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## PROCEEDINGS

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MS. OHLHAUSEN: Good morning, everyone. I
think we will get started. I will just do the required
security announcement, but today remember to introduce
myself. You probably all know me. I am Maureen
Ohlhausen, Director of Policy Planning. And welcome to
the second day of the Federal Trade Commission: Into Our
Second Century: FTC at 100. We will start off our
roundtables this morning and go through until the end of
the day.

But before we start, I just wanted to give the security announcement, which is that if there is an incident, if something happens and we have to evacuate the building, we gather at the corner on this side of building. When you go out, you will turn right, across from Georgetown Law School, but on this side of the school.

I would also remind people if you are going to use cell phones, please do not use them right outside these doors because the sound carries. Use them through the double doors.

And if people leave for lunch, just remember if you are not an FTC employee, you need to leave time to go back through security.

1		So,	with	that,	Ι	think	we	will	begin	our	first
2	panel.										
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## 1 SESSION 1: CHARACTERISTICS OF A SUCCESSFUL

## 2 GOVERNMENT AGENCY

MS. OHLHAUSEN: Now, I am taking on my moderator hat here. So, the first panel today is Characteristics of a Successful Government Agency. Yesterday, we spent basically the whole day talking very specifically about the FTC, particular things that have worked well at the FTC, challenges we have faced over the years, ideas for changing or adapting so that we could do things better in the future.

But what this panel this morning is trying to do is take a little step back from the direct FTC focus to see if there are lessons from management of government agencies in general that we can learn from. Do all agencies face similar challenges? Have other agencies overcome them in ways that we should consider emulating?

And to help us with that, we have Jerry Ellig. He is the former Acting Director and Deputy Director of the Office of Policy Planning. Jerry and I used to work together. And he is also a Senior Research Fellow at Mercatus Center. And Jonathan Breul, who is a partner at IBM Global Business Services and also, as you will see from the bios, has a long history in government service. Also, my co-moderator, Greg Luib.

So, I think what we might do to start is just,

1 plans to remedy shortcomings.

One of the best examples of that I have seen is the Department of Veterans Affairs. They always rank very highly in our performance report score card for doing an informative performance report. And then we get letters from ticked off veterans saying "Your project must be a whitewash because you ranked the Department of Veterans Affairs so highly on performance." Well, we are not ranking them on performance, we are ranking them on the report.

In fact, if you look at their report last year, they will admit that they missed half of their goals and that they have a lot of major challenges identified by the Government Accountability Office and by their Inspector General, but they are very forthright about what they are trying to do to fix these things and when they expect to fix it. So, that is the good concrete example of an agency that does not treat reality as optional and takes a realistic look at where are they not doing well and how do they need to improve.

And, finally, the organization also has the people with the capabilities and, depending on its job, the other assets that it needs to actually accomplish the mission.

MS. OHLHAUSEN: Great. Thank you. Jonathan?

MR. BREUL: Well, let me just as a starter explain where I'm coming from because it will perhaps be helpful here. I spent many years in government, the last 22 of which were at the Office of Management and Budget dealing with management reform and particularly government-wide management reform the various administrations wanted to put in place. So, I have quite a bit of perspective on various agencies and what works and doesn't work across the government.

And I left government a number of years ago, five I guess it is now, and joined IBM in what is a little think-tank where two or three of us actually sponsor research with university experts, whether it's Michael Barzelay at the London School of Economics or Steve Kelman at Harvard and people out in Arizona who are doing on networks and partnerships, which we might talk about in a little bit, but trying to get the best ideas from the cutting edge thinkers on what works, what doesn't work and where things are heading.

And with that, we put out three dozen reports a year on matters dealing with management issues, run a radio show every week featuring government officials and letting them tell their story about, again, what works, what doesn't, how they have wrestled with public service careers. And we put out a magazine. We do a number of

things that basically support the question of management.

And, so, with that in background, let me give you five sort of conclusions or characteristics about what I'll call high-performing organizations, and even high-performing organizations don't all succeed, but they at least are working well and are at the top of their game.

The first characteristic and thing I think to keep in mind is that you're never done. Being a high-performance organization is not sort of one of those things that all of a sudden you get the gold star and you're there. Becoming one and remaining one is a constant struggle and a constant effort. You really can't ever think that you're there. And part of that is because the reform and restructuring or whatever the changes are that are necessary never fully solve the first problem and usually lead you on to another set of problems. In other words, lingering issues usually create the next set of problems you have to deal with.

And, so, the real question of these public management kind of issues of reform and change is that it's not so much about problem solving as it is continuing a constant balance of what the competing issues and demands are and being able to adjust those going forward. You're never ever going to get it quite

right and it's never ever going to be stable. And, in fact, you're going to constantly be dealing with issues at the margin. Do a little bit more of this, a little bit more of that. That constant adjustment is part of the lesson that you really have to keep in mind. You're never really done with this.

The second issue on high-performing organizations is that they are fundamentally different than other non-high performing, particularly government organizations. They've got a number of characteristics that Jerry began to suggest and I'll repeat a few, as well. The first is they don't operate primarily based on bureaucratic authority. In fact, they've replaced bureaucratic authority with very different tactics.

They use incentives, which you folks know all about. They have very much a customer focus. And they typically rely on what, in the management role, we call different sourcing arrangements. But they don't do everything themselves. Some things they may contract out. Some they may use partners. But they use various techniques and devices to get the work done. They don't view it all as an in-house bureaucratic exercise.

So, the real high-performing organizations defy a neat clean definition, but they operate very differently from the traditional bureaucratic command and

- control structure that's familiar with the government
- particularly in the past.

3

- 1 you. I think they tie in with Jerry's pretty nicely.
- 2 The first is: You need some clarity of purpos000r000 0y

do in that project is improve transparency and accountability in government agencies or, rather, help federal agencies improve their own transparency and accountability.

Kind of the flagship project of that has been our annual evaluation of performance and accountability reports where we essentially ask: To what extent do these reports present relevant information about agency performance in a transparent way that a reasonably intelligent and interested person who is not an insider could understand? So, it's very much an evaluation of the quality of reporting and communication rather than the quality of the agency's actual performance.

But there are some of the questions we ask and some of the things we look at in the reports where if you assume that the agencies are actually doing the things they say they're doing in the reports do shed light on some actual management practices, strategies and things that are maybe more relevant directly to what you are doing in this project here at the FTC.

And one cluster of things relates to
essentially having goals that are stated as outcomes and
that are measured. So that your goals are laid out as
the actual good things we are trying to achieve for the
public that legislators, members of the public and others

1	would kind of look at, nod their heads and say, yes,
2	those are good things that we want to see happen, and the
3	focus is on the goal rather than the means of the goal.
4	You can dispose of a way of doing things or a means if it
5	doesn't work, but the focus on the goal remains.
6	For example, one of the better reports this
7	year was produced by the Department of Health and Human
8	Services. I mention that because traditionally they had
9	not done very well. But they had a very outcome-oriented
10	statement of their mission in their latest strategic plan
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people and percent of people in the country with ongoing access to healthcare. The percentage of the population with immunization coverage. These are all things that are either health outcomes or closely related to health outcomes that fall right out of their mission.

Another cluster of things involves understanding how the actions of the agency contribute to the outcomes and knowing what it costs. So, it's not enough to measure an outcome and say, gee, that went better, we did a fantastic job. I hope that's not the approach you want to take or else \$4 a gallon gasoline is going to make the FTC look real bad. Of course, I know from reading Bill Kovacic's multitude of testimonies that 85 percent of the price of gasoline is determined by the price of crude oil. So, I am not going to blame the FTC for the fact gasoline prices are high.

But what you want to be able to do, whether it's gasoline, groceries or the broader consumer protection issues, you want to be able to -- ideally, you will have had some good program evaluations that give you an idea of how has the Federal Trade Commission's activity contributed to the observed change in the outcome? Kind of a controlled experiment rather than just looking at a trend.

And then some of the best agencies, in terms of

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1	measurable just by sheer output numbers? Both or whoever
2	wants to answer.
3	MR. BREUL: Well, let me take a crack at it.
4	The whole business of measuring performance and results
5	is inherently difficult in the public sector. If it was
6	easy, someone else would have been doing it. That's why
7	it's a public sector responsibility. It's usually
8	

manage, or they have for a while, particularly under Colin Powell, the State Department was spectacular, and probably had some of the clearest goals and they fell apart this year in your report. But they've done, in the past, a spectacular job of coming to an understanding and clarity of what they're about, what's important and what to measure.

Without getting carried away with the geekiness of it all, Maureen used a couple terms in what you described. And I think, at some point, a little precision there is helpful. Yes, indeed, a focus on outputs, and if it's cases and so forth are easy enough to measure. People feel comfortable with those. The budget weanies will love to be able to attach those to a budget number. And the budget often does sort of associate outputs to dollars. Frankly, that's okay because there is a relationship there and that works.

The more important thing, in fact, if you look at the title of the Government Performance and Results Act, there are actually two terms at the ends there, there's performance and there's results. And that was deliberate because performance was aimed at those output kind of things, those kinds of matters that are in front of you that you can control, that you can count more readily. But, frankly, at some point, those don't tell

the whole story.

The idea of results at the end of the term in the Government Performance Results Act was aimed at at least one other, if not two other, kinds of measures. The first and primary and most important one in GPRA is outcomes. What's the larger outcome that you're trying to achieve? And putting some focus and clarity on that is terribly important, and I would argue is the most important. Because what you want to do is line up your outputs to contribute to those outcomes.

And having a logic and a theory about that is terribly important to understanding what you're doing. And you may, again, on a daily basis, focus more on the outputs because that's what's in front of you. But you want to make sure they are leading to the outcomes that are important, that are most meaningful.

And, finally, in the measurement business, the whole business of impact is most important, what would have happened in the absence of your intervention and in the absence of your activity? And that's an even more difficult matter to measure. And, again, when I stressed earlier the need to have a high-performing organization be clear and then evaluate what the changes are, you've got to start thinking in those terms. What is the impact of what you're doing? What would have happened in the

1	remember the Department of Transportation one year laid
2	out some measures where they measured the quality of
3	pavement in the highways, conditions of the highways.
4	And they said, we realize this is not an outcome, it's an
5	output, basically. And the reason we do this is because
6	if you look at these studies over here, it has been
7	pretty well statistically demonstrated that if the roads
8	are in this condition, that translates into these kind of
9	effects on accidents, fatalities, injuries, which are the
10	safety outcomes that we're really interested in.

know their enforcement division seems to want to measure the enforcement function separate from everything else, so that way they are only measuring stuff they control. I think that's common in other agencies where there's a separate enforcement division, as well.

But, in any case, DOT could measure that kind of stuff. But they went further and said, okay, we do inspections on these motor carriers. They went out and did a program evaluation where they looked, before and after, to figure out when you do a safety inspection of a motor carrier, does its safety record actually improve or not? And they found that, in fact, when they looked at all the ones that they had done the inspections on, they found that there was indeed an improvement in the safety records of motor carriers as a result of the inspections they did.

So, basically, they were able to go beyond just measuring their output, the amount of inspection activity, to the actual outcome, which is, well, gee, how much did we improve safety as a result of the year's activity? How much better did something in the world get because of what we did, is the critical thing.

And the only other thing I'll mention in ten seconds is I think the evaluation that the Office of Policy Planning did on competition advocacy is a good

example of that where you didn't just say, well, here's
how many comments we submitted, but rather you went back
to the decision makers the comments went to to try to
figure out what changed as a result of what we did.

That's looking at outcomes.

MR. BREUL: Let me go back to DOT one more time. DOT is a fine example and actually one that everybody can sort of understand. As Jerry suggested, safety is one of their three or four major strategic goals. And that means fewer fatalities or injuries whether you're boating, in the air, on the rails or on the highways. And if you look at the highway program and what it does, it issues grants. The output there is more grants and public service announcements and this and that.

They do not control driver's licenses, they don't control your alcohol consumption, and they do not control the speed on the highway. Three probably pretty important factors in injuries and fatalities. They control none of that. But their goal is to reduce fatalities and injuries. The SES are held to some goals in those programs and the programs are all oriented to do that, even though they have no control or direct connection to the critical factors involved.

And, so, figuring out what the outputs ought to

be that could have an influence on those outcomes and contribute positively to a reduction in injuries and fatalities is what they struggle with. And, in a sense, it's the same kind of problem you've got here.

These kind of sort of measurement outcome questions are common throughout the government. And they're not easy. There's not a quick fix. There's no magical solution here. But don't ignore those kind of questions because, again, without that focus on outcomes, you're likely to be spending your time on a lot of activity that may or may not be critical to achieving the real purpose and the real objective of the Commission.

MR. LUIB: Turning to the issue of clarity of mission, as most of us here know, the FTC's organic statute is very broad or flexible depending on how you'd like to characterize it, prohibiting unfair deceptive acts or practices, unfair methods of competition. At yesterday's discussion, we had former Bureau of Consumer Protection Director Jodie Bernstein embracing that flexibility that the statute provides while former Chairman Tim Muris was cautioning that that broad statute can sometimes lead the agency to stray from being a referee, a process-oriented agency at its core.

Are there other agencies with similarly broad statutes? Are there lessons to be learned from other

agencies in that regard?

MR. BREUL: Let me offer you a suggestion there because I think there are a number. And what I would suggest, believe it or not, is the Department of Defense. The Department of Defense has a pretty broad and sweeping responsibility. The notion of national security is not exactly something you put in a tight little box.

National security threats and the question of whether it's one war, two wars, in the Pacific, the Mideast, in outer space, wherever, the nature of those threats is pretty broad.

In this world, with terrorism, with tsunamis, you can even argue that financial problems, that financial collapse is a national security problem at some point. So, there is a very broad, very broad set of responsibilities there. And some of what are regarded as the high-performing organizations in DoD, one of them is Special Forces. And the whole idea of Special Forces was not to be so expert in doing this, that or another thing, not to have a very narrow doctrine, a narrow set of outcomes, but rather to have a set of capabilities. And, in fact, they think about their outcomes and their mission in terms of capabilities that can then be deployed by the President in the face of a national security problem.

And those capabilities, in their case, have to do with jointness in terms of mission, mobility and certain other kind of weapons and force measures that let them be ready for a lot of different circumstances and can let them move based on what emerges as a national security threat. And it seems to me there may be some lessons in that for you because, indeed, part of your role is to respond to market conditions, market failures and maybe some of you are way ahead of the game and saw subprime mortgages five years ago. But what the problem is each day sometimes catches at least some of the government by surprise.

And being able to shift, being able to move and being able to adjust to market changes and what's next, I think, is an enormous capability you've got to deal with. And I think one of the big threats going forward to all departments and agencies is what we've called the need to expect surprises. Stuff happens. Earthquake in L.A. yesterday, you could have another Katrina, you could have a market challenge of some sort.

The notion that we're dealing with a stable and predictable set of conditions is probably not realistic.

And, so, you've got to have that ability to have capabilities and the agility to move around that may be a little uncomfortable, but gives you the ability to

1	respond as the market and other conditions change.
2	MR. ELLIG: I'm an economist, so I'm going to
3	give you an on the one hand, on the other hand. On the
4	one hand, I think the FTC's organic statute is more
5	focused than the mandates that some federal agencies
б	have, where at least there's clearly a focus on the
7	consumer which in some cases is specific enough to guide

define the consumer protection mission if some folks feel that that could be defined too broadly.

In practice from what I saw, I'm not sure that the FTC today is defining the consumer protection mission too broadly.

MS. OHLHAUSEN: Jonathan, I wanted to go back to one of the points that you raised about how political reality drives performance. You said high-performing agencies sustain attention where it has political value. Two threads in that that I wanted you to expand on a little bit. First, when you say political reality, do you mean simply relations with Congress or do you mean sort of the public in general and sort of the overall perception of the agency? And then, secondly, how do they sustain attention on those kinds of topics?

MR. BREUL: I mean it broadly. It's the Congress, it's the White House, it's the public. Because there is a sentiment there that's often a pretty good indicator of where some problems are. And organizations that are deaf to those are going to find themselves sort of left out of the action or, even worse, in trouble when Congress or the White House decides that they're part of the problem and not really part of the solution.

The way you do that, obviously, is -- to me, the most important piece of it is often leadership. It's

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1 before.

