree and we have heard it in the testimony today that consumer data must be secured and that we need more transparency and accountability in all of our practices and we need a national standard. Our job is to find a balance between these overly prescriptive laws like GDPR and versus a patchwork of 50 different laws in different states. Trying to comply with either would devastate small businesses. We have heard that in the testimony today, while increasing market share for some of the largest companies we see and this is what has caused the concern.

The burdensome top down approach taken by GDPR can stifle innovation and lead to less information simply because it is

too costly to comply. It is imperative then we adopt one national standard and that clearly defines the responsibilities of consumers and businesses and I think we have unanimity on the panel today, so I appreciate that.

Consumer concerns over their data can be attributed back to a lack of transparency and misunderstanding of how their information is being collected and used. Bad actors should be punished. We have seen many of them pursued by the FTC and also through the loss of consumer confidence.

The market tends to enter in here. In our internet business my wife and I started in our home, over 15 years it grew to one of the top 100 websites in the world. about eight million consumers a day and we were entrusted with the data for nearly 2,000 organizations around the world. Protecting customer data was paramount in our business. knew that the safety of our customers' data which we protected in the cloud was the key to continued viability of our business. The stakes and the consequences could not have been higher. We had to protect our customer data or face going out It is difficult to regulate a dynamic industry of business. and hastily rushing to draft legislation could have more unintended consequences than solutions. We have seen that in GDPR and in the California regs. As debate over consumer protection continues we should pursue one national standard

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2418 that increases transparency and accountability while 2419 protecting small business and innovation. 2420 I have a couple of questions. Dr. Layton, with all of 2421 this in mind and in light of the light regulatory touch we 2422 have taken in the U.S., historically, can you please discuss 2423 what you believe are the best way to guard against entrenching 2424 larger companies and disadvantaging smaller business? Ms. Layton. Well, in two words, permissionless 2425 2426 I mean I think that that has been one of the most innovation. 2427 important things about our economy was that we allowed Just as you, yourself, you didn't have to -2428 companies to try. 2429 - I doubt that you went to Washington and said may I try this 2430 website, and you just got going. 2431 Mr. Gianforte. Yeah. Okay, thank you. 2432 And, Mr. Grimaldi, we heard from Ms. O'Connor and her 2433 litany of 260 applications -- very impressive -- and the 2434 intractability of complying with them all. And in your 2435 testimony I thought it was very helpful you recommended moving 2436

from these disclosures and checkboxes to prohibited practices. Can you give us a couple of examples of prohibited practices that you would put on that list if we were to draft legislation with that approach?

Mr. Grimaldi. Sure. Thank you, Congressman. I think Ms. Collins-Dexter has an unbelievable list in her testimony.

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2442 Eligibility, improper targeting because of eligibility, and 2443 discrimination, the use of sensitive information which would 2444 need to be defined, we have spoken a lot about it today that 2445 consumers don't anticipate and would never want to share and 2446 would never want to be used. I would say even if it is 2447 synonymized and not linked to their personal data along the 2448 lines of healthcare providers or addresses, et cetera. think that is all important. 2449 2450 Mr. Gianforte. Do we need to differentiate between the 2451 types of data that is being collected and how would you 2452 suggest we do that? 2453 Absolutely. I think that is again Europe Mr. Grimaldi. 2454 should not dictate what our national law should be. I don't 2455 think one state should either. I think this body and the 2456 Senate is the best representation of what consumer sentiment 2457 is around these issues. My industry needs trust or else we 2458 don't have people logging on to our websites, we don't have 2459 people clicking on our ads. The whole internet economy is built on that. 2460 These are the things, these are the important 2461 conversations. 2462 Okay, thank you. Mr. Gianforte. I want to thank the 2463 panel for your testimony today. It is very helpful. And with 2464 that I yield back.

Ms. Schakowsky. And now a belated happy birthday and I

call on for 5 minutes on Mr. Soto.

Mr. Soto. Thank you, Madam Chairwoman. I believe most Americans have a basic understanding that their personal data is being used, but there are certain expectations of privacy that I think are reasonable for users to be able to have throughout the United States that their personal data be kept secure and not be stolen in a cyber breach, that their health data be protected so that it couldn't just be acquired without their permission, or that we avoid a society where government monitors all of our data in some big brother type of situation that we are seeing now in China and in Russia.