And the example I gave quickly before was Special Forces with a fellow named General Downing. lot isn't known and a lot can't be told about what goes on in Special Forces, but from all I can gather and tell, that they really had a very different view of things. And that was connected, again, to the National Security Council, the President, the Secretary of Defense and a larger set of political players that gave them a direction and a sense of purpose. 

And, again, when I use politics there, it's not politics in necessarily the Republican-Democratic sense, but it's what's really in play and what's important. And that has to, at some point, for public programs be part of the picture.

MS. OHLHAUSEN: Jerry, I don't know if you had anything to add on that.

MR. ELLIG: Just politicians will often want all kinds of things from an agency that may be kind of a distraction from the principal mission. And it's important to demonstrate and to explain to them how performance of the core mission is probably 99 times out of 100 anyway, good politics. I think James Lee Witt demonstrated that with FEMA, that when the Federal Government can very effectively coordinate disaster

five years outdated. So, I'm going to take the cowardly way out and point out the obvious challenge, which is whenever you have a change of administrations and new folks coming in at the top, whether it's a change in party and control of the White House or not, it's the whole challenge of how do you keep the good things going and also be responsive to the priorities of the new leadership and not just have a year of interregnum where not much happens.

MR. BREUL: Let me just jump in there because there's some common problems around the government that I would suspect you share in some degree, and maybe those just ought to help you out a little because I think they bear attention anyway. And if you've got these under control, great. But if you don't, watch out.

The first would be the competence factor. And some describe it around the government simply as the workforce, the FTE factor. We don't have enough people or we've got the baby boomer retirements and all that. I think it's a broader question of the competence. You've really got to have the people and the capabilities, with the right skills and the right experience in the right place here to get on with those outcomes. And that's a huge challenge that is affected by, in many cases, limited FTE or limited dollars. It is affected by the

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1	discussion. And, so, there's some actual homework and
2	research done before decisions get made. That's a
3	crucial input into the good decision-making that you all
4	should make sure that you keep as you move forward into
5	the next century.
б	MS. OHLHAUSEN: In our remaining couple
7	minutes, I just wanted to see if anybody from the
8	audience had any questions for our panelists.

tank, try to open the aperture at this point and see what
else is going on and look around and see what others
might think.

I mean, you've obviously got to be the filter and judgment on that, but I think the biggest risk is thinking that you do have the answers or that what you've done in the past is necessarily going to work going forward. It may well. But, again, I think you've got to challenge that and be ready for some change and some new challenges and new thinking. And, again, opening the aperture is the way to think about that and see what you come up with.

MR. ELLIG: It's funny because my knee-jerk response was it's very easy for an exercise like this -- and I've seen this outside government as well as in government, so I'm not saying it's a government thing. But it's very easy for an exercise like this to become an exercise in justifying the current activities we're engaged in rather than actually figuring out what ought we be accomplishing and how ought we be accomplishing that.

MS. OHLHAUSEN: Well, I hope you all will join me in thanking our panelists for their very good observations.

# (Applause.)

1	MS. OHLHAUSEN: We are just slightly off	
2	schedule. So, what I would suggest is that we take	a
3	10-minute break and reconvene at 10:20 for the	
4	Effectiveness of the FTC's Competition Mission Panel	L.
5	Thanks.	
6	(Session 1 concluded.)	
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## SESSION 2: EFFECTIVENESS OF THE FTC'S

#### 2 COMPETITION MISSION

MR. HEIMERT: Good morning, and welcome to today's second panel, which is titled the Effectiveness of the FTC's Competition Mission. My name is Andrew Heimert. I'm an attorney in the Office of Policy and Coordination within the Bureau of Competition. For those of you less familiar with the FTC, yes, there are a lot of policy offices, I'm in one of them.

Yesterday and earlier this morning, panels took a look at the Commission's efforts from a variety of broad perspectives and how we could go about evaluating the Commission's work. With this panel, and the two to follow this afternoon, we are going to dig a little bit deeper into specific aspects of the Commission's mission. This one, in particular, will focus on the competition mission.

There are three principal topics we're hoping to cover on this panel this morning. The first is how can we measure the benefits of the various competition activities the Commission undertakes? For example, what are the benefits of enforcement action? Does the issuance of guidelines offer benefits to the public? Are workshops, like this one and many others we have held this year and the past, of benefit to consumers, even if

still take a couple of minutes to lavish some praise on them for their accomplishments, all of them having many, and more are fully laid out in the bios list in your packets that were distributed.

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I'll start first with Jan McDavid. Jan is a partner at Hogan and Hartson where her practice focuses on antitrust, competition and trade regulation, with a particular emphasis on government investigations litigation and antitrust policy issues. She is a former chair of the American Bar Association Antitrust Section and she has handled numerous high profile mergers before the FTC and DOJ, but we'

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Counsel at the Federal Trade Commission from 1995 to 1997 and has taught at other universities, including those of Michigan, Pennsylvania and Utrecht in the Netherlands.

Steve is also serving his third three-year term on the Council of the American Bar Association Section of Antitrust Law.

So, with that, I'd like to begin the discussion. The FTC engages in several different types of competition-related activities which perhaps can be grouped into four categories. First, enforcement; second, issuance of guidelines; third, competition advocacy such as presentations to Congress, foreign officials, state governments and other regulators as well as consumers at large in an effort to reduce obstacles to the benefits of a free market; fourth, competition research and development, competition R&D, which can consist of such things as internal studies to understand competitive dynamics, workshops and conferences like this one and others where the Commission learns from the members of the public.

So, I'd like to ask the panel the same questions regarding each of these types of activities. First, how can we measure the benefits of each of those activities? Second, if one were to try, how might one measure the magnitude of the benefits of the activity?

I'll go activity by activity and have each of you take the lead on one of them and then everyone can follow-up.

So, I'll call on Jan to discuss the primary benefits of enforcement actions. Is there a way to measure the magnitude of these benefits? What are the direct consumer benefits from bringing cases and blocking anticompetitive mergers or stopping anticompetitive conduct? Is it deterrence of other activities? Is it of other similar activities by other companies and competitors? Is it the development and clarification of legal doctrine? Each of those, I think, are possible benefits. Is one larger than another? Is there a way to say?

MS. McDAVID: Well, thanks. I think it's hard to quantify these in numerical terms. But speaking as a counselor who tries to tell clients where the lines are and what conduct is and is not appropriate, I think that quite apart from, and let's park the notion of the impact on a particular case, which can be very significant in some cases. From my perspective, the notion of demonstrating to the bar and the business community that the cop is really on the beat is a really important part of the agency's enforcement mission.

And the other is the clarification of doctrine, of which we've had just an illustration within the last

1	24	hours.
		TIOUT D.

2	Let me go back to the first one to begin with.
3	Most antitrust enforcement in this country, and I think
4	around the world, actually doesn't happen in a building
5	like this. It happens in my clients' boardrooms, in the
6	conference rooms in our law firms, where we tell the
7	clients the risks that attach to the conduct that they
8	are proposing, whether they are or are not close to line,
9	

1	typical class is very small, there's lots of intimate
2	contact between students and faculty and how do you know?
3	And all these things are so incredibly hard.
4	So, I wanted to find the answer. And I went to
5	the Federal Trade Commission Performance and
6	Accountability Report Fiscal Year 2007 because you guys
7	quantify all that sort of stuff. And we got numbers here
8	on exactly how much consumers have benefitted. I can
9	tell you that back in Fiscal 2007, merger enforcement
10	saved \$805 million which was \$305 million more than the
11	goal. And that if you go to another measure, you find
12	that in terms of a key measure of a success rate, you'll
13	find that the success rate here, achieving positive
14	outcomes was the goal is 90 percent and the answer is
15	there was 100 percent achieving positive outcomes for
16	that particular measure. A positive outcome was either
17	getting a consent order or voting out a complaint or
18	closing the matter.
19	(Laughter.)
20	MR. HEIMERT: And that kind of would lead to

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1	MR. HEIMERT: Within that fiscal year.
2	MR. CALKINS: It's so hard. I mean, I applaud
3	and I think counting is terribly important. And I guess
4	I just want to emphasize the one little part of this
5	that's not in here. When you went through the numbers of
6	cases that were the dollars it was focused in on the
7	cases that were brought and how much was saved in this
8	particular case and how much consumers benefitted and all
9	that.
10	And in that connection, I wanted to I don't
11	know, I guess I'm being webcast so I have to talk in
12	front of a microphone. I wanted some objective way of
13	knowing what is it that the antitrust agencies do that is
14	recognized by an objective impartial source as important
15	and, in particular, an objective impartial source that I
16	had with me on the airplane this morning. And, happily,
17	I had a very objective and impartial source that the
18	Chairman can't object to, namely, his and my coauthored
19	antitrust nutshell.
20	MR. HEYER: Copies on sale in the lobby.
21	MR. CALKINS: New edition overdue a little bit.
22	MS. McDAVID: Do you carry it with you
23	everywhere you go?
24	MR. CALKINS: When in doubt, it's always good
25	for all antitrust people to carry it.

## (Laughter.)

MR. CALKINS: So, I did extensive research. I went to the index of this book and checked it out and I looked up what this book actually cites. And to do that, let's see what we found. Here we go. We close that out and, bingo, then you open it up and then you try to go and F5. Bingo, you go to the nutshell index of what's really important. And there's very little in the way, I regret to say, Maureen, of studies and reports that get a whole lot of attention in something as simplistic as this. Instead what you see are cases.

And, indeed, then if you do a simple mindless count of the number of pages in the index on which cases appear, which is a rough and ready guess as to sort of a little bit of what do you see a lot when you're reading what we all know as antitrust law, what do you find? And that was my count. You find that the big winner was the Microsoft case. This is, of course, biased in favor of stuff that was current and that Bill and I liked at the time we were working on this thing.

## (Laughter.)

MR. CALKINS: And you also see I can't type very well on an airplane and so I have typos and things. But that's sort of antitrust law as we know it. And in terms of what is antitrust law, this is what antitrust

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not equal facts. And I guess I think that with respect to -- the questions you're posing here on the enforcement, in my experience it's kind of a red herring. Neither in my time at the Department of Justice nor in my time at the Federal Trade Commission did I ever see a bureau director or a division chief say, I think we have a violation of the antitrust laws here, but I'm not going to bring the case. 

Whether that's right or wrong, I do not believe that people who have the antitrust laws have the option to say, here's a case that's too small, it's beneath me. So, today, that just doesn't seem to me to be a realistic issue. It would, as Ken would say right away, shift us over into the question of how many resources do you put in there, because how many cases you see is partly a function of how many resources you have there.

I also don't know what to make of Stephen's chart. I noticed that some of the big ones were Standard Stations, which is, at best, a very lousy opinion that no one follows anymore. Cal Dental, which I hope didn't survive Three Tenors. And I hope nobody is giving information on the basis of that except that, yes, if it's doctors, they won't indict them even though they should treat doctor price-fixing just like they treat cement truck price-fixing.

1	So, I must say I think these are absolutely
2	crucial questions. But unless Ken's got an answer coming
3	from the empirical economic side to it, on this
4	particular topic, some of the others I could see open on
5	the enforcement issue, I just don't see how the agency
6	has the choice to say, yes, we have all these merger
7	guidelines, yes, we've issued this second request, yes,
8	this is way over the line, but we're not going to bring
9	the case.
10	MR. HEIMERT: Ken?
11	MR. KRATTENMAKER: Oh, footnote, one reason you
12	don't say that is because you can get cases like Three
13	Tenors that can, in fact, have a large, as Jan suggested,
14	a large impact in shaping the doctrine out there that is
15	then being used widely outside the Commission.
16	MR. HEIMERT: Ken?
17	MR. HEYER: Well, let me first make a couple of
18	more general points rather than trying to pick at each of
19	the questions you're going to ask and each of the issues
20	one by one. Oh, first, I should say I'm not speaking for
21	the Department of Justice. I am speaking for the Federal
22	Trade Commission.
23	(Laughter.)
24	MR. HEYER: I'm actually never speaking for the

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Department of Justice, which gives me a little more

25

training in law schools, that we hope to get us good outcomes. So, the back and forth between people with different views; the idea of hashing things out in a courtroom occasionally, rather than just talking internally about what we think the right answer should be; engaging in competition advocacy and other forms of public debate, I think is an important way of having maybe two sides, or more than two sides in some cases, wrestle with some of these difficult issues, whether they're policy issues or whether they're case-specific issues. And through that process, repeated over time, hopefully, moving towards more efficient outcomes.

That doesn't literally answer questions like how many resources should be given to the Federal Trade Commission? But it's a start as far as I think how to improve outcomes. And I would add to that the transparency that comes from things like some of the very informative closing statements that the Federal Trade Commission pioneered a while back, the cruise lines one I thought was very good because it not only informed people, and maybe it gave further guidance to people like Jan and her clients, but it also allowed people to debate things publicly, and that is something that helps lead you towards a better answer.

And I think, for example, the Europeans with

To me, there are two reasons for it. One, it's
like applying antitrust concepts to antitrust law.

You're filling in the gap. You're looking at the market
failure. Where isn't the market working? It's not
working in areas where we've supplanted competition for
reasons that don't give us some sort of strong
countervailing justification.

And I also think there are potentially large pay-offs out there. Because of my background in the telecommunications area, I immediately think of things. Suppose the agencies had told the Federal Communications Commission just what it was doing through its spectrum allocation policies and limited the world to three and only three networks for three decades? Or when they first announced that wireless telephony was a natural duopoly? Or when local cities were handing out monopoly cable franchises? The data are in on all three of those areas, and millions and millions of dollars in monopoly profits were flowing to the beneficiaries of that government action right out of consumers' pockets.

What if this Commission had talked about the impact of the steel import quotas back in the '70s? What if it went out and talked to local authorities about just what our silly system of picking up trash is doing both economically and environmentally? So, I think there are

Lest I be accused of just saying, well, it's a great idea, but how are we going to measure the benefit, I will throw in one way of -- what the Commission already does, which is very good, could be improved, is if there were more extensive and more overt collaboration between lawyers and economists. I would like to see in the competition advocacy work more extensive and rigorous economic work being done right alongside the legal.

MR. HEIMERT: Jan?

Ms. McDAVID: I agree with what Tom had to say because the effect of competency advocacy can be across an entire sector, whereas even a case like Staples which helped develop the law in unilateral effects -- I mean, the impact of Staples isn't that we pay less for paper clips, but the doctrine of unilateral effects analysis was advanced. Here you can have an impact across an entire sector. And the work that was done in recent

respond also, but let me throw into the mix a follow-up question. It came up yesterday. One of the things that the Consumer Protection Bureau does a lot of is what we call consumer education. If you're a consumer, I think the example is how not to get ripped off by a contractor, take these ten steps. The Bureau of Competition, I don't think, does that to nearly the same degree. A lot of the time, we're talking to people like each other who know the benefits of competition, we understand it. But I'm not sure the average consumer necessarily does.

We see that obviously gas prices, there's a solid group of people who believe gas prices are high not because the price of crude oil is high as a result of greater demand, but because oil companies collude at every part of the distribution system and that raises prices. And Congress seemingly feeds on that and asks the FTC to determine why there's not enough competition in gasoline. That's just the most prominent example.

The Whole Foods merger was laughed at by some. A grocery store is a grocery store. Other people said, well, it's organic. I understand the debate. But, certainly, the consumer on the street, if you will, perhaps didn't understand what the problem was with that merger.

Can the FTC, should the FTC engage in sort of

1 local cable monopolies from being created and things.

2 And, yet, he didn't say that the FTC had succeeded in

3 preventing that. He didn't even go on and say the FTC

4 was out there leading the charge against steel import

5 limits and leading the charge against local monopolies.

And, so, you sort of sit down and you say, well, okay, given that we all like competition, given that we all know that there's lots of ways that governments can harm consumers and harm competition, you then need to do, if you really wanted to do this in terms of the difficult metrics stuff that Bill is talking about, you then need to figure out, okay, to what extent is the FTC actually making a difference that benefits consumer and then compare the use of those resources to alternative uses. And, obviously, it's so hard to quantify this. That's why it's easy to point to the simplicity of just counting up to six advocacy filings. If you're short one, go throw in another. You're opposed to lawyers agreeing on fees and you've made your quota and things.

And, yet, it's such a hard question. How do you tell whether the agency's actually made a difference? If it testifies on the side of the angels in favor of letting people import wine from out of state, which is a cause I dearly believe in, how do you end up proving that

1 it made a difference?