You know, we have heard some complaints about states getting involved in this and the Supreme Court has gotten involved in it, which I will get into in a second. Really, the internet is a part of interstate commerce, but it is this committee's lack of action in legislating that has created this vacuum for states to act.

First, I want to just point out that the Supreme Court has already stated we some right to privacy for our personal data. In the recent Carpenter v. United States case, they at least applied the Fourth Amendment to say that government cannot get personal data from our cell phones without a warrant and I wouldn't be surprised by a 5-4 majority or more that that is extended to other rights. So the Supreme Court

is already acting. States have already stepped up.

There has been a lot of talk, first, about a duty of care. That has mostly been in the purview of academia, but it is something that we ought to consider, cybersecurity protections, proper use of data consistent with disclosures, and handling requests and complaints for use of data. A second big issue we saw Delaware tackle with requiring privacy policies to be conspicuously available on websites. I don't think that is much to ask since we have that for a lot of contracts.

And then, thirdly, is really sort of the big question on privacy in general. California passed the Consumer Privacy Act of 2018 where there is a right to request businesses to disclose data collected, right to request businesses delete personal information, and then a right to opt-out without being discriminated against. And I think that is the multitrillion dollar question in the room today and that is where I want to start by asking our panel.

Starting with Ms. O'Connor, do you think that you should be able to opt out of these sites' ability to collect data without being discriminated against, basically denied use of service?

Ms. O'Connor. Certainly. And as I mentioned before, there is a primary purpose and a primary data collection for

2514 So to send me the book or the yellow sweater the transaction. 2515 you have to know my address, but I do think individual 2516 consumers deserve more, not only agency but control over their 2517 data and the data lifecycle to access, correct, and delete 2518 data if they want to as well. 2519 Mr. Soto. Thank you for your input. 2520 And, Ms. Collins-Dexter, do you think you should be able 2521 to opt out without discrimination? 2522 I think opt-in forces -- well, Ms. Collins-Dexter. Yes. 2523 rather, I think when you set an opt-in framework it forces 2524 companies to make the case for why data is needed for desired 2525 use and why consumers should consent to that. I think, 2526 however, even in an opt-in framework, I think as we have heard 2527 examples over the day, companies will do all sorts of tricky 2528 things to get consumers to consent to things that they want to 2529 do. And so I think legislation has to really move beyond a 2530 choice framework and really focus on prohibiting harmful use 2531 2532 of data, establishing baseline norms and obligations such as 2533 data minimization and purpose limitation. 2534 Mr. Soto. Thank you. 2535 And turning to innovation on this aspect, Ms. Zheng, do 2536 you think it would be a viable alternative that people can 2537 charge a user fee should they want to opt out of data

collection? Would that still embrace the kind of innovation that you have been talking about?

Ms. Zheng. Thank you for that question. I think if the companies choose to do that or choose to adopt that approach that would make sense, but I am not sure that mandating it in statute would make any sense. It would certainly hurt innovation.

Mr. Soto. And, Mr. Grimaldi, on this sort of choice should you be able to opt out without discrimination or would it be appropriate to potentially charge the user fee in the alternative or deny a service altogether?

Mr. Grimaldi. Thanks, Congressman Soto, a couple things. We see that not in terms of data for shopping data, for other use, but we see that in terms of just the value of exchange on if you want to access a certain subscription website and view their content you have to pay a fee. That is that value exchange.

To your question of should you be able to opt out and not receive those services, I think that is another thing that needs serious contemplation because I don't think a one-fits-all approach would work here just in terms of that being a defined right and the massive disruption that could cause to websites large, small, Google, Amazon, a small yogurt shop, if you opt out of giving your data can those companies survive.

Are they monetizing it in a way that a consumer knows about that has that policy in their face or the opt-out mechanism in their face. We supply that as I mentioned earlier via a large multi-stakeholder regime.

So there are tools out there. Could they be stronger? I think that is a great question.

Mr. Soto. Thanks. My time has expired.

Ms. Schakowsky. Now I am happy to yield to Congresswoman Matsui.

Ms. Matsui. Thank you very much, Madam Chair. And I want to thank the panel for being here today. This has been a very enlightening discussion. And I just want to make a comment about the elephant in the room, although I don't really regard it that way. As you can tell I am from California and there has been a lot of comment about the California law.

But may I just say about California there has not been much action on the federal front, we all know that. And California being California with its myriad of businesses both big and small and its diversity, we have rural areas, urban areas, and suburban areas and it is not something that -- we are not a small state, we have a myriad of opinions. And we are also a very innovative state, the home of many of the large companies that actually testified last spring.

So I just will tell you this. There are ways that I know Mr. Grimaldi saying he is already working with the state of California, I think that is really very important, but I must say also that it is something to be considered that it is a state that is large enough to really be able enact a law but also to bring in many of the stakeholders too. So that is my piece on California.

I want to talk about advertising. Advertising supported models generate revenue through user provided data. Many platforms have broad statements that claim what is yours is yours, you own your content. I appreciate that. But I want to understand more about that. To me that means users ought to have some say about if, how, and when it is used.

But online platforms have an evolving set of rules for how partners can interact with the user content and how the platform may modify or adapt this content as it is distributed. The hearings this committee has held demonstrate that the real crux of the issue is how content is used and modified to develop assumptions and inferences about users to better target ads to the individual.

I want to ask, how should a federal privacy law ensure consumers have a meaningful say about how their data is used even when that data has modified use to develop inferences supplemented by additional data or otherwise? And I will

2610 start with you, Ms. O'Connor.

Ms. O'Connor. Thank you so much for that question. We would believe that there should be limitations on the secondary use of data that you have provided for a particular service and obviously transparency around the operations of the company and their intended use. I think your question gets to the heart of the matter, which is that individuals do not want to be discriminated online or offline and they want to know how the decisions that are being made about them are affecting their daily lives.

So we would absolutely want to look at issues of discrimination again in the online-offline world based on the data that is collected and allow the individual greater agency and control over that data.

Ms. Matsui. Thank you.

Now it has been noted that advertising is less concerned with identifying the individual, per se, than with the activity of the users to predict and infer consumer behavior. But I wonder if that is becoming a distinction without a difference even when user content isn't associated with that user's name, precise information can and is gathered through metadata associated with messages or tweets. For instance, online platforms often are offered geospatial metadata that they provide by parsing messages for location names of

interest including nicknames. This metadata could then be associated with other publicly available social media data to re-identify individuals.

Ms. O'Connor or Mr. Grimaldi, so even though advertising itself may not be considered with identifying the individual in the context of the federal privacy law, how do we ensure data is not being used by others to do so?

Mr. Grimaldi, first.

Mr. Grimaldi. Sure. Thank you, Ms. Matsui. And I think that those are very important questions that a potential, new, strong oversight regime would contemplate. A number of folks have mentioned the Federal Trade Commission. They have brought 500 cases or more on issues around these types. And while they are incredibly capable and very strong, they don't have the resources right now, I think, that would allow them to play a role in a massive part of the American economy.

So I think that that is up for discussion as to whether or not a new paradigm, the one that we are contemplating could bring new oversight and new enforcement and that is part of what we are discussing now. A moment ago I think it was Mr. Soto or Mr. Cardenas mentioned the jurisprudence in the past around these issues. And I think it would -- I was a staffer on this committee when long after the 1996 act was passed and there was much discussion about why that was never updated,

2658	why there was never momentum behind that to update it. And I
2659	think it is because getting in the way of innovation and
2660	getting in the way of consumers enjoying what they want and
2661	the services they are provided is a sticky thing. But in
2662	terms of more oversight and new powers to protect consumers, I
2663	think we are at a place right now where we need to seriously
2664	think about that and make it happen.
2665	Ms. Matsui. Okay, thank you. I am out of time. I yield
2666	back.
2667	Ms. Schakowsky. And next, also from California,
2668	Congressman McNerney.
2669	Mr. McNerney. There is a lot of us from California.
2670	Thank you.
2671	Ms. Matsui. Big state.
2672	Mr. McNerney. Thank you. I want to thank the witnesses
2673	for your perspectives on this. It is an important subject and
2674	it is complicated. It is not something you can get your hands
2675	around easily, so thank you very much.
2676	My first question goes to all the witnesses and please
2677	just answer yes or no. Is it important that any law that we
2678	draft be able to adapt to technological innovation and
2679	advancements over time? Starting with Ms. Collins.
2680	Ms. Collins-Dexter. Yes.
2681	Ms. Layton. Yes.
	.1