When we see all sorts of anticompetition, government regulation and the FTC is sitting on the sidelines, is that because it is prudently holding its fire? Is that because its prudently going to things that are more likely to be places where it could make a difference or is that because it is shying away from the big, challenging, controversial issues? Very, very hard questions.

And I wish I had the answer, but I guess I think that it's important to be asking those questions and to try to, really, in a searching way, figure out whether or not competition advocacy, which seems like a good idea, does it make a difference, when does it make a difference and what kind of cases does it make a difference?

Jan talked about real estate but immediately cited a lawsuit which we know makes a difference. My guess is that that actually is an example of the whole process working well because the agencies are litigating and doing advocacy and doing R&D and using a whole panoply of their resources, which I tend to think is when things work best. But I can't say I've studied carefully. My guess is that that linking together is what really works.

In terms of your suggestion about should the FTC be out there telling consumers that competition's a good thing? I must say if it's hard to measure success when we're talking about influencing government behavior, the chance that we could really measure success on whether communicating with consumers about competition being a good thing, I have my doubts about it. And given all the other needs, I wonder whether there aren't better resources.

But I'm willing to sit back and look at what the FTC would do and judge it on the merits. And I've never done that. So, I don't think I'm in a position to really have an informed opinion on that one.

the reasons why regulations and laws that are harmful or anticompetitive in some way manage to flourish, there are many reasons, but one is because the costs associated with them are not obvious to people who don't spend their lives studying them.

A lot of times it's a very complicated thing and it gets through in some bill or some regulatory thing. Most consumers don't read the Federal Register every day. And one value to folks in the competition agencies or anywhere for publishing things and doing studies that don't have to be very high tech is to illustrate the costs associated with certain types of policies. And, at that point, you have to leave things up to democracy to decide. But at least you're clarifying and highlighting what the costs of certain things are. And then if people say, we want to keep out steel because there's \$200,000 of costs for every job that's saved in Ohio, then that's up to them. But at least it's made clear.

Another value -- and this is something I think is very important and underappreciated -- but at the agencies, we have a lot of very good people and they like doing this kind of work, some of them. It's very helpful in terms of recruiting and retaining human capital, which is, as someone had mentioned, the most important thing

1	spots for when and where you think you'll be most
2	effective, try to allocate your resources there.
3	And, perhaps, one way is to stay a little bit
4	closer to the competition area. Even though I like the
5	idea of sometimes straying outside and writing or talking
6	about things that are not antitrust specific, I think the
7	more we focus on what's our natural comparative
8	advantage, the more authority we speak with and,
9	therefore, the bigger bang for the buck.
LO	MS. McDAVID: Let me just put in a brief pitch
L1	for the international mission on competition advocacy.
L2	It's on the list as one of the things you mentioned. If
L3	you go back sometime, the agency's devoted some
L4	resources, some of it funded by o0000e agency's 0000 0.00000 0.00000

This has been an extremely worthwhile effort that has had effects around the globe. We now have 100 countries around the world with antitrust statutes and antitrust enforcement agencies. And they're out protecting competition in each of their countries. And the efforts in the ICN, modest though they may have been in terms of dollars spent by the agencies, I think have been extraordinary.

And the U.S. agencies have had the extremely good judgment to let other governments lead the ICN in its principal roles because they understand that it's important that other governments be perceived to have an important voice in this mission. So, that was money well spent. It wasn't a lot of money, but it was well spent and it was over probably a 20-year time period.

MR. HEIMERT: Let me turn to guidelines and the issuance of guidelines. And, Ken, I'll direct the question to you, but, again, everyone can weigh in. Is there a benefit to issuing guidelines? Should we do it more? Should we do it less? Should we update them, revise them? How can we measure what benefits they bring, again, to the public, to competition generally?

MR. HEYER: Well, I think they are most valuable when there is a strong consensus behind something. I think there's a stronger consensus behind

horizontal merger policy, for example, and I think the guidelines there have been of value, although I'll qualify that in a second.

To my mind, issuing guidelines on things like vertical mergers and issuing guidelines on things like Section 2, which none of us fully understand anyway, have only limited value. I think an understanding of those things needs to sort itself out better through academic work and through research that folks do internally and through proceedings in courts before we even think of issuing guidelines there.

The one negative -- it's not a negative so much, it's a qualification. The guidelines that are out there, the horizontal merger guidelines, the international licensing guidelines, a number of things, often receive tremendous praise, and they are the product of a good deal of fine work by talented people.

I'm not someone who advises clients. And, so, I'll defer to Jan a bit on how valuable they are. But a lot of times the fights that I see taking place in the merger area, for example, the guidelines have these numbers, which most people don't pay a lot of attention to now anyway, but let's say we did arrive at certain numbers that people thought were reasonable. Let's say we had 2,000 or 3,000 or whatever as a realistic number

for typical mergers that we might be very concerned about.

I think the biggest fight that takes place in the merger area has to do with what the market is, not what concentration is. Because we'll say, well, the Herfindahl was over 2,000 or over 3,000 or over 4,000 and, therefore, there should be a presumption of harm. The big fight that takes place isn't usually over whether that's reasonable, although the other side would never stipulate anyway. The big fight is over whether the Herfindahl is really 600 or 800 as opposed to 3,000 or 4,000 because they're arguing all this other stuff is in the market. And that is when you have to get into all nitty-gritty difficult case-specific analysis that you can't put in the guidelines.

So, I think it can be overstated how much guidance these things really give. Although in certain clear cases, they obviously help.

MS. McDAVID: The framework that was established by the merger guidelines is applied almost universally today. And the framework, whatever the failings in particular provisions, such as the fact that everyone knows the HHIs don't reflect enforcement policy and that different kinds of efficiencies get credited and there's no discussion of potential competition and that

1	vertical mergers are basically not treated, those sorts
2	of failings don't really undercut the value of the
3	fundamental structure for thinking about how one analyzes
4	a merger. That's been the value, I think, in the merger
5	guidelines.

And when they were issued -- there certainly is broad consensus today, but Bill Baxter's first guidelines were regarded as a little revolutionary when first brought out. Consensus evolved pretty quickly as people understood how they worked. But at the time they were done, they were on the edge.

MR. HEIMERT: Steve, care to comment? And let me throw in a couple of additional questions to the mix.

MR. CALKINS: I did such a good job with your extra question the last time?

MR. HEIMERT: Just trying to get things out on the table. The commentaries we had for the merger guidelines, the horizontal merger guidelines commentaries and the data that were released, does that add value to the guidelines? And then a different, but I think related, area is advisory opinions. Is that something that the Commission provides value in issuing? Should it do more of it? Again, you have to have someone come in and ask for an advisory opinion. But feel free also just

those to the mix and then we'll go around.

MR. CALKINS: All right, very quickly. I agree with everything that Ken said. One of the things that made the mergers guidelines work and a good thing was that they were real, they were used. They were not an academic exercise. They were not a sales pitch that was just thrown out there for the purpose of selling. They stand in sharp contrast, for instance, to one of the vertical restraint guidelines that the Department of Justice issued at a time when it was all a piece of a sales pitch to the courts because the Department of Justice wasn't bringing any vertical cases at all.

And, so, setting out a document saying this is how we identify the cases to bring was a little bit of a fraud. And it made it into less of an important process developing the document, it made it much less credible, it made it much less real.

The merger guidelines were something that Bill could at least say was how things were being done and people believed that and everybody knew that they would matter and they did matter and you needed to know them and think about them and the agency needed to care about them because they would be used against the agency in courts and cases the agency would bring. And, so, there was a lot of integrity to the process and they became

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Last, and I'll be very quick. In terms of mergers, I think the thing that really made a massive difference were the reports showing the mergers that were actually challenged. And that became part of an essential piece of understanding about government enforcement of mergers. You could no longer, as a responsible person, look only at the merger guidelines. You had to pull out your nifty little report that told you what cases actually get challenged. And that greatly enriched our understanding of what the agencies are actually doing and then greatly enriched the discussion about what the agencies ought to do. And, so, that stands as one of the great, great accomplishments of the agencies.

MS. McDAVID: And those merger data are incredibly useful in walking a business person through the likelihood that their particular merger will or will not be challenged. Because you say to them, okay, if your customers are unhappy about this, your chance of getting challenged goes up dramatically, look at these data. It's a way of focusing their attention in a way that almost nothing else we had has.

Let me throw out one other thing that I think this agency has done extremely well and I would encourage it to do more of, and that's retrospective. How well

I assume there are benefits to all of these activities, but perhaps each of you could offer up some rough impressionistic sense of the size or magnitude of those benefits. Ken?

MR. HEYER: Let me start. Because I've been thinking a lot about retrospectives for a little while now. I used to be in the camp that thought they were fantastic and wonderful and it would be great to do more of them. In fact, I used to joke that every time a new deputy came into the Antitrust Division, one of the first things he would say is, you know, I've been thinking, maybe we should try to do more retrospectives. Every single one of them would say it as if it was like a brand new idea.

Well, first of all, let's put aside the fact they're hard to do, and they are hard to do, both in terms of getting the data and controlling for intervening events. I've become more worried over time with what one can actually draw from doing some of them.

Let's say you do a few of them extremely well. Exactly how much is that going to inform future policy?

Is it going to tell you whether in general a four-to-three merger is a good thing or a bad thing if you found that in three out of five cases with very fact-specific circumstances, the agency got it sort of right or sort of

wrong with some standard error based on inability to do
the study perfectly anyway? I'm not quite so sure. It
might help people point fingers about whether you got
that one right or wrong, but I'm not certain how well it
informs policy, broad policy going forward. Not that I
have a simple answer for how to inform broad policy going
forward, but I think individual studies can be
overstated.

I will say that I do like the idea of studying certainly more than the Antitrust Division has. And perhaps for the other agencies, the FTC and the Europeans, they have done some work trying to look at the effectiveness of remedies. I think that's extremely important because it bears greatly on when and whether one should litigate versus taking effects of some sort.

I think that all else equal, it's best not to be in court because it sort of has the same kind of flavor as wars, which are inefficient. You might as well just cut a deal ahead of time. Why engage in all these costs? But I think it presupposes that when you do cut a deal, things are going to work well.

Remedying something is a little bit different from analyzing the competitive effects of a merger.

There's a lot of idiosyncratic stuff going on that you might not -- well, certainly you won't be able to study

if you don't have past data on that remedy in that industry, which it's unlikely you will. You will probably have better data when you're trying to predict the effects of a merger. And I think that very often, very often -- all the time, I might say, the parties who are asked to remedy something or are ordered to remedy something, they know a great deal more about their business and they know a great deal more about what remedy is going to be good enough and what remedy isn't going to be good enough.

And it's a very difficult situation for a government agency to be in where the other party knows a lot better than you do exactly how things are going to work out in the business world. And, so, I think not only studying the effects of remedies, the types of remedies that work, when they do, when they don't, but perhaps even being a little bit more willing to go in court to challenge things when the alternative is something that appears to be a non-surgical remedy, particularly when there are conduct provisions.

MR. HEIMERT: Tom or Steve?

MR. KRATTENMAKER: On the R&D? Yeah, I guess I would pick up a little bit. I don't know if my thoughts, as you can tell, are focused enough on it, but it seems to me people have made a lot of sense here. And

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not at all say try to avoid court but, in fact, Ken, in the end, ended up right where I am by saying that for God's sakes don't accept a stupid conduct remedy and stay out of court that way. And, so, I think we probably would agree when it comes down to most of the cases.

On the conduct remedy, the things I really find absurd are when you see a conduct remedy subject to a five-year or ten-year expiration provision as the ticket for approving a lifetime merger. I mean, this just does not make sense, folks. Unless you've got a really strange situation where you can say that we only got to worry about the next five or ten years, after that we know that because the following things, it's going to -- I have just a strong, strong bias against conduct remedies.

In terms of the going back into retrospectives, I mean, obviously he makes a sensible point. He always does. Let me play devil's advocate the other way. If you were going through a phase as a merger agency where you found yourself saying terrible increase in concentration but entry is easy and, so, there won't be any problem and you find yourself saying that in a bunch of cases, I would sure think you'd want to go back after a while and say, you know, we have been blessing these amazing increases in concentration because fancy

1	economists paid a fortune and fancy outside lawyers have
2	come in and persuaded us that entry was easy and would
3	take care of any problems. Shouldn't we go back and just
4	check to see whether we were being sold a bill of goods?
5	And I would think that an agency ought to want to go
6	back.
7	And although each of those cases is going to be
8	fact-specific, if you found that, by golly, entry wasn't
9	so easy as you'd thought, at least it would make you say,
10	golly, maybe we need to think about this a little bit
11	more and maybe sort of the way that we were proceeding
12	didn't make sense. And, so, I think it is important to
13	go back from time to time and just do the best you can to
14	try to get lessons from the decisions you've made.
15	MR. KRATTENMAKER: Steve, how does that help
16	you in the next case?
17	MR. CALKINS: Well, if you discover that
18	MR. KRATTENMAKER: If you had a case and you
19	think entry is easy and you're going to say, I got fooled
20	last time, you know, fool me once, shame on you, fool me
21	twice, shame on me.
22	MR. CALKINS: Well, then you try to figure
23	out
24	MR. KRATTENMAKER: What if it is a different

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lawyer? It's not Jan this time, it's me that came in and

25

1	told you
2	MR. HEYER: Then we have a challenge.
3	MR. CALKINS: I agree.
4	MR. KRATTENMAKER: I think you don't want to do
5	a retrospective on cases. A study of conditions of
6	entry, that would be fantastic. But why would that be a
7	retrospective on cases in which we rolled over because we
8	thought entry was easy? Because the next time we think
9	entry is easy, we are going to roll over again because we
10	believe it.
11	MR. CALKINS: Well, maybe you could go back and
12	I mean, obviously, if you can go off and do a really
13	marvelous wonderful study of entry, that would be great.
14	But there are limited resources. You need to start
15	somewhere. And one place to begin are with some cases
16	where you know what your thinking was, which will then
17	let you know how things played out.
18	MR. KRATTENMAKER: But wouldn't it be a mistake
19	to only do those?
20	MR. CALKINS: Oh, I wouldn't say only do those.
21	Obviously, one hopes there are all sorts of studies going
22	on. I couldn't agree more.
23	MR. KRATTENMAKER: Okay, I'm sorry to
24	interrupt.
25	MR. CALKINS: No, no, not at all, that sort of

1	finishes it.
2	MR. HEIMERT: I think we've already answered
3	this question, which is we've tried to establish the
4	benefits. Is there a way to allocate, in a principled
5	fashion, among these? I don't think that is going to be
6	a very productive discussion. But maybe,
7	impressionistically, we could each take 10 seconds to
8	answer does the FTC have the right mix of these
9	activities now? Should it have more of something or less
10	of something in your opinion and nothing more?
11	MR. KRATTENMAKER: No, they could do a lot more
12	because you
13	MR. HEIMERT: Finite resources, Tom. Assuming
14	the resources we currently have.
15	MR. KRATTENMAKER: You've got a whole Bureau of
16	Economics out there that could be doing the studies that
17	Ken and I have outlined here, and they're not doing them.
18	It's not their fault. Turn them loose. Ken's got a
19	bunch of people, too.
20	MR. HEIMERT: I don't think they're going home
21	at noon, though.
22	MR. KRATTENMAKER: I know that.
23	MR. HEIMERT: They must be working on
24	something. Jan?
25	MS. McDAVID: Under the Goldilocks standard

1	it's proba	ably	just abo	out	t right.
2		MR.	HEIMERT	:	Steve?
3		MR.	CALKINS	:	I don't know enough.
4		MR.	HEYER:	I	don't know enough, but I'll say
5	something	g anyway.			
6	(Laughter.)				
7		MD	urvro.	т	haven't looked garefully at the

MR. HEYER: I haven't looked carefully at the FTC's allocation of things, but I will say that I've been impressed with the fact that they've been playing in a variety of areas. And I think they've been reasonably aggressive in mergers, for example. I mean, Whole Foods was a bit of a stretch, which they've just gotten a good opinion on, and some others were close calls. I think that you don't want to be in a position where every case you bring you win. That suggests maybe you're not bringing enough. And I like the idea of pushing a bit and being in court more often.