Ms. Zheng. Absolutely, yes. 2682 2683 Mr. Grimaldi. Yes. 2684 Ms. O'Connor. Yes. 2685 Well, that makes my point. Unanimous. Mr. McNerney. 2686 In order for comprehensive privacy laws created by this 2687 slow-moving Congress to meet the current challenges and to be 2688 able to adopt the new circumstances, I believe it is critical 2689 that we give the FTC APA rulemaking authority for privacy and 2690 data security. I have called for this over time and I expect 2691 to see that in our policy. 2692 My next question will go to Ms. Collins-Dexter. 2693 Facebook CEO testified before this committee I asked him if I 2694 could download all of my data that Facebook had and he said an 2695 unqualified yes. And then later in the hearing after being 2696 advised by his staff that that wasn't correct he corrected his 2697 statement. Now, Ms. Collins-Dexter, if a CEO of a major company that deals in data, that is their business, isn't sure 2698 2699 what data they make available to its users, can we have any 2700 confidence at all that these companies will actually make 2701 their data available to users when requested? No, we can't. 2702 Ms. Collins-Dexter. 2703 Mr. McNerney. Well, good. And clearly it is important 2704 that the comprehensive data privacy legislation grant

consumers the right to access their data and to correct it if

2706 lit is wrong.

You are not raising your hand to make a statement, I don't think.

Ms. Layton. No, I agree.

Mr. McNerney. Thank you.

Again Ms. Collins-Dexter, can you explain the risks that location tracking poses for low-income Americans like so many of my constituents?

Ms. Collins-Dexter. Yes. I also, if I may, want to sort of take us back again. I think there has been like a lot of conversation around patchwork legislation. And while I think there is certainly issues with GDPR, there is improvements to be made with California legislation.

I think one thing that I think came up in the testimony with Mark Zuckerberg that I think we should identify as really part of the issue of coming here is really an issue around tech monopolies and how they are consolidating power. And so I really think that it is important for us to maintain that even as we are looking at the ways in which they are collecting innocuous data points such as geolocation in order to ascertain things around race and come and use that as an opportunity to use predatory payday advertising, junk food marketing, and all sorts of sort of harmful advertising targeted at communities in different locations.

Mr. McNerney. Thanks for that comment. Well, I think it is important that we limit the use of data location information and that is something that I will be working with members across the aisle on.

Again Ms. Collins-Dexter, in your written testimony you mention that algorithms work as kind of a black box to drive exclusionary practices and you need to raise, need to ensure that fairness in automated decisions. What do you think are some of the challenges that companies face in this today?

Ms. Collins-Dexter. Yeah. I think part of what we are looking at or thinking about is this proposition of kind of garbage in-garbage out, right. And so I think there is a lot of presumptions that algorithms can't be biased or that tech is neutral. And what we find is history, a long, you know, history of systemic inequities are actually being and put in from data points and then replicating models of discrimination free from accountability.

And so I think, you know, one of the things that we want to look at is kind of the algorithm, distribution of advertisements related explicitly to education, employment, and housing opportunities, algorithmic distribution of political advertisements in communications, and algorithmic determinations of product prices and same-day shipping. These are examples of some of the things in which I think we need to

2754	see more intelligence and information on.
2755	Mr. McNerney. Thank you.
2756	Finally, Ms. O'Connor, I am worried about data security
2757	as well as data privacy. Would you agree with that?
2758	Ms. O'Connor. Yes, sir.
2759	Mr. McNerney. What is the relationship between privacy
2760	and security?
2761	Ms. O'Connor. They are inexplicably linked. They are
2762	two sides of the same coin. In our draft proposal we copy
2763	some of Congresswoman Schakowsky's language about thresholds
2764	and best practices and it is an essential part of a privacy
2765	program for any company large or small.
2766	Mr. McNerney. Thank you. And I just want to say I was
2767	shocked by your earlier statement, Ms. Collins-Dexter, that
2768	discriminatory technology is lucrative to identify ethnicity.
2769	In other words it is a lucrative technology used nefariously.
2770	Thank you. I yield back.
2771	Ms. Schakowsky. And now Mr. O'Halleran for 5 minutes you
2772	are recognized.
2773	Mr. O'Halleran. Thank you, Madam Chair. And I thank too
2774	the witnesses also that are appearing before us today.
2775	You know, I am all for a national policy but it has to be
2776	balanced. And it has to be balanced for the good of the
2777	people of America and their privacy. We have to recognize

that there is, you know, not only are these changing times but the speed at which technology is changing has to be taken into account. I was a former investigator and I have to tell you, I would love to be an investigator in these times because of the speed of information that I could get that used to take me maybe a month to get, I could get in minutes maybe.

So we have to be very concerned about these issues. And this is a national dialogue on how to enhance the data privacy of consumers. This is a debate that it is important not only to the people in my district in Arizona, but the American people. I have to kind of thank California and thank Europe for getting us pushed. Do I agree with necessarily about what they want to do? No. But do I think it has allowed us to be pushed in the right direction in a timely fashion? Yes, we should have done this much sooner.

As members of this committee across the aisle, we must take seriously our duty to closely examine how to ensure consumer privacy remains protected in today's increasingly connected global economy.

Ms. Zheng, as you know my rural district in Arizona is home to many small businesses who constantly strive to compete in a modernizing economy and internet ecosystem. Under current law, the Federal Trade Commission serves as the primary enforcer for internet privacy as prescribed by the FTC

Act. Taking into consideration the FTC's mandate to combat unfair and disruptive trade practices, deceptive trade practices against consumers, what privacy framework do you see as striking the right balance between protecting the rights of consumers and helping ensure regulatory certainty for small businesses?

Ms. Zheng. Thank you for that question, Congressman. I would note that in a number of laws as well as legislative proposals, lawmakers have contemplated an exception for small or medium-sized businesses. I assume that is something that this body will also contemplate. You know, as the Business Roundtable we do represent large American companies, but many of our companies do business with small companies as their clients or as their suppliers so we certainly care about the well-being of the small business community.

I think, you know, there are different types of thresholds you could look to in considering a possible small business exception including potentially the number of records held or the annual revenue. But I am not certain that the Business Roundtable is really the best organization to pontificate on what specifically that threshold ought to be.

Mr. O'Halleran. And probably the reason for my question is because I want to see that there is a protection for businesses across the entire spectrum, not just for those with

2826 | large business concerns.

Ms. O'Connor, in your testimony you state that existing privacy regimes rely too heavily on the concept of notice and consent which you state place an untenable burden on consumers. As we all know, consumers often overlook the extremely dense language -- here I am -- in user agreements and simply accept in order to use internet applications and services.

Under any new consumer privacy statute how could privacy notices be simplified for consumers whether they are technologically experts or novices to better and more meaningfully understand how their information is being stored, used, and, if applicable, shared after accepting privacy agreements? And I will say I believe the chairwoman was correct in her stack, it is probably a much bigger stack. And we have to design something that works for the American people. Please.

Ms. O'Connor. Thank you, sir. That is exactly right.

The number of hours and the number of words we would all have to read on a daily or weekly or monthly basis to stay up-to-date on the choices we are making online and off about how our data flows are staggering and overwhelming to any busy consumer. I think there should be things that are in bounds, again for the furtherance of the transaction, so the primary

2850 purpose of the deal.

There should be things that are simply out of bounds like taking biometrics for purposes that are far afield from the primary purpose of the transaction, and then you could limit notices to that middle ground of things that are less clear but that consumers might want that are related to the transactions that they have at hand or their relationship with the company. They definitely need to be shorter, clearer, and more to the point. But notice and choice alone do not get us where we need to go.

Mr. O'Halleran. Thank you, and I yield. Thank you, Madam Chair.

Ms. Schakowsky. Now I am happy to yield to my colleague from Illinois, Mr. Rush.

Mr. Rush. I certainly want to thank you, Madam Chair, and I want to thank all the witnesses who have appeared before this subcommittee today. I chaired this subcommittee back in 2007. I introduced a data bill back in 2007, and we are still here today discussing data and data security and a data bill. And I hope that under this current chairman that we are able to finally come up with a bipartisan bill and that will pass in Congress and then the President will sign. I certainly look forward to it and I have been pretty patient about it.

I reintroduced my data protection, data privacy bill,

H.R. 1282, that had one provision that dealt with this specter of data brokers. And I just wanted to know am I off-base, Ms. Collins? Am I off-base trying to rein in this specter of data brokers? How big is that problem and as it relates to protection of consumers' data?