I mean, Steve qualified his criticism a little toward the end of something I had said. I began by s1 -.()Tjf 10.000 Wholeos9e0000t000 cml.00000 0.ion where.

probably could do more, as Tom was suggesting. And maybe, my view, allocating slightly away from retrospectives and slightly more towards other things that I think might be a little more helpful. But the fact they've been -- they filed comments frequently on matters. Whether one agrees or disagrees, they've been very bold in certain areas, in intellectual property, Rambus stuff, the Schering Plough stuff.

And, internationally, I mean that's probably a whole other conference, whether we're spending enough, too much or whatever we're saying internationally. But they've been obviously very aggressive there as well. So, I think that whatever their resources happen to be, they're allocating them reasonably nicely.

MR. HEIMERT: All right. Let's shift the focus a little bit to even more granular questions about some of the FTC process questions. One thing we have, it's not unique but it certainly differs from the Department of Justice, is our administrative adjudication mechanism. Two recent developments, the first I think was yesterday, was the Whole Foods case which at least suggests perhaps that it should have a more prominent role or can have a more prominent role when the FTC seeks a preliminary injunction. At least in my quick review of the opinion - obviously, I don't speak for anyone at the FTC -- is

little bit complicated. And I know we have a limited
amount of time, so I'll try to truncate my responses
rather than talking even twice as fast as I usually do.

Number one, I am not a litigator. Number two, that doesn't stop me from saying I don't know why we do any adjudication in this area anyway. If it's not a criminal case and your antitrust complaint whether you win or lose depends upon the credibility of a witness, I don't think you have an antitrust case. So, I don't know why we do adjudication on these.

Partly, this is very personal. I've done mergers here and at the DOJ and at the Federal Communications Commission. At the FCC, they're done on a paper record. And I don't see a difference in the quality. I see a lot of difference in the ability to bring hard thinking to it and a quicker and more sensible resolution to complicated matters that don't turn on the credibility of whether the red car hit the blue car or the blue car hit the red car.

So, one of the reasons why my thoughts here are complicated is I don't see the value of it as opposed to trying to do something that would be an equally responsible way of trying to get at the right answer for this particular case.

If you are going to have adjudication, I do

think the present system is an anachronism. I mean no
personal offense here, but there is no requirement that
the people whom the cases are being tried before have any
antitrust knowledge or any experience in a courtroom. We
have a Commission which is, to the outside world, acting
as judge and jury. I mean, you talk about trying to
explain things to clients. Try to explain to them how,
yes, you have a chance now to go litigate this case
inside this agency that just voted that complaint out
against you. That's a very hard thing to understand.

On the other hand, finally, there's a wonderful advantage here to having this administrative agency. I mean, the possibility that you have a truly expert group of Commissioners who could be thinking and focusing on antitrust law and consumer protection law and how markets work as another parallel track to just going to generalist lawyers, which is what federal trial judges

wear robes. You don't need to issue formal findings.

We're the ones who are going to do this.

I thought it was a wonderful idea to have Commissioner Rosch try the case for the reasons I'm suggesting, assuming you could deal with the ex parte issues that are inevitably going to arise.

And why doesn't the Commission say, here's the complaint. Here's why we think it's bad. Here's what we think are the contested issues of fact. People are going to submit papers on this in three weeks. I don't care about three weeks. Three months. Janet will be in here with a motion that we need to double that. And our hearing examiner, our magistrate is to put together a paper record that we can review. We want it back here in six weeks.

Why don't we try to do some of that? And then maybe it wouldn't seem quite so anachronistic. Maybe it would try to keep some of the advantage of a collegial expert body looking at these issues as opposed to one individual federal trial judge doing it. And maybe it would get us away from the idea that the way to resolve a merger case is to put a couple of -- I'm sorry, there's a bunch of really good litigators out here, and you all know I'm not among you -- people in the courtroom who say I object every 30 seconds to testimony that's going to be

then going decide whether or not to do something, although exactly what, given that the merger closed almost a year ago, is hard to know. And then there will be a Part III adjudication which will take God knows how long, followed by an appeal to the Commission, followed by the appeal to a federal court. Sometime five years from now we may have the final resolution of Whole Foods on a transaction that closed a year ago.

So, how do you do administrative adjudication in something that has to move quickly? Maybe it's for closed mergers like Chicago Bridge and Iron. I regard the Inova thing as an experiment to try to prove to the courts that the agency can, in fact, move it along quickly.

It raises issues. It compounds the issues that Tom talked about with the kangaroo court. You have a Commissioner presumably who was briefed on the matter while it was under investigation, who didn't participate in the decision to bring the complaint, but is now going to be the judge. And then some other Commissioner is going to also do the appeal. These are issues that have to be sorted through. But I think that one of the principal ones is: How are you going to make these cases be resolved more quickly than the Rambus case?

Steve, do you want to share some

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MR. HEIMERT:

is -- it's important for this agency to get it right, to make it work, because it's one of reasons we have a Federal Trade Commission. And if you're not going to have them in the business of adjudicating, then you're really back to wondering in a very serious way whether we ought to continue on having a group like this.

That said, I want to first say that I don't think it's fair to continuously bash the Commission for taking forever. I mean, you look at the doctor case that was just -- the Commission just won down in the Fifth Circuit on appeal. I mean, the Fifth Circuit Court of Appeals had that pending before it for just an unbelievably long time. And, so, you can find all sorts of federal courts that have taken forever to decide things. And, so, it's just not fair to say, oh, the Federal Trade Commission is slow. The federal courts can be very slow as well. That's point one.

Point two, any time you have an operation like the Federal Trade Commission that does investigating and then deciding, you're either going to either decide that you can live with that approach or you're not. And if you're going to live with it, then there will be a period of time when the Commissioners are thinking about whether a case should be brought. And then at the end of the day, they're supposed to sit back and decide whether or

not the valid cause of action was set out. And then the defendant has the immense advantage, thank the Eleventh Circuit, of almost choosing any circuit to which to appeal and complain that it was not treated properly under the various standards. And, so, there's a mix of benefits depending upon what you do.

In terms of the Tom Rosch thing, I have been struck with the vigor of the cries of dismay and disbelief and horror and just sort of the friends of mine in the private bar saying, my God, what are we talking about here. And I view it really as the Commission saying, by golly, we need to make this thing work, and a sense that what's going on now isn't working and wanting to try something different. And maybe it is saying, by golly, we should be a better court and we should be a better way to decide these things and we need to figure

better way to resolve some of these issues. I think
that's a very good thing.

And I suppose one last thing I'd mention is that although the problems with a Tom Rosch doing this have been talked about a lot, I'd add one other benefit on the benefits side, which is that one of the interesting problems at the Federal Trade Commission is what do you do if you're not the chair and you're a commissioner? How do you feel good about yourself at the end of the day that you spent your time well and you've made a contribution to society? And how do we persuade a president not to appoint some idiot who's an old family friend or somebody who's been sitting in the White House needing someplace to go for their next job or something?

And, so, the more that we have important things for non-chair commissioners to do, the more there's a benefit, both in attracting good people and persuading the process to appoint good people and then letting them do good things that they can feel good about and stay energized and continue doing a good job. And, so, if having somebody serve as a trial judge is a way of doing that, I'd just put that down on the benefit side of the ledger on what is really a very interesting, challenging and important problem.

MR. HEIMERT: Ken, do you want to opine on Part

1	III?
2	MR. HEYER: Since I don't even know what it is,
3	I won't opine. But can I take my time to talk about a
4	different issue while we
5	MR. HEIMERT: Sure, could I move us on to the
6	next issue then?
7	MR. HEYER: Put some other things into the mix.
8	MR. HEIMERT: One thing and we had a couple
9	of other specific topics. Ken, I know you wanted to talk
10	about transparency. If you want to take a cut at
11	transparency first, then I will flip back to somebody
12	else.
13	MR. HEYER: I did try to talk about it in kind
14	of my opening remarks where I talked about the value of
15	having things out there so that the battle, if you will,
16	in the court of public opinion, in the court of actual
17	court opinion can help burnish people's arguments and
18	lead to better policy.
19	One other thing about transparency before
20	smuggling in my other point is that I found that when
21	something is going to be made transparent, it forces the

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competition agency to be more careful and to have

stronger support for whatever it is they're doing. If

you're committed to having to explain yourself publicly

in any kind of detail, you're going to do a better job

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ahead of time. And, so, that's one reason I value committing to transparency.

The one very quick thing I was going to say as my substitute for commenting on Part III is in deciding where to allocate resources -- I'm kind of harkening back to one of the things we're supposed to be focusing on.

One thing that we haven't mentioned yet, but is important, I think, is this type one, type two error cost issue. Type one and type two accidentally getting things wrong by doing something and then one of the other ones is doing something you shouldn't have done. Anyway, making mistakes. That's what type one and type two are about, making mistakes.

And I think in deciding where to put your resources, whether it's bringing a case, whether it's competition advocacy, I think you want to start with, number one, realizing you may not be right even though you think you're probably right. And thinking harder about the costs if you're wrong. If you're wrong in bringing something or if you're wrong in not bringing something. I mean, you can do it with math and expected value and such, but one example might be, should you challenge a merger that you think, in a worst case scenario, might raise prices a couple of cents?

If you had reason to believe that with some

1	months, five months, eight months, it's always too long,
2	the financing, holding the deal together, keeping the
3	companies viable.
4	But there are also nonmerger investigations and
5	they drag even longer for a variety of reasons. One is
6	the parties don't have an incentive to move the
7	investigation forward quickly, but sometimes they get

- 1 allocate your resources is well done.
- 2 We all make these kinds of judgments based on
- 3 our background. And I'm not only a federal pensioner.

MR. CALKINS: I got a whole lot of things that we didn't get to cover. I will go through them real quickly. One of the things that we might have talked about that's on one of the lists was remedies and civil penalties and things like that. On that I've talked before about the fact that penalties can change the substantive standards, but maybe that's good, maybe that's bad. You just have to think it through.

One of the things that I've been intrigued in the reference to Part III is the question of whether or not if you could have some kind of a financial penalty at the end of the day in a Part III case, whether that would have the effect of having the FTC, especially in consumer protection, less rarely always rushing into federal court and might it be a good thing or might it be a bad thing? I just thought about that as I was sitting here. So, I toss that out as part of the mix you'd have to think about if you were to tweak the remedies of the agency.

Next, competition R&D and things like that. We didn't spend a lot of time on workshops. Of course, all of us up here think workshops, bringing people like us in, are a good thing. I am struck with how frequently people in Europe, I think England, for instance, do sectoral studies. It's a different emphasis. We do more workshops. We do some, but it's much more of an emphasis

there. And we're not doing it nearly as much.

And the next time we get together, we should probably talk about whether that would be a good thing, because it would help to look at a particular area of the economy, maybe looking at both competition and consumer protection, maybe doing some good, or maybe it would be a bad thing because there would be an internal pressure to announce some fix and define some problem. And, so, maybe it would be a bad thing. But when we're functioning differently than they are, we ought to look at it and think about whether that's good or that's bad.

In terms of metrics, and I do think metrics matter, I said before we should be trying to figure out whether the competition advocacy makes a difference going out to government bodies. I think we also ought to be going back to all of the reports. I went to the website and printed out the number of reports the Commission has, and it just goes on page after page after page after page. And as part of Bill's retrospective looking back at the agency, somebody ought to be figuring out whether these have really made a difference and which ones have and which ones haven't.

Some of them are easy. The IP report clearly made a difference because it's been cited in the Supreme Court. It's been cited in lots of articles. It's been

part of an important national dialogue or discussion and
has really made a contribution. Other ones probably less
so. And, so, the agency ought to be trying to think
about that. And I'm not saying you just do a Lexis
search, but you at least do a search on the various
databases and find out how much people have paid
attention to them. Because if nobody is paying attention
to them, they surely are not making a difference. And,
so, you need to be doing that, looking at data.

One of the things we didn't specifically talk about was amicus briefs and amicus appearances. When you went back to my numbers that I had up there, I only had government cases. You could have mentioned private cases where there was an amicus brief, I think Broadcast Music, which appears 21 times in my little index, one of the top five most cited cases on that one. And that case I actually wrote about as part of a foundation press book

<u>L</u>	thoughts	about	your	chief	competitor?
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MR. HEYER: Final thoughts. I applaud the

introspection, although, as we have discussed and as

I am pretty sure is going to happen in most other places,

it may be difficult to come up with good metrics for some

of these things, in measuring them and providing

incentives.

If you can't come up with good ones, I would urge the Federal Trade Commission to resist the temptation to come up with bad ones just to say that they have some. Because as Steve just pointed out, these things have incentive effects. And if you create something just so you can have something to work towards, that doesn't make any sense if it's not a good thing to be working towards.

Because I applaud introspection, I will defer comment on whether or not it's an efficient use of tax dollars to have so many of these hearings in so many locations around the world.

A quick point on international. I think that it's important to try to have the focus as much, probably much more, on process issues than on analytical substance. Now, personally, I enjoy the analytical substance. And the times I've gone around the world, probably too many for the taxpayers' own good, I've liked

1	talking about economics and about what I think good
2	policies are and what the effects of various things are.
3	My own sense is that it's not quite so easy to persuade
4	people as I thought it might be. They've got their
5	priors, they've got their political sensitivities.
6	Frankly, most of them don't even understand what you're
7	saying.
8	I think that for the standpoint of business and
9	antitrust generally, the most important thing is to try
10	to harmonize the processes. You file one piece of paper
11	with everybody. You've got similar deadlines.
12	Information can be shared. I think that is a much better
13	way of promoting efficiency worldwide than having
14	lectures about bundled discounts, personally.
15	And then, finally, I would just applaud the
16	FTC. I think it's undeniable they are one of the best
17	federal competition agencies.
18	(Laughter.)
19	MR. CALKINS: Can I toss in a grumble real
20	quick?
21	MR. HEIMERT: Steve, go ahead.
22	MR. CALKINS: A quick grumble. You look at the
23	amicus briefs that the agencies have filed. You can come
24	away deciding that none of them were bad or that most of
25	them were good or that all of them were good.

1	time to get back through security if you're not an FTC
2	employee.
3	(Session 2 concluded.)
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1	The FTC has a very broad set of
2	responsibilities in consumer protection, from antifraud
3	to various types of rules, from funerals to
4	telemarketing, in the consumer credit area, consumer
5	privacy. There's just a wide range of things we could
6	do, and so it makes it would help the agency a lot to
7	figure out what are the relative merits of the different
8	areas and can we, in fact, do our job better by
9	allocating our resources a little differently than we do
10	now? And then another question is, are we absolutely
11	missing something that we ought to be doing? And we'll
12	talk about that a little bit.

So, we have four panelists here today, each of whom have some substantial experience at the FTC, some in the recent past and some in the more distant past.

We'll try to gain from their experience and insights into the FTC policy choices.

Directly to my left is Jack Calfee. He's a resident scholar at the American Enterprise Institute, and he's worked on a range of issues, including regulatory policies. Most recently, he's done a lot of work on the manufacture and sale of pharmaceuticals. He taught at the University of Maryland as a marketing professor, and his connection to the FTC is that he worked in the Bureau of Economics in the late 1980s

doing advertising and marketing work, tort liability,
and work on tobacco issues.

To his left is Bill MacLeod, who's a former bureau director at the Federal Trade Commission. He's currently in private practice working on the competition law and trade regulation. And Bill is one of the few people in Washington that seems to be equally comfortable on the competition and consumer protection sides of the work that the FTC does.

To his left is Lee Peeler, who is the president and CEO of the National Advertising Review Council.

He's responsible for leading the advertising industry's self-regulatory efforts. And everybody knows him here, because he was at the FTC for 33 years and left a couple years ago to take on the BBB's work.

Paul Rubin, to his left, is Professor of
Economics and Law at Emory University in Atlanta, and
he's the chief editor of Managerial and Decision
Economics. He has an extensive publication record, and
Paul's connection to consumer protection is that he was
the head of what we now call our Division of Consumer
Protection in the Bureau of Economics for some time, and
then he was also the chief economist at the Consumer
Products Safety Commission.

For this panel, we're going to jump right into

some questions, although one thing I did want to do was to mention a little bit about -- since the segment is about how we might measure things, I wanted to talk a little bit about what the FTC has done so far to try to measure things in our Performance and Accountability Report, and that report does a lot of counting of what the Federal Trade Commission has done and what BCP has done and the other organizations that give input into the consumer protection function.