Ms. Collins-Dexter. Yeah. I think that you are right to be concerned. I think there is like so much work we have to do. I think one of the things that I tried to articulate in my comments I think is super important is that 50 years ago as a country we made a sort of social, legislative, and legal contract that is that certain things would no longer be accepted in our society. Kids being turned away from Woolworth's counter was not acceptable. People hanging signs that said no Jews, dogs or blacks allowed were no longer acceptable. And we didn't throw our hands up at that time and say don't go to that restaurant, right. We took an ethical and moral stance.

And not just that, it was about knowing that if we could compete globally and thrive economically we had to ensure that we had more taxpaying members of our community, more people able to have opportunity and be economically mobile. And so part of what we are looking at with this like privacy legislation is basically looking at stopping Jim Crow online. It is around simply bringing, you know, looking at our online

activities and ensuring that there is -- that those same laws that we created 50 years ago to prevent discrimination apply to what we do online.

Mr. Rush. Thank you.

equality for all Americans.

Ms. O'Connor. Thank you, sir. And I think underpinning so many of the questions today is the issue of opaque or surreptitious surveillance or data collection. And that is the position again, and I just want to associate myself with Ms. Collins-Dexter because she is so right that these are issues of fairness, of transparency, of accountability, and of

Ms. O'Connor, what should we do to regulate data brokers?

Data brokers really came up because of the Fair Housing Act and the Equal Opportunity Act and the fundamentals of providing fair credit to all Americans. They served at that time a purpose. Right now the opaque and surreptitious behind-the-scenes data collection by third parties that Americans do not understand is fundamentally untenable going forward.

So, and I think the CEO of one of those companies is actually directly across the hall right now, so maybe we could go ask him some of these questions. But they do serve a purpose. And to the previous comments, we need to reform, we need transparency, and we need greater control and

2922 accountability over these third parties.

Mr. Rush. In your testimony you discuss how the CDT's draft legislation -- well, I quote you, "would direct the FTC to promulgate rules addressing unfair advertising practices, particularly those that result in unlawful discrimination in violation of civil rights law." Describe for this committee what should these rules look like?

Ms. O'Connor. There are good laws on the books as we all know about unfair discrimination and what that looks like in the offline world. However, intimate and immutable and realtime decisions can be made about us in the online world even prior to knowing who we are based on inferences, based on patterns of surfing and habits. We would simply want to make sure that each individual's world view is not prescribed and limited by judgments that are made about them by companies that they are not aware of. That a child in one part of the country is not seeing ads for educational opportunities or a grownup is not seeing credit opportunities that another person is being served based on judgments companies are making about them without their knowledge.

Mr. Rush. Thank you, Madam Chair. I yield back.

Ms. Schakowsky. Now it is my pleasure, last but not least, to call on Representative Kelly also from Illinois.

Ms. Kelly. Madam Chair, Illinois is holding it down for

you or with you. Thank you, Madam Chair, for holding this hearing today.

As we have heard, repeated news stories about breaches and data collection malpractice have shown that it is time for federal privacy legislation. As the founder of the Tech Accountability Caucus, I want to follow up on the discussion of use of limitations.

Ms. O'Connor, in your testimony you discuss two buckets of use limitations, the first of which you refer to as unfair data practices. The CDT draft legislation prohibits secondary uses of certain sensitive data like biometric information and health information. Can you clarify something for me? Other than the specific exceptions listed, is it your intention in the draft that these seven unfair categories are just not permitted?

Ms. O'Connor. That is correct, ma'am, that the secondary use of those categories of data would not be permitted. Each individual would have to enter into a separate contract or agreement for a separate service or a separate device.

Ms. Kelly. I know we talked about during this hearing about opting in and all of that, but a company cannot even seek opt-in consent for their uses; is that correct?

Ms. O'Connor. It would have to be an entirely separate transaction. That is right.

2970 Okay. How did you decide the types of data Ms. Kelly. 2971 that necessitated the extra protections? 2972 Ms. O'Connor. The Center for Democracy & Technology 2973 worked over the last several years and we have stood for and 2974 been in favor of omnibus federal privacy legislation for the 2975 entire 25 years of CDT's existence. But we have re-energized 2976 this debate internally and worked with academics across this country and really around the world, business partners, other 2977 2978 advocates in civil society and looked at the research and the 2979 consumer polling, the consumer research in this area, and that is where we ended up with the list that we created. 2980 2981 Ms. Kelly. Okay, thank you. And to the panel, are there 2982 certain types of data that shouldn't be collected or used at 2983 We can just run down from Ms. Collins-Dexter. 2984 Ms. Collins-Dexter. Yes, I think there is certain pieces 2985 of like personal identifying data, geolocation, things like 2986 that that I think should not be collected and kept in use. 2987 Ms. Kelly. Dr. Layton? Just your opinion, are they any 2988 types of data that shouldn't be used at all or collected? 2989 Thank you, Congresswoman, for that question. Ms. Zhenq. 2990 I think that the question deserves a little bit of nuance. What we are talking about here is, is there data that deserves 2991 2992 an opt-in consent standard and I think the answer to that is 2993 For example, a precise geolocation data, the likely yes.

2994 FTC's current guidance right now is you acquire opt-in consent 2995 for precise geolocation data.

What the Business Roundtable proposal recognizes is that there are sensitive categories of data that do absolutely deserve heightened protections and obligations including potentially opt-in consent.

Ms. Kelly. Thank you.

Mr. Grimaldi. Congresswoman, I would chime in by saying in order for the entire online ecosystem to work there has to be data to render a website to provide services, et cetera. And so in addition to some of the prohibited pieces that we have heard today that we all agree on, how do we expand that list to include other things in the marketplace that as my copanelists have mentioned are just getting such blowback or are just on their face too personal, too off limits to be used by our companies, by other companies, I think that is important. And we need to make sure that the value that consumers are getting from their online experience can still be reaped even as we expand that list and we would love to work with you on that.

Ms. Layton. Congresswoman, I just wanted to come back.

I didn't want to take a position on this because I know, I actually know of important health and academic studies that under today's circumstances in the GDPR the data could not be

collected. But data that had been collected in the past has been used today to make very important conclusions for health questions. So I only urge -- I just want to put a note of caution, I understand that we have these concerns. But we don't necessarily know in the future how the data may be available.

So I would tend to fall on the side of where we can identify that it is sensitive and have a higher standard, but not necessarily to outlaw it altogether. I am just concerned about the future because I have seen these studies that, you know, going forward we won't be able to do these important health outcome studies in the E.U.

Ms. Kelly. Okay, thank you. Anything else? I will yield back the balance of my time. Thank you.

Ms. Schakowsky. So, in closing, first let me request unanimous consent to enter the following documents into the record: 1) Public Citizen Framework from Privacy and Digital Rights for All; 2) a letter from the Americans for Prosperity; 3) a letter from Computer and Communications Industry Association; 4) a letter from the ACLU and 42 other civil rights organizations; 5) a letter from Main Street Association; 6) a letter from Consumer Technology Association; 7) NGEN consumer privacy comments; 8) letter from NGEN; 9) a letter from American Bankers Association; 10) the NRF letter;

11) NRF comments; 12) Electronic Transactions Association letter; 13) 21st Century Privacy Coalition letter; 14) ACA International letter; 15) Representative Eshoo's opening statement for the record. You can see the kind of broad spread interest.

I want to thank our ranking member, the staff that worked so hard on all of this, thank you, and especially our witnesses for your participation today in this very first hearing of the session dealing with this issue of data privacy which is clearly going to go forward. I encourage you to also keep in touch as we move forward. We welcome your input.

I remind members that pursuant to committee rules they have 10 business days to submit additional questions for the record to be answered by the witnesses who have appeared. I ask each witness to respond promptly to any such requests that you may receive.

Oh, there is more. Okay. So we will have a letter from the American Action Forum to put in the record; a letter from the Council for Citizens Against Government Waste; a letter from consumer tech -- oh, I see -- a letter from the Coalition for Secure Transparent Internet; a letter from R Street Institute; a letter from United Chamber of Commerce; a letter from Digital Liberty; a letter from the Internet Association; DOJ Cyber-Digital Task Force; a letter from Google.

3066	Is that it? There is more? Okay, a lot of interest.
3067	Okay. Still, I had the Public Citizen, I think. But Public
3068	Citizen framework from privacy and digital rights for all; the
3069	Electronic Transaction Association letter; the letter from the
3070	National Association of Mutual Insurance Companies; a letter
3071	from Information Technology and Innovation Foundation, and
3072	along with the others I ask unanimous consent to put these in
3073	the record. So ordered.
3074	[The information follows:]
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3077	Ms. Schakowsky. And now I think at this time the
3078	subcommittee is adjourned.
3079	[Whereupon, at 12:51 p.m., the subcommittee was
3080	adjourned.]