It counts items that we've done over time, within the last year, to try to get a notion of how well we're doing at protecting consumers. You can see a number of the categories up there. There's actually another page -- another third of the page to the strategic goal of protecting consumers.

And one thing we're going to talk about today is, in part, whether those are very good measures and how we might be able to do our evaluation somewhat better. Obviously, this is the best we've been able to do so far. Part of what we want to know is by 2014, when the FTC gets to be 100 years old, what should this set of things look like? Should we be measuring different things? Should we be measuring them differently? And should we be able to determine how to do our job better than we know today? And this panel's

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right now, everyone's kind of doing handsprings when
they think about the Federal Reserve and the Department
of Treasury and the mortgage industry, et cetera, et
cetera, et cetera.

And then we talk about the FDA. We move on to the EPA, et cetera. And no one ever mentions the FTC, at least not in my presence. It's -- in fact, when I do mention it, people say, "Hmm," and they think a little bit. "Oh, yeah, advertising." And they say, "Well, yeah, they do do antitrust and so on." But on the stuff we're talking about, people are almost unaware.

I mean, that isn't true with the rest of this panel, because they're deeply involved in the things that the FTC deals with, but the people I talk to, who are -- tend to be regulatory economists, it's amazing how little attention they pay. And I don't think that's because the agency is doing a lousy job. I think it's because, on the whole, it may be one of the most successful regulatory agencies we have.

I'm not sure I thought that when I worked here, but having spent 15 or 20 years looking at other regulatory agencies, my views of the FTC are really quite elevated beyond what they once were.

And I think that the secret to the FTC's success is also the reason why it's virtually impossible

1	to measure the costs and benefits of what they do,
2	because I think the secret to a success is that the FTC,
3	on consumer protection, that what they relate to is very
4	narrow. It's marketing, advertising, something to do
5	

costs and benefits of advertising are, generally. For example, the automobile industry, which is gigantic, I am unaware of any studies -- at least not recently, maybe Paul knows of some -- that have actually tried to assess the impact of advertising on consumer welfare.

And then, you'd have the more difficult task of trying to figure out what the impact is of the FTC's actions on whatever costs and benefits are associated with the advertising.

And so, again, what I see is an advertising market that seems to work quite well. I think the FTC deserves a lot of credit for that. I think there are a lot of benefits to what the FTC does, but a lot of those benefits arise from the things that the FTC forbears doing, the things it avoids doing. And then when they do do something, it's a fairly narrow action, and then, like Paul mentioned, most of the effects have to do with deterrents or look at Web commerce.

And this will be the end of my brief remarks.

I'm sure that the FTC, in the early nineties, late

nineties, on into 2000, there was a huge amount of

discussion over whether or not we needed new rules, new

20gulations, a new approach to marketing in order rules, new

whole, the agencies said, "No, we think the old rules actually work in this new environment."

Now, sure, there are a lot of people who thought that we needed a new approach to regulation for this kind of commerce. I think the FTC did the right thing in saying, "No, Section 5 will work, unfairness, deception, et cetera, et cetera," and the benefits of the system right now really are quite large. I think the consumer welfare increases from Web commerce are gigantic, and I think the FTC's regulation is -- you know, accounts for a substantial portion of those benefits. But I'm unaware of any way to measure those benefits.

MR. PAUTLER: Lee, would you like --

MR. PEELER: So, first off, I just want to say how great it is to be back here at the FTC. I think this is my first official appearance at the FTC since I left. It's just terrific to be back, and I know Bill Kovacic said, you know, that you're not allowed to, you know, celebrate the agency at this forum, but I am in a nonprofit now, so he doesn't have jurisdiction over me, and I just want to say, you know, I continue to think this is, you know, the best place with the best people and the best government agency in town, and I think, you know, Jack's views are consistent with that, at least.

1	So, do you want me to say what the three that I
2	would add are? Are we ready to go there?
3	MR. PAUTLER: Sounds good to me.
4	MR. PEELER: Or, Bill, do you want to
5	MR. MacLEOD: I want to hear them, Lee.
6	MR. PEELER: So, there has been a convention in
7	the Bureau and I think from the Bureau of Economics and
8	probably from the law itself that says we don't talk
9	about the number of cases that we bring, because the
10	number of cases we bring, you know, can mean anything.
11	But, you know, if you look at the report that we submit
12	to oh, my other disclaimer is during the course of
13	this conversation, I will inevitably start talking about
14	"we." I don't work at the FTC anymore. I'm working at
15	the Better Business Bureau, but it's a hard habit to
16	break.
17	The first line of the report to the ABA talks
18	about how many cases we brought, and I just think, you
19	know, my experience is year-in and year-out, at the end
20	of the year, people want to know how many cases you
21	brought. The other measures we have are great proxies,
22	how much you're recovering, and if there was a way to
23	measure development of the law, that would be great,
24	also, but how many cases seems that it's important.
25	The second thing is, building on the question

yet -- that some people at Carnegie did looking at the effects of state disclosure laws, the notice to consumers when their identities are compromised, and it was a nice paper, because it used the 50 states or the 30-some states that have actually adopted those laws, adopted them at different times, and the paper was able to look and see if that had any effect, found it had no effect. So, that would be something to consider when you're thinking do we want these sort of notice laws.

But a before-and-after study, whenever possible, and Jack's right, it wouldn't be possible for a broad effort, but for narrow efforts, for targeted efforts, it may sometimes be possible to do that, and the important thing is, then, to get data from before so that you have something to use after, and, of course, it's the economists who would get the data from before.

MR. PAUTLER: Well, I just wanted to follow up on that a little bit. Is there any good way to tell when we should go about gathering that information? I mean, there's a lot of -- there's a continuous change in policy at the FTC. Things get tweaked quite often. It's very seldom that we come in with -- I mean, we do, on occasion, have a brand new rule that gets put in place, and it really supplants what was there before, but normally, the process is a lot smoother than that.

1	Is this going to be sort of just idiosyncratic,
2	that every once in a while we'll be able to figure out
3	how to measure one of our impacts, but we're not going
4	to be able to do it very often?
5	MR. RUBIN: It may be. On the other hand,
6	presumably if you're changing a policy, there should be
7	some reason you have in mind for changing it. So, you
8	should know something about what's going on. You know,
9	one would like to think that that v32

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L	stop unfairness. A police chief would not get any
2	credit at all for putting ten bank robbers into jail if
3	100 banks had been robbed in the town in the period that
1	they made ten arrests. There has to be a focus on
5	compliance, a focus on the markets that the FTC is
5	charged to protect. And I think the Commission has done
7	that many times over the years.

I remember, going back into the 1980s, when the Commission first launched a survey of Truth in Lending compliance by automobile dealers and then brought cases against them, but only after they recognized that simply by surveying and warning, they were able to raise a level of compliance substantially. The Commission has done that over and over again, and the cases are then brought to give the street c0000eo be a focus on

2	looking at the complaint database, that's a very
3	important thing. If something's not appearing as an
4	important source of complaints, that suggests that maybe
5	the FTC doesn't have to do as much in that area as it
6	does in the area where the complaints are high.
7	The last thing that I think I would mention in
8	response to a point that Lee made is that I don't think
9	I have ever, since I left the FTC, had a client complain
10	that the FTC was moving too quickly when it was making
11	an investigation. We do hear from the interest groups,
12	and I think it's an important thing to recall, that the
13	interest groups are not necessarily representing

consumers generally. They're representing a particular

They might want to see something happen or

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interest.

something happen very quickly.

That first item that's on the screen right now,

That something may not be consistent with the mission of the FTC in the first place, and constantly calibrating what that mission is and recognizing whether what is being requested of the Commission is consistent with stopping fraud, stopping deception, or stopping unfairness, that is a never-ending task, and especially

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1 MR. PAUTLER: Well, one thing I think we'll get
2 to later is the question of how well we've done using
3 workshops to get to -- as guidance as part of the FTC's
4 efforts.

enforcement, and I'm going to ask each of the panel members to think about what were some of the more influential cases that were important in the consumer protection area. And the reason for thinking about that is to try to get some notion of what are the implications of the influential cases? Do they -- and for the cases that were influential, how do we repeat that? How do we make the cases we choose to bring -- and this may not apply as much to our efforts to just stamp out frauds, but certainly in most of the other areas -- the cases we choose to bring, how do we target those that are going to be influential in the future so we spend our money on cases that really ought to matter?

And I'll throw that open to the panel. I assume our attorneys on the panel will have a few things to say about that.

MR. PEELER: Well, you know, again, going back to I think what the FTC's real mission is, which is to develop this market-oriented consumer protection, you know, I think if you look at the Pfizer case, you know,

1	it's a landmark case. It created a new legal doctrine,
2	and the important thing about it is it created a new
3	legal doctrine out of what was then an established
4	industry self-regulatory approach. Internally, ad
5	agencies used to review ad claims to see what support
6	there was for the claims, but it wasn't a legal
7	doctrine, and, you know, the development of that into a
8	legal doctrine has basically changed the way advertising
9	and consumer protection has been delivered
10	advertising regulation and consumer protection
11	regulation has been delivered, you know, in modern
12	times.

And, again, because of what is -- because it was a legal doctrine that harnessed the forces of the marketplace, it's really much more like a natural sand dune than a sea wall. You know, it's something that's going to be long-standing effect. So, that's my top candidate.

On the enforcement side, the first sets of 13-B cases -- I think it was Virginia Holmes was the first one, right, Alan? -- and the International Diamond case, I mean, that really changed the way the FTC thought about enforcement. So, that would be my next one.

But almost any FTC litigation addressing new issues helps provide guidance. So, there was a case

that Joel and I were involved in with an endorser called Steve Garvey that we pursued up to the Court of Appeals, and we didn't get quite the decision that we wanted. That case is relied on by legal counsel in major corporations all over the country to try to give them some guidance about how to apply the FTC's endorsement guides. So, cases and decisions that provide guidance are all important.

MR. PAUTLER: Yeah. Go ahead, Jack.

MR. CALFEE: Can I add just one little thing to that? Which is there was a time when the FTC used to bring a lot of cases against advertisers when they would claim that they were selling a product on sale, 20 percent off, 50 percent off, something like that, and they brought a lot of those cases in the forties, fifties -- all the way back to the twenties, thirties, forties, fifties, sixties.

And then at some point -- I've forgotten exactly how it happened -- the Commission saw the light and concluded that they had been so unnoticed that they were mainly suing the sellers that had the lower prices, and the beneficiaries were the sellers who had the higher prices, and so they made a conscious decision to stop bringing those cases. And you could argue that there was a very substantial benefit, but the benefit came

from making it clear that they were not going to bring those cases anymore. So, it was literally the end of bringing certain kinds of cases that had a big impact on the market.

MR. PEELER: And that's a great example. That decision was made actually in the Pertschuk

Administration, and it was made as a result of a law review article that Robert Pitofsky published called

"Beyond Nader: Advertising Regulation and Consumer

Protection," which it was very unusual for the agency --
I think Pitofsky had left the agency, but it was very unusual for someone who left the agency to sit down and sort of objectively comment on the pros and cons of different enforcement strategies.

So, you know, this law review article advocated very strongly that resale price maintenance cases had been used to attack discounters and that it was a bad use of taxpayer resources, and everybody in the Commission basically stood up and saluted.

What the Commission hasn't done is the second piece that you're talking about. The Commission hasn't been as transparent about that as they could have been. The guides are still in place -- and they're good guides -- but they're still in place and they're still followed by state and local consumer protection

1	agencies,	and fr	om time	to time	the,	self-regulatory
2	group has	cases	involvi	ng those	e issu	es.

MR. RUBIN: And also, if you -- I once searched those on the Web, and several trade associations very prominently feature those guides as, you know, attempts to keep their members by I assume cutting prices. So, they do still have that --

MR. CALFEE: And they will until BCP mounts an intervention against those particular organizations.

MR. PAUTLER: Well, I suppose that might be one candidate for our rolling review of guides and rules which we've been doing for a number of years, but maybe that's a candidate to bring up for the next -- the next set of reviews.

MR. MacLEOD: Well, Paul, let me weigh in with one that may be the grand daddy of them all, and that's, of course, the S&H case, where the Commission was told by the Supreme Court that unfairness meant what the Commission decided what unfairness would mean according to the various norms and laws of society. That almost got the Commission shut down in the 1970s when they started bringing their rulemaking.

But more importantly, it set out unfairness as

very vibrant part of the FTC, and that was part of the

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1	came out of the Commission, a combination competition
2	and consumer protection case, at least judging by the
3	pleadings.
4	MR. PAUTLER: Does anyone else have any other
5	candidates for great cases?
6	MR. RUBIN: I would have said Pfizer, also,
7	so
8	MR. PAUTLER: Okay. But one question, the
9	follow-up question to that was, is there a way to
10	tell a way to recreate the important cases? I mean,
11	if we're trying to measure what we do well and we're
12	trying to do what we do better, if there are
13	particularly important cases, we'd like to be able to
14	figure out, ex ante, what those might be and pursue
15	those.
16	Is it true is there any way to do that, or
17	do all of these sort of fall out of a time trend that
18	just makes them all sort of individually important but
19	not replicable?
20	MR. RUBIN: I think you can follow it with a
21	specific litigation strategy of looking for something
22	you'd like to change, finding a defendant who doesn't
23	have much interest in that issue, and, you know, and
24	bring the case. I mean, that's what people do. And the
25	agency, of course, is in a good position to do that,

1	because you see all the possible cases in the world.
2	You're not like a litigator or the Court who has to wait
3	for something to come before it. So, I'm not sure I
4	would recommend that. I mean, it would have to be
5	because I'm not sure I would agree with what might come
6	out of it, but it is quite possible for something like
7	the FTC to establish an explicit litigation strategy.
8	"This is the result we want to see. We're going to find
9	people and bring those cases." I imagine that was done
10	with Pfizer.
11	MR. PAUTLER: I guess my question presupposed
12	that the influential cases were considered to be good
13	cases, but but that's definitely true.
14	MR. PEELER: And that goes to the difficulty of
15	measuring the benefits of the enforcement program I
16	think pretty dramatically, but in the data and security
17	area, for example, where the FTC knew that data security
18	was an issue, there was a very conscious decision to
19	look and see how the FTC Act would apply to data

And, you know, going back to where I started, which is what's the role of the agency, that the importance of that development was it established the FTC as the leader in developing data security cases in

security, and there were a series of decisions that

followed each other that developed legal principles.

1	nonregulated industries, and you know, and the
2	alternative to that is that somebody else is going to
3	step in and do it, and they are not going to do as good
4	a job.

But it's hard to measure the benefits -- the direct benefits that you get from that, but it's clearly a very important benefit of the way the FTC does business.

MR. MacLEOD: Lee, that's exactly an area where the Commission can and has measured a lot of benefits.

I think, Paul, to me the answer to your question is not looking at what kind of case the Commission needs to bring, but looking at what area the Commission needs to police. I wasn't inside the Commission at the time, but I probably am not being terribly prescient in saying you could tell the Commission was going to go further than 10mcd0 TD0.00000 1.00000 0.00000 081.00000 0.00000 0.00000 0.00000 0.00000 0

there's mergers and there's vertical restraints," and
then there's a few other things. On the consumer
protection side, the set of areas for enforcement is
pretty broad: spam, telemarketing, business
opportunities, lots of financial fraud, a number of
credit areas have become important now, privacy and data
security obviously has become very important. There's a
wide range of enforcement targets.

And one thing the FTC would like to know I think in general is how should we allocate our resources across those various types of targets? Is there any way to really get at that that's systematic or what's the best way to think about the problem if there's no real systematic, database approach to getting at the question?

Paul?

MR. RUBIN: Well, I think my own belief is that the agency should focus those resources on fraud cases, on real fraud cases, rather than on deception or other kinds of cases. Fraud cases, there's no fear of overdeterrence. If somebody's engaged in fraud and you've stopped them, you've done a good thing.

With advertising, for example, with deception, usually a message that's deceptive to some is beneficial to others. There's, you know, the cases we used to

1	bring, let's say the false uniqueness cases. There's
2	lots of those cases where there's some harm to bringing
3	the case. The legitimate firm is doing maybe something
4	on the margin, but there's much more chance of harming
5	commerce by attacking a legitimate firm, where if you're
6	attacking a fraudster, there is no chance, because there
7	is no possibility of overdeterrence.

And I want to come back to the privacy issue, where I think, you know, people have been congratulating the FTC, and I think they've got it all wrong, actually, to take an extreme statement. I think the whole focus on data security turns out not to be a very useful focus. Right now, according to Symantec -- not you, because you don't know where -- but crooks can buy online for 40 cents anybody's credit card number, information to use a credit card. Forty cents. That's essentially the transaction's cost of the transaction. I mean, essentially, it says that credit card numbers, at least, are free.

20 What determines how much fraud there is? Well, .0000

engage in that fraud, maybe lobby the states to increase the criminal penalties for explicit fraud, and I think that would be a much more effective policy than -- and, again, there's real costs to targeting firms. I mean, the firms have costs of data security.

I tried to buy something online the other day

-- I do it a lot -- but this particular time, there was
some question of my PIN number, and it took me a half
hour to answer questions about who lived with me in 1950
or something of this sort to get through. All of these
things are expensive. They make doing business more
expensive.

And part of it is because of fears of security. Some of them are real, and some of them are the approach to stopping fraud once the credit card is out there, but I think we've gone probably too far. And I think the agency, by emphasizing -- warning people all the time about the dangers of fraud, may be making people more scared than they need to be.

Even if your card is -- even if the information is released, the best estimate is it's only 2 percent chance that you'll be the victim of anything, and the expected cost is not tremendously high. So, I'm not sure that we've done -- that you've done -- I'll say "you" now -- done consumers a service by putting out all

1	this information about, you know, the dangers of fraud
2	and by forcing firms to perhaps be more careful than is
3	optimal for these things. As I say, credit card numbers
4	seem to be free. It's the use of them that's expensive.
5	So, it sounds like we have another measure,
6	Paul, if credit card numbers go up to 60-80 cents
7	apiece
8	MR. PEELER: Although if you're really
9	successful, they might go down, because you would reduce
10	demand for them by putting the people who want them in
11	jail, so that's hard to know.
12	MR. PAUTLER: Now, how did you get those
13	numbers?
14	MR. RUBIN: It's a study of Symantec. Symantec
15	actually, apparently, has studied some of the Web sites
16	where the criminals criminals sell the only last a
17	few days. I don't know how the criminals find them, but
18	apparently there are semi-organized criminal exchanges
19	where there are transactions in these things, and they
20	have a report that's available on the Web where they
21	quote those numbers.
22	MR. PEELER: Well, there's a lot there.
23	MR. PAUTLER: Yes. Does anyone else have
24	thoughts on how we should allocate our resources or
25	MR. PEELER: Sure.

1 MR. PAUTLER: Yes	з.
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2 MR. PEELER: You know, first off, I think 3 Paul's right. I think fraud's important, and I think, you know, one of the great success stories of the FTC, as 4 you heard yesterday, is developing a fraud program, a 5 strong fraud program, and it's particularly impressive 6 7 to me, because when I started at the FTC, the -- it was black letter, you know, operating procedure, "The FTC 8 doesn't do fraud." So, you know, the fact that the 9 10 agency was able to get beyond that stereotype and move 11

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1	doing some work on privacy with Tom Leonard from the
2	Technology Policy Institute, and I promised him I'd give
3	his new organization a plug.
4	But when the tape falls off the truck and
5	there's a story in the paper, you know, "This tape's
6	fallen off the truck, 8 million names are exposed," and
7	someone from the FTC says, "Yeah, that's a dangerous
8	

1	That could be something they could do, and you don't see
2	them doing it. You see them more you know, the
3	institutional approach seems to be on the other side.

MR. PEELER: Actually, I think the ID theft reports that the FTC puts out do do that. You know, whether the press picks it up and writes it that way is a different issue, but I -- you know, and I hope we get to that. I mean, I think that the surveys the FTC does on ID theft and things like that are really extremely valuable.

MR. MacLEOD: Paul, I don't think you are going to get from this panel a general prescription, unless it's maybe disagreeing with Paul's observations, but -- and one of the reasons why you're not going to get a general prescription is, how do we know? I think it has to come back to what's going on in the marketplace, what is the mission, and in the end, it has to be an internal deliberation.

19 My guess is that it. Yf00 0.1Tunf00000ciption is, how do

number of sources, and that's some of the things that
we've been talking about here.

MR. PEELER: But I think another, you know, big success, and it's reflected in the GPRA measures is the FTC's gotten much more sophisticated about the data collection, you know, the consumer complaint data that they get, the ID theft data, and backed up by the market surveys is a much better, much more systematic way of doing it than when I started.

When I -- my first day at the FTC, I asked the associate director I was working for where he got his cases, and he said, "Well, I saw one on a television show the other night," you know, and that's just not a good way to open cases.

MR. PAUTLER: But I bet it still works for us every once in a while.

MR. CALFEE: In principle, if you have one market segment in which there is actually frequent, wholesale deception, usually there's some way in which the purveyors in that segment compete to some extent with other segments nearby that don't have that kind of deception, in which case I would think the Commission would hear from the competitors who are losing out to the highly deceptive characters.

I'm sure you hear from competitors who are

1	plan each year, and there are lots of sources of data
2	that go into that plan, but a big piece of the input in
3	the Bureau of Consumer Protection is from the staff, who
4	is working in the area and has access to all these
5	different sources of information, and, you know, from
6	that, you develop a plan that allows you to establish
7	priorities for the year. And, you know, that might be
8	changed the next year, but you need a plan each year,
9	where you're going to spend your resources.
10	MR. RUBIN: Just a caveat on what Jack said,
11	there is a risk, of course, that the competitors are
12	complaining or the
13	MR. CALFEE: They'll complain about competition
14	as well.
15	MR. RUBIN: on competition rather than
16	deception, so
17	MR. PAUTLER: I'd like to move a little bit
18	from the enforcement area into the other areas of
19	consumer protection activity, and we touched on some of
20	this already. There's several different avenues that we

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efforts and rulemakings, consumer education, guidelines,

and consumer protection advocacy work are all different

avenues that the Commission uses. And I guess we'll go

can use to try to have some impact on consumer

protection. Research and workshops, self-regulatory

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over a few of these.

Lee had mentioned workshops before, so I suppose that we could begin with thinking about how workshops and what you might call -- well, I guess you could think about those, in part, as policy R&D efforts, but they've been a -- an innovation -- I guess they have been an innovation since 1995, probably, about that period, and I was wondering whether the panel had any thoughts on how workshops have aided us in our consumer protection efforts and whether we can do those better than we have been in the recent past.

MR. PEELER: In terms of whether they've aided in consumer protection, you know, the answer is just clearly yes, because they're a mechanism -- they're one mechanism of getting the information you need to establish priorities and also getting the information you need to figure out, you know, what will work. So -- and they have immense value, both within the FTC in terms of establishing enforcement priorities, and also, making the FTC an informed commentator on legislative proposals.

I mean, and the best example of that is the Spam Legislation, where the FTC was really a leader in developing information about spam and spam fraud and was a major participant in fashioning a workable spam law.

1 So, you know, they're great.

2 MR. PAUTLER: Anyone else have any thoughts on workshops as a policy approach?

MR. MacLEOD: Well, Paul, I agree completely with Lee, and, as a matter of fact, you probably can identify some of the workshops that the Bureau has done over the last ten years as among the most influential things that have come out of the agency, including the biggest cases. A perfect example would be the workshop or the workshops now that the Commission has undertaken with respect to food advertising and childhood obesity. That is probably done more to influence advertising and the -- both the nature of advertising and the conscience of the advertisers, not only in the United States but around the world. No single case ever could have done with the Commission accomplished there.

And you can go from area to area to area where the Commission has held workshops, maybe not ever resulting in a case, but sometimes prestaging enforcement that comes later, and that has clearly made the Commission much more intelligent, but I think equally important, it has given a warning to the industry that this is an area in which the Commission is now extremely interested and one where compliance is likely to be at a premium.

MR. PAUTLER: And I know the other day I went through the workshops and counted up how many of them were Internet-related, and I think it was over 25 over the course of the last 13 years, and that's one of the areas in which I think BCP has done a pretty good job of trying to keep ahead of the curve. I actually have to ask them how they managed to come up with the ideas for the workshops, but --

MR. PEELER: And I think the point that Bill just made about the food marketing workshops is really establishing not just national but international leadership for the Commission in those ideas is a great example. The other one is a green marketing, and, you know, right now, that's the biggest issue among companies who are engaged in advertising of consumer products, and they really -- you know, the fact that the FTC was out in front and doing the workshops has really put the FTC in a leadership role, and people are really looking to the FTC rather than other entities to establish policy there.

MR. PAUTLER: I'd like to move from workshops to the research efforts on the consumer protection mission and ask the panelists whether they have particular -- whether there are -- there's research work that we could do or should do or whether there's been

1	research work in the past in consumer protection that's
2	been particularly influential that we should try to mimic
3	in the future to get an idea of where we ought to go in
4	the next few years.
5	Does anyone have sort of candidates for useful
6	research or a research agenda?
7	Paul?
8	MR. RUBIN: In the past, of course, from my
9	era, Pauline and Alan's Pauline Ippolito and Alan
10	Mathios' research on food advertising and fiber was
11	very important. Jack's research Jack Calfee's
12	research on cigarettes was of great interest. Not to
13	toot my own horn, I had a little paper with Allison
14	Mason, Allison Keith on direct-to-consumer advertising
15	that was cited.
16	MR. CALFEE: Of prescription drugs.
17	MR. RUBIN: Prescription drugs,
18	direct-to-consumer prescription drugs. I'm sorry. So,
19	those have been influential. I like to think mine has
20	been, too.
21	One thing they had in common was they all dealt
22	with the effects of other agencies, two or three, maybe
23	all, one with the FTC, two the FDA. The FDA was not
24	allowing DTC advertising of drugs. They were not
25	allowing advertising of the health benefits of fiber.

And so in that sense the advertising -- the research was important, and it was important not for markets directly, but for behavior of other agencies. So, I think that's something that you may want to think about. What other policies are out there that other people are doing that may be harmful that you can get a research handle on?

At the state level, people mentioned the Pricing Guide to Advertising, you know, you could do research on the effects of that. I have a paper coming out looking at state requiring -- some states require item pricing laws on -- in stores, that turns out to be very expensive. You know, the research came from me and some colleagues, but I think it's the kind of thing the -- the FTC has done some work in that area, but I think it would have had -- even though I write my own research, I think it might have had more impact had it come out of something like the FTC or had the imprint of the FTC.

But looking at ways in which other governmental entities interfere with the market process one of the more important things that the research endeavor could do.

MR. MacLEOD: You know, that seems to raise an interesting, more general principle, because most of the research people talk about that's really influential,

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1	here are the prices of attorneys' services in states
2	that prohibit advertising of pricing, and here are the
3	prices of attorneys' services in states that allow the
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1	MR. RUBIN: It's always the hardest question,
2	where to get your research ideas. I think, frankly, a
3	mix is the way to go. I mean, some questions, like
4	Keith's work on privacy, the Commission's concerned
5	about some topics, and so it's important that someone do
6	that research on those topics.
7	In other cases, a staff person may see a case,
8	see an interesting issue that arises in a case, and that
9	may lead them to think about it and come up with a
10	

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figure out how reliable their information is.

But what are some of the areas that are incredibly important right now in the economy? Well, healthcare is one. Everybody is -- or perhaps not everybody, but it seems like most of the commentators are saying there is something not working right in the market for healthcare. There are proposals to transform this market dramatically. Those proposals will have competition implications, but they will also have consumer protection implications. There's a perfect example.

My recollection -- and Lee probably knows this better than I do -- is that it was, in fact, a study of the insurance industry that the Commission was undertaking back in the early seventies that got the Commission dealt an exclusion from studying the business of insurance. The --

MR. PEELER: From thinking about insurance.

MR. MacLEOD: And so there is an area, as an example, where for a long, long time the Commission has not been able to devote either enforcement or research and development resources, and I think you can identify that as a market that gets more commentary for not working as well as the markets where the Commission is exercising its jurisdiction.

1 protection side when you ignore competition principles.

2 That's one of the things we do in the competition

advocacy and the consumer protection advocacy that we

4 talked about earlier.

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Switching gears one more time to MR. PAUTLER: try to get at issues of the effectiveness of our research agenda -- and we may have covered some of this already implicitly -- but we know what some of the greatest hits of the consumer protection area research has been from some of the discussion before. If we were trying to figure out where the next new areas are, one whole set of research that's been burgeoning in economics that has consumer protection implications is behavioral economics. Obviously, that now manages to -- if you look at the American Economic Review, there will be 30 papers in there each issue, and now three or four of them in each issue will be about behavioral economics of one type or another.

And I was wondering whether anyone has views on the applicability of that, whether it's really new for the FTC, and whether it's one of those areas that we ought to be thinking about even more heavily than we are now.

MR. PEELER: Let me start on that. I think the FTC was sort of the leader in behavioral economics. The

way the FTC has always approached advertising has been, you know, sort of basic behavioral economics. When we're trying to figure out what an ad communicates to consumers, we go out and test -- see what consumers get, trying to figure out whether the particular disclosure works. You go out and test to see whether -- you know, whether it communicates to consumers. So, if you think about behavioral economics in the sense of, you know, consumers bring different things to the mix, and you need to know how different remedies or different campaigns affect those consumers, you know, we've been doing that since -- you know, again, the 19 -- late 1970s and the early 1980s.

And I think this is an area where you go back to the basic questions that you're asking, which is how you allocate your resources, but it's an area where, you know, the Bureau of Economics probably could have taken more of a leadership role if it had more resources, to be more engaged in the debate, because, you know, the debate's gotten out a little bit in front of the agency, particularly at the international level.

So, at the international level especially, it's an example of how -- of why the consumer protection mission needs to have a strong profile and be engaged internationally. And just for people in the audience,

1	behavioral economics basically internationally is being
2	used to argue that consumers make a lot of irrational
3	choices or dumb choices, and so in certain instances,
4	the Government should be making the choices for
5	consumers rather than having consumers make them
6	themselves. And that's a much different approach to
7	thinking about consumer protection than we have
8	traditionally followed. That doesn't mean there's not
9	some truth to the fact that consumers make irrational
10	choices. It's a question of how you address that in
11	consumer protection policy, and that's an important
12	question.

MR. CALFEE: You know, I would recommend very highly the article that Howard Beales, the former BCP director, recently published in Competition -- I think the journal is Competition Policy International, which is an international journal. It's one of the new free

markets. When you do get into actual markets, it's still hard to translate what you find in general to one of the most important questions, which is what is the impact of a particular rule? What would be the impact of a particular rule?

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And even on very basic things, like opt-in versus opt-out for things like savings plans, anchoring phenomenon, so forth and so on, what he pointed out with some nice examples is that often, when you try to use those findings to implement a policy, and when you look at what happens with the policy, often you end up with something that isn't nearly as good as you would have thought it would be, such as a cooling off rule, which you can think of as being an implementation of behavioral economics back before anyone talked about behavioral economics, and what he pointed out is that if consumers know they have a cooling-off period, they're going to make different decisions than they otherwise would, and they actually might not be as well off, because the sellers can actually exploit a cooling-off period to induce people to buy things they might otherwise not buy, et cetera.

I'm not sure there's any good data on how it comes out, but I do think that it is not clear that a cooling-off rule unambiguously improves consumer

decisions. I mean, at least not as a general rule. And so I think that there's a case to be -- that where we stand right now is we have some very interesting results in behavioral economics. It's not at all clear that they have a lot of implications for FTC policy. I think the FTC is to be applauded for the care with which it has looked at these results and the diffidence with which it has tried to implement them.

And I do think that they have one very interesting natural experiment, and that is the advent of Internet or Web commerce. I would think that the way the purchasing environment -- the marketing environment works through the Internet is so different from the traditional ways that this would have been a good situation in which we could have seen some of the adverse effects of the various consumer mental shortcuts and deficiencies that have been revealed by behavioral economics. We should have been able to see how those things worked through to the detriment of consumers in this very new situation, because it is so different from what happened before.

1	effects, and so again, I would applaud the FTC for
2	looking at this, but being very careful about
3	implementing these results, and they might pay a lot of
4	attention to these ongoing natural experiments to see
5	whether what has been feared in behavioral economics
6	actually tends to occur.
7	MR. PAUTLER: Paul?
8	MR. RUBIN: Yeah, I think there's a real
9	danger I know when I was at the FTC, it was a few
10	years after Akerlof's lemons markets papers, and
11	whenever an attorney in BCP wanted to bring a case, lo
<b>9</b> 0	

mistakes." There is some disagreement even in the experimental literature. Some psychologists say that you can get different results -- for example -- here's an example. If you ask people about probabilities and to make a decision based on probabilities, they usually get it wrong. If you ask them the same question based on relative frequencies, they do much, much better. Human -- natural humans think in terms of relative frequencies; they don't think in terms of numbers measuring probability. And so if you think -- if you look at the way people actually behave, it may turn out that the experimental results don't always go through.

What I think the FTC can do -- and I am not an experimental economist -- but I think that they can get involved perhaps in funding some outside research. I remember there was one paper that Charlie Plott and several others did. I don't remember the subject of it, but I know that it was -- I've cited it, but it's been a few years since I looked at it.

But the FTC has from time to time funded some research, and I think it might be a useful thing to do, either -- you know, it's probably hard for people to do here -- maybe it's not -- but to do some experimental research looking more at actual market behavior rather -- because what you have -- what you have in

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1	manages to have implications both for consumer
2	protection and for our competition missions.
3	I wanted to get some idea from the panelists
4	about whether they think we're doing enough in the area
5	of self-regulation or too little. Are we fostering
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in the D.C. circuit, and that is the reversal of the District Court opinion in the Whole Foods case. It sets a very clear standard for what the competition attorneys must prove to get a preliminary injunction in a merger, and at the same time, Lydia and Mary Engle announced the FTC's report that dealt with, in large part, what companies are doing voluntarily and what systems are doing voluntarily to advertise food to children. Look at the report. On the business page of The Washington Post, the very lead story is, "Children Targets at 1.6 Billion in Food Ads." The most important case the Bureau of Competition had this year gets two paragraphs in the digest, "Whole Foods Ruling Reversed."

Self-regulation is big business, and getting compliance with what the FTC does is big business, whether it's a case or not, and it can be much bigger business sometimes when it is not a case. But I think that this is a very good example of the Commission encouraging self-regulation and the self-regulation working.

Is there a competition concern there? Of course, there is. The last thing that we want to see is self-regulation leading to the elimination of advertising. We've talked a lot about that today.

That's what the Commission, since the Bob Pitofsky

Bureau days, has tried to protect, and that's what this Commission has tried to protect as well, notwithstanding many activist groups who purport to speak to consumers who are saying, "Advertising is a bad thing that kids should not see." The Commission went down that path 30 years ago. They're not likely to do it again, but it is still a debate that is never going to go away.

At the same time, there are going to be cases right on the margin. The Bureau of Competition brings them. The Bureau of Competition brought one a few years ago that didn't come out so well, and that was the California Dentists case, and I think one of the reasons why it didn't come out so well is the Bureau of Competition didn't handle the consumer protection issues as well as it could.

The defense, in most restraint-of-trade cases involving advertising, is almost inevitably consumer protection, from the classic Supreme Court case,
National Society of Professional Engineers, who had rules against competitive bidding. Why did they have those rules? They did not want cheap bridges to be built that would then fall down. The Supreme Court said that that is not an adequate explanation for suppressing competition in bidding. We are not going to buy that. The California Dentists had rules that the FTC alleged

1	were inhibiting competition among dentists. The
2	California Dental Association said that those rules were
3	protecting consumers. The Commission lost. California
4	Dentists won, and the reason why was because there was
5	not an adequate explanation or let's put it this way:
6	From the Commission's standpoint, the Commission failed
7	to persuade the Court that the consumer protection
8	rationale of the California Dental Association was a
9	bogus rationale.
10	So, there is always going to be the threat that

And, you know, the Commission, I think, has done a really good job -- I mean, you know, for a long time, but particularly after Jodie Bernstein was here, in trying to take self-regulatory programs and use those in ways that move consumer protection forward but don't tie up a lot of FTC resources, and particularly in areas where the Government -- where government probably wouldn't do a very good job of consumer protection because of the mechanisms that the Government has to use.

So, I think that's a huge advantage.

I think the other advantage, though, and I'm -- and when we look at this chart, you know, we've skipped over a third of the chart, which is about the Commission's consumer education program. These organizations can also be important multipliers for the FTC's consumer education program, and, you know, when you look at the numbers that the FTC is cranking out in consumer education right now, I mean, you know, they were unimaginable when I was -- started at the FTC, you know, that we would get -- that we would have 47 million messages out to consumers is just astounding.

You multiply that, and the FTC is good about multiplying that by going to other organizations, both self-regulatory organizations and consumer groups, to

1	MR. PAUTLER: Well, it could be an old thing.
2	It could be something we've continued to do well, if
3	anyone has any thoughts.
4	MR. CALFEE: I like Lee's little capsule
5	summary of going back to the Pitofsky BCP days, et
6	cetera, when the FTC transformed its advertising
7	regulation into something that was really kind of a
8	kind of bizarre almost into what Lee describes as a
9	market-based regulation, and it's been remarkably
10	successful.
11	MR. PEELER: What I'd like to see
12	in six years why I think the FTC should be able to
13	celebrate in six years, and I think this symposium
14	approach is a great start on that, it's going to be
15	basically a transition in the leadership of the agency
16	from, you know, the types of folks that you see sitting
17	up here at this panel, the baby boomers, to a whole new
18	group of managers, and hopefully, they'll be learning
19	from everything we did and doing a better job than we
20	ever did. It seems like if we're there in six years, it
21	will be terrific.
22	MR. MacLEOD: That's setting a pretty easy
23	standard, Lee.
24	MR. RUBIN: I suppose what I would measure as
25	the thing most important to celebrate in six years is

## SESSION 4: HOW TO MEASURE THE WELFARE EFFECTS OF THE FTC'S COMPETITION AND CONSUMER PROTECTION EFFORTS

MR. PAUTLER: Thank you for coming this afternoon to the session of FTC at 100. We're preparing for our next 100 years, so what we're going to be discussing today is how to measure the welfare effects of competition. The title of this session was how to measure the welfare effects of competition and consumer protection actions, but we actually aren't going to be doing consumer protection actions, so I guess this is a misleading title, and maybe I could get into trouble with our consumer protection group for that, but we'll be focusing on competition issues today.

And we're going to try to discuss how one might measure welfare impacts, and we will focus on our merger work, on single-firm conduct, perhaps discuss a little bit about some of the other approaches we take to doing competition policy, our consumer advocacy activity, for instance.

The other panels that have gone on yesterday and today were attempts to either define some of the

1	mergers and joint ventures and horizontal and vertical
2	market power, the same kinds of issues that a lot of our
3	economists study. And he's working some on
4	international competition policy now.

Tom Hazlett is the professor of law and economics and serves as the director of information -the information economy project at George Mason
University. He was previously the chief economist at the FCC, and he's done a lot of work on a large number of regulatory issues.

And Greg Werden is the senior economic counsel at the Antitrust Division of the Department of Justice, and he's -- he works on a wide variety of policy -- antitrust policy issues for the Antitrust Division and is one of their main inputs into their amicus work at the Supreme Court.

So, the panel today, we will start out by having brief statements from each of the panelists that will just cover the general area of the welfare effects of competition, and then we'll get into some questions.

Let's see, we might as well go in alphabetical order, I suppose. Bob, I don't know if you have a brief statement.

MR. CRANDALL: I do. I do, but the way you had organized this was each one of us would take on a

1	different area. Do you want us to continue in that
2	fashion or how do you want us to proceed, because I was
3	thinking we'd start with mergers.
4	MR. PAUTLER: Oh, okay. Okay. Okay. Well,
5	let's just jump into the questions then, if that's the
6	way we want to do it.
7	MR. CRANDALL: You want to jump into the
8	questions? Okay. Go ahead.
9	MR. PAUTLER: Would anyone it's obvious
10	we've had a little bit of a miscommunication here, so if
11	anyone would like to start out with an overview
12	statement, that would be fine.
13	MR. CRANDALL: I'll start anyway, but without
14	getting into how you measure welfare, consumer and
15	producer welfare.
16	MR. HAZLETT: It seems to me you ought to work
17	on your collusive enterprise here just a little bit.
18	This is a Trade Commission.
19	MR. CRANDALL: There is a difference between
20	cooperation and collusion, Tom.
21	First of all, thanks for inviting me here, and
22	as a result of some work we did a number of years ago,
23	Cliff Winston and I have been eager to see DOJ and FTC
24	to push for more retrospective analysis of how the
25	policy has worked. And, of course, it's unusual for a

lot of government agencies to do this kind of work.

The premise here, I judge from the way this has proceeded, is that a lot of this research will either be undertaken, funded, coordinated, led by the agency itself. My own feeling is that what we need to do is to try to get academe interested in this and that it ought to be a joint effort between DOJ and FTC, since obviously you overlap enormously on merger policy and even to some extent on single-firm cases. One of you couldn't bring the Microsoft case; the other did.

But it seems to me that it is less important for us to sit around here and schmooze about how you would measure the welfare effects of a policy than to consider just more fundamentally, you know, what are the limitations to doing good research in this area? And it seems to me that the one that Cliff Winston and I identified some time ago are the deterrence effects. Whatever the effects of individual cases are and whether you can measure the difference between how industries have proceeded after a successful attack in a merger versus other industries in which you did not attack a merger, you or DOJ, may be even less important than the effect particularly of certain behavioral aspects. And I suppose this would turn, importantly, on Section 1, Sherman, which you are not responsible for, the

deterrence effects of antitrust. And it seems to me
that is even more difficult to attempt to measure.

So, this is not an easy task. What is surprising, and what was surprising to Cliff and me, was how long we have been -- after all, we're now, what, 118 years and counting since the first antitrust statute, and there was common law antitrust before that. I mean, there are other agencies that have funded retrospective analyses. The one I came across that did a pretty darned good job years ago was the National Highway Traffic Safety Administration, surprisingly, and they contracted it out to John Delorean & Associates. You may remember him. If you saw Back to the Future, that gull-wing car that he couldn't sell on the market, he sold to Hollywood. That was his greatest success.

But they actually did a pretty good job, and it's an interesting model. I never went back to see what it was that motivated NHTSA to do this or how they handled the process, but it wasn't a bad model. I'll just stop there.

MR. PAUTLER: Thank you. Vivek, would you like to make an opening statement?

MR. GHOSAL: I think I make sort of an opening statement versus some details. I think that there is no one strategy or metric that will yield answers in terms

of retrospectives. Each has its own limitations. So,
we need to implement alternative methodologies to gain
insights.

One of the things that I find useful to look at is understand firms' alternative business strategies.

So, if you think of a vector which has mergers and the different types of mergers, you have single-firm conduct, different types of single-firm conduct, and then you have collusion. If antitrust blocks, for example, a certain merger, and assuming for the moment that these alternative business strategies, just for simplicity, let's say they are only rent-seeking, then new firms might rate to the alternative strategies to pursue their end-seeking objectives.

And then, if firms do migrate to alternative strategies, then that has implications for the conduct of antitrust. So, effectively what you're saying is these alternative rent-seeking business strategies and antitrust essentially become endogenous in the system.

What this does is to really make life much more complicated in terms of understanding -- I mean, or thinking through retrospectives, because if a retrospective looks like you've blocked a merger and then you evaluate what it did, but the firm that got the merger blocked migrated to this alternative strategy,

then, in effect, it is a -- did may or may not be a very meaningful thing to do.

So, what we need to do is to sort of develop a core set of variables that we track, potentially. There's a lot of interest in prices for obvious reasons, and I'll talk later in terms of how price information can or cannot be used, but I find that in terms of retrospectives, one core set of variables that should be institutionalized in terms of tracking are issues related to product innovation, all elements about variety, quality, new products, process innovation, the standard variables, as well as looking at cost efficiency gains.

So, the reason why the second part is important is because since late seventies, eighties, evaluation of efficiencies has become very important, and whether or not the loan, specific things from these retrospectives, this this is an important part of what both DOJ and FTC will do in its competition mission.

The other advantage of looking at these alternative set of core variables is that a lot of these variables are actually available in the public domain.

I will give examples later. Unlike price, which is very difficult to get a handle on, many prices are transactions prices which you don't get to observe,

so -- and if you look at Dennis Carlton's 2007 paper, one of the things he says is, "Well, we need this price data so the agency should seek authority to get the price information," I don't think that's happening. I think it's going to be nearly impossible to get the power to force companies to provide price information post decision.

So, I think there's a lot to be learned by developing a core set of variables, and I think looking forward and looking to gain metric, I think to develop this core set of variables and very important, institutionalize the process, that is, we will talk later about how to figure out which cases to follow in the future, and institutionalize this process so if a case falls in that framework, you automatically have a framework for tracking it.

And essentially if you look at these effects, whether it's prices or whether it's innovation and cost efficiency related effects, these -- some of them take quite a bit of time to materialize. So, actually following something for a year may or may not tell us a whole lot. So, in effect, if you look at something, like a three-year window, it provides a more substantive basis for understanding, in particular, about the innovation investment and other issues materializing

1	that the firms have followed. So, I will just stop with
2	that for the time being.
3	So, I think what we need to do is to develop
4	sort of a core set of variables, track that
5	systematically once we have a case that falls in the
6	framework that we should track, and then so we can talk
7	later about that more.

8

MR. PAUTLER: Thank wlEu, Vive0000 0.0000 cm0.00 0.00 0.00

1	with such ex post analysis and the reason we don't see
2	much of it at the antitrust agencies is that the product
3	is a public good. The beneficiaries are not those who
4	are influential in the process of forming antitrust
5	policy. To the extent that there are private benefits,
6	they're probably associated with the rents to experts in
7	law and economics that would conduct those analyses, and
8	I encourage folks in that sector to take leadershianalyses, and

just read about the final -- the final -- you feel when it gets to the end, you have to explain to young people what satellite radio is.

But at any rate, the merger analysis I think benefited quite handsomely from the fact that a merger of two firms in the satellite radio industry to one firm in the satellite radio industry did not generate as much as zero excess return, even with a healthy merger premium involved. So, that kind of market data should be incorporated into the price effects -- I'm talking now about the retail price effects.

And finally, I would say that Professor Carlton strikes an interesting note at the end of his 20 -December 2007 paper. He says, "Strong opinions are not substitutes for quantitative analysis," and this point is clearly incorrect, okay? I don't think there's anything more commonly observed in Washington, in particular, than strong opinions substituting for quantitative analysis. And, in fact, I will make a stronger statement, and that is that even in a more perfect world, it would still be the case, that strong opinions would be substitutes for other kinds of analysis.

And, in fact, I would suggest that the role of quantitative and other analysis, scientific analysis in

1	general, in informing people's opinions is what we're
2	after here. We will always be stuck with strong
3	opinions. What the objective is here is to elevate the
4	quality of those opinions through a much more rigorous
5	and common level of ex post or retrospective economic
6	analysis of antitrust.

MR. PAUTLER: Thank you, Tom. Greg?

MR. WERDEN: I think it's a good idea to step back and ponder what we know already and what we can figure out that would shed some light on whether the FTC's doing a good job, but I think we should be realistic from the start about what can and can't be done. The title of this session is how to measure the welfare effects of the FTC's competition and consumer protection actions. We've just stricken consumer protection from that, which makes the task a little easier, but it's still impossible.

You can't measure -- not if you use the word literally -- any meaningful effect of any competition action, much less the welfare effects. Some important effects of some competition actions can be estimated, some can be inferred, but that's it. And all the limitations really add up.

The greatest limitation is that the competition actions themselves are designed to block proposed

would actually want to rely on it. Suitable data can be really tough to come by, and even with the best data, constructing a benchmark for what would have happened but for the merger or the competition action or whatever is more challenging than people generally acknowledge.

So, my best advice to the FTC is to embark on a small number of case studies, selected mainly on two bases: One, they think they might actually be able to do them, and two, that the findings could be expected to have some practical significance for informing the FTC as it carries out its competition mission. A broader-based study I don't think is going to happen, and we'll get into a lot of reasons why it's unfeasible when we talk about more particular conduct. .

MR. FROEB: So, I want to thank Paul and the FTC for setting this up, and I do think, you know, self, you know, retrospectives are important and self-analysis is -- the unexamined life is not worth living, and it probably applies to agencies.

I just want to say kind of the three criteria that I would use in determining, you know, what to do is just to start, what do we want to use the info for? I mean, what are we going to really do with the information if we get it? And from my point of view, it would test our thinking about, you know, are we thinking

about mergers in the right way? Are we thinking about vertical restraints in the right way? Are we thinking about, you know, consumer protection, monopoly, exclusion in the right way? And is it going to really affect -- you know, let's look ahead and say, "Okay, suppose this experiment comes out this way, suppose it comes out the other way. What's it going to do to our thinking?" And if the answer is nothing, I would say that, you know, maybe -- maybe you ought to think about, you know, asking -- looking for information that would actually affect how you think about things.

And what I mean by that is that if we did a merger retrospective and it found no effect or it found -- you know, we let a merger go through and it had a positive effect, I mean, we had a pretty -- or relatively, I won't say absolutely, but a relatively well -- you know, kind of a relatively good understanding of, you know, the competitive effects of horizontal practices. And we have theory, we have natural experiments, we have -- we have retrospective studies on individual cases that inform our learning. And I honestly don't think that, you know, a few case studies in the horizontal area is really going to move -- you know, move thinking very much.

The second question I would ask is, what don't

1	we know? Where is where are the biggest gaps in our
2	knowledge? And here, I would shy away from horizontal
3	effects and go towards the big the big unknowns,
4	which are effects that occur over time.
5	I would say innovation, practices that might
6	appear good in the short run, but in the long run, may
7	

1 And the third criteria is what can we learn,

2 and

these studies.

again, I would look ahead and kind of look at a proposed study and say, "Okay, suppose it comes out this way. Suppose it comes out this way. You know, how is that going to affect our learning?" And then really try to look ahead, reason back, before we embark upon one of

The last thing I want to say -- and I'll shut up -- is I want to -- I want to tell you a little story. When I first got here, I was really anxious to do a lot of retrospectives to see if I was right, and one of the cases that I worked on before I got to the FTC was the Chex/General Mills merger, and Chex -- Ralston basically sold the Chex brand to General Mills. General Mills had a lot of existing cereal brands. And the counterfactual that amounted to -- what they had claimed was that they had -- I mean, the reason -- the stated reason for the merger was that Chex was not -- was a generic manufacturer, they weren't very good at marketing

the behavior of participants. Issues that Carlton brings up. There's a variety of reasons -- I mean, looking at the before and after using price data is going to be very, very difficult. So -- and I think this is what I was trying to focus on when I said earlier that we need to develop a broader set of core variables that we will follow over time.

There is -- so, I think more than trying to -so, part of what Luke said as well -- if we get an
answer, what do we do with it and what do we learn? I
think there is some learning to be had in terms of
understanding why firms do what they do, right? So, I
think there is some gaps in understanding business
strategies, and unless we have a proper sense of that,
how the interventions work becomes more complicated.

So, I am going to give an example, which is not quite in the same ballpark, but I was doing a study for the Sloan Foundation on the global pulp and paper industry, and I visited a company in Finland, they let us in, and I think they were the world's third largest capitalized firm, and they had two important issues that confronted them. One was environmental standards, and the other was the European Commission had told them that basically no more mergers. You guys have acquired far too many, and this is it for a while. You don't get to

eat more lunch right now.

And so what they went about describing is a bunch of things that they did once they knew that answer.

Now, I was not at that point -- so, this was several years back. I was not at that point able to parse out the effects of the environmental regulations that was enforced on them versus what came out of this decision by the European Commission, but following this no merger said of guidance, effectively, they embarked on extensive investments in modernization, recontracting all kinds of input supplies, recontracting output supplies, so basically, in the management jargon, they revamped the entire supply chain, all the contracts, as well as the back-end, which is the output side.

There is some learning in here in the sense that if you -- so, this wasn't a blocked merger, but it was a signal that you can't do this anymore, what do firms do when you take action, right? So, if you block a merger, I think there is useful evidence -- I mean, if you can track certain variables, you try to go back and see what did they do after that.

So, price is very complicated for a variety of reasons, but this information about investments, information about many different things, like product

1	innovations, these are relatively easily available.
2	They're not easy, but they're relatively more easily
3	available compared to price information, and that's why
4	I think if you develop a broader set of core variables
5	to track and we don't necessarily have to study
6	mergers where there was an action taken. You can look
7	at close calls where the agency had concerns about price
8	effects, the agency had to weigh that against efficiency
9	effects, and at the margin, suppose nothing was done,
10	you let the merger go. Internally, you understand what
11	your concerns were, what the parameters were. If you
12	were to track this market after the no decision, you try
13	to see what do the parties do after that? In
14	particular, I think getting a better handle on the
15	scores of the variables to innovation, which is both
16	product process, as well as things like economies of
17	

(301)

types of mergers. This wasn't a close call, but the
close calls should give us much more information. So, I
think that could form a basis for analysis of mergers in
terms of retrospectives.

MR. CRANDALL: I want to agree with, I guess, what Greg and Luke suggested, which is it's very difficult to do this kind of analysis that doesn't mean to say, after 118 years, we don't get started trying. It wasn't the end of the world when maybe Houthakker and Taylor didn't estimate consumer demand perfectly 40 years ago. I mean, there have been improvements in econometric techniques since then.

We can -- there are lots of ways, including cross-country comparisons, to try to estimate the effects of industry-specific events, mergers or whatever, but one of the -- and then to argue exactly the opposite. One of the things that makes analyzing antitrust today even more difficult is that the interesting markets and where antitrust has most effect, I suspect, though I haven't looked at this systematically, would be markets in which there is rapid technological change. We're not talking about the International Trade Commission's fundamental mission is to suppress competition in industrial commodities, which don't change very much, like steel and chemicals, and so

1	forth.
2	We're talking about an activity which impinges
3	upon the overall general economy, where industrial
4	commodities and simple goods, simply a declining share
5	of total output and rapidly changing services and
6	high-tech products like medical equipment,
7	telecommunications equipment, computer software, and so
8	forth, are the areas of interest.
9	And there, you've got to worry about what the
18	

1	tell us if the drug was developed or whether it was				
2	slowed down.				
3	MR. WERDEN: According to the Web site, it was				
4	developed. I followed up.				
5	MR. FROEB: Oh, you did?				
6	MR. WERDEN: Let me take this opportunity to				
7	disagree with Tom Hazlett on event studies, which I				
8	thought				

That's as much evidence as we have on this.

In addition, to the original motivation of such studies doesn't apply with unilateral effects, which has been the predominant basis for merger challenges for the last two decades. The 1980s studies, pretty much early eighties, were based on coordinated effects notions, which motivated the idea that if the merger was A-okay. There would be positive abnormal returns to the merging firms and to their close rivals, but this presumption isn't so right with unilateral effects, and with a homogenous product and Cournet competition, the merging parties may make less profits after the merger.

With differentiated products and Bertrand competition, effects on rivals tend to be insignificant and won't show up in the data. With oral auctions, mergers have no effects on the rivals of the merging bidders. With competition in multiple dimensions, the little work that we have, which Luke and I did with two co-authors, indicates that the rivals can easily be worse off after the merger than they were before. So, I'm a big fan of not doing event studies.

As for retrospectives, I guess I'm all for doing them, but I'm pretty pessimistic about how much we

going to need a whole lot of data if we're going to do what Dennis has in mind. I don't think we're going to have it. And I think that unilateral effects are really easy compared to coordinated effects, where the theory seems to be that the merger, in fact, has a random effect, because the way the effect is always stated is it increases the likelihood of coordinated conduct or successful coordinated effort, which presupposes that sometimes it happens and sometimes it doesn't. So, whether it happens or not, you don't know did the merger have any effect. It just might have.

Well, with enough data, you could probably figure that out, but enough data might be thousands and thousands of data points, which we're not going to have. So, again, I favor a small number of intense case studies, focusing on unilateral effects. To the extent possible, try to compare ex ante predictions to actual results. And to the extent there is a difference, try to figure out why. What happened? Was the economic analysis wrong? How was it wrong? Or did unforeseen circumstances arise, in which case you can't really learn very much from that case?

What cases should we study? Well, at the top of my list, I would put consummated mergers that the FTC objected to. It's a short list, but it continues to

1	grow. Next, mergers the FTC took flak for not opposing.
2	I think we know what they are. And I'd round out the
3	list with any mergers that were allowed to proceed
4	largely on the basis of efficiencies or entry, although
5	I'm a little worried that that doesn't add anything.
6	So, that's my suggestion.
7	MR. CRANDALL: Tom, you need to defend
8	yourself. Come on.
9	MR. HAZLETT: You didn't take that seriously,
LO	did you?
L1	I would like to say a couple of things. The
L2	first one is that the short run/long run problem
L3	obviously is a very, very large problem for antitrust,
L4	and it goes to a lot of what's been said here about the
L5	analytical framework and what you know, what's
L6	trackable and what's not. And I recall about 15 years
L7	ago, I had the pleasure of actually being a listed
L8	witness, I think, at the same moment on both sides of a
L9	merger in front of the Federal Trade Commission. I was
20	told the attorney for the merging parties had put me
21	forward and the Federal Trade Commission talked to me,
22	so I was being put forward. So, I ended up not being a
23	witness for either side, which is the standard outcome.
24	But the this was a merger in cable
2.5	television, and at the time, head-to-head competition in

L	Federal Trade Commission lawyers, who, you know, I was
2	talking to, and they were very frank about it. They
3	said, "Look, you know, that's a great argument. We wish
1	you well. You can write a paper on that. We can't do
5	that. We can't look at that. That's out of the market.
5	That's beyond the window."

And, you know, you folks who are antitrust professionals here know that you do have to draw these lines in fairly dramatic ways just to make the problems trackable and to be standard within the analysis and to comply with, you know, agency and legal precedent.

Well, you know, that certainly is a problem, and I -- you know, I think that, you know, at 100 years of age, there really should be more sophistication in trying to look at these things, knowing that

(BOB)

1	Microsoft is constrained and the stock price movements
2	react to the antitrust case, that instead of being
3	helped, Microsoft's complementary suppliers are not
4	helped. That's information.
5	Now, you can criticize the you know, the
6	

(301)

fact is there's a lot of information there. You can get a lot out of that. In fact, you can get a lot more out of that than you can get out of a critical loss study, because there was nothing on the counterfactual in the record to really tell you what that critical loss study was going to look like if you threw out all the other stuff around it, including the financial market data, not all of which is event study, but how do you know that the facts changed in the market between the time that the merger was announced and the time that it was approved?

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MR. WERDEN: Because we had access to mountains of confidential information.

MR. HAZLETT: And it's financial. That's what changed. The markets were going south on satellite radio all through the last several years, including this last 17 months or so for the merger period, and those data are not the ones that the DOJ will cite in its opinion. I think that's wrong. I think it ought to be I think those data ought to be evaluated, and explicit. I think this sort of sub rosa use of financial data, which is -- and use of lobbying interest -- interested party lobbying, which has to influence and should influence the analysis, I think that should be stated explicitly.

1	MR. PAUTLER: Well, I think it's pretty clear
2	we are not going to have any agreement here on the issue
3	of using stock event analysis.

MR. CRANDALL: I want to put this in some perspective. As I look around the room, there's a great distribution in age here, and for those of you that want to make a career in antitrust, I would worry that one of the senior proponents and practitioners of antitrust at the Department of Justice takes such a nihilistic approach about being able to measure what he's doing. Remember that the antitrust authorities aren't working for the Dalai Lama or for the Catholic church and the Vatican. They're working in a institutional setting where everything you do is reviewable in court.

And as I look back over the last 30-40 years, the courts have taken a very different view of antitrust. I can remember Potter Stewart opining that the only sense he could make of Section 7 was that the Government always wins. I would think that the Solicitor General today, giving a speech, would say that the only sense he could make of it is that the Government always loses. And that the courts look very seriously for empirical evidence. And if the principal antitrust authority, the Department of Justice, is saying that there's no way they can measure the effects

1	know, the natural experiment in
2	MR. CRANDALL: It depends which empirical
3	evidence you
4	MR. FROEB: Now, has that changed your thinking
5	about the effects of the minimum wage?
6	MR. CRANDALL: Well, I mean, the
7	MR. FROEB: Does everybody know what I'm
8	talking about? They did a natural experiment. They
9	looked at the imposition of minimum wage in Delaware and
LO	Pennsylvania, and they found no difference between the
L1	two things. Now but we have very strong, kind of
L2	theoretical priors that if you put in price controls in
L3	markets, you're going to have an effect, and has that
L4	upset your your has that changed your feeling?
L5	MR. CRANDALL: Well, it was difficult for me to
L6	believe
L7	MR. FROEB: Come on, answer the question.
L8	MR. CRANDALL: No
L9	MR. FROEB: Okay, no, there you go. I rest my
20	case.
21	MR. CRANDALL: but I don't
22	MR. WERDEN: In 1971 when I took a labor
23	economics course, a professor brought in a stack of
24	studies this high, in 1971, put them on the table and
25	said, "This is what we know about the effects of minimum

1	wage. Half of these studies say there was effect, half
2	of them say there wasn't effect. We don't know
3	anything."

MR. PAUTLER: It's clearly going to be difficult to figure out what we do and don't know. I think we're having an argument here that -- it's a matter of how you weigh different methods of getting at the questions, and clearly we don't have agreement about exactly what sets of weights we'd use. I think part of what we're trying to get at today is figuring out, going forward, what's the best set of information we can look at to try to figure out what our effect is. I don't think we want to be in a position, for instance, in 2014 to tell the world that, yeah, we don't have any idea what we're doing. I don't think that's where we want to be.

I think everybody sitting up here actually wants to be somewhere else in 2014, at a position where we can say something. We've clearly got a difference of opinion about what sets of information are going to allow us to make inferences about the effects of mergers, and I think we're going to have to leave the difference of opinion probably sitting here for the moment.

Vivek, you wanted to add to --

MR. GHOSAL: If I could jump on the stock price, I think in terms of retrospectives, I brought up

ways and look at specific sectors that you're interested in, and I think that can yield meaningful results.

And I think that the discussion about stock price, there is no one methodology that's going to yield answers, and that is absolutely clearly, but is looking at price data or stock price data or innovation data, it is not -- there is no one variable that's going to be the determining factor. So, I think in terms of the short run/long run stuff, I mean, the innovation stuff is going to play out in the longer run, and I think that is central to the objectives of what we're trying to do. Price is also central. Price as much more difficult to get a handle on. So, I think this can be used as a good template for the other side of it, which are the nonprice elements.

MR. HAZLETT: I think that's absolutely right. I mean, I really don't understand a categorical rejection of financial market data as being an improvement in antitrust analysis, and I think we want, you know, at the margin to pull in stuff that's valuable and relatively valuable to what else we have in a lot of cases. For example, let's go to the XM/Sirius again. You know, market power of XM and Sirius, how are you going to evaluate that claim? Totally on pricing data? Very hard to do. In fact, close to impossible given

your comments, I think, and, you know, I obviously agree with a lot of what you said.

The place you want to look, in addition to everything else, is financial market valuation data on capital values of the firms, cost of capital of the firms, and that's probative, and it tells you something about what kind of market power is there, because yes, super-competitive profits should be in evidence if they have duopoly market power and are going to monopoly market power. So, that's an empirical inquiry that is implied by the subject matter, and a categorical assumption that financial markets really don't have the full story or don't have anything to contribute is inexplicable to me.

MR. WERDEN: Well, I didn't categorically reject use of financial data, but rather, only stock market event studies, but I do categorically reject the suggestion you just made, because I don't think it's right that we're looking for evidence of monopoly power in satellite radio.

Let us suppose -- and it seems plausible to me -- that this was a really dumb idea, but two guys had it. They threw a lot of money at it. They're hoping some day -- you know, there's 20 times as many customers, and at that point, it pays. They may be

1	right; they may be wrong. The market makes a judgment
2	about whether they're right or wrong. The market may be
3	right; the market may be wrong. Let's suppose the
4	market's smart, and they were wrong. This is a bad
5	business to be in. So, the stock market will be telling
6	you it's a bad business to be in. That doesn't mean the
7	merger isn't A-okay. It still may be.
8	MR. HAZLETT: Well, if okay. Okay. So, you
9	are going to make the assumption that these guys are
10	just nutty, and the actual data on what their costs
11	happen to be has nothing to do with efficiency. Well,
12	that means
13	MR. WERDEN: Not
14	

effects of the cases are good or whether they're bad,
we're not going to see them in those data.

We're going to have to follow these industries longer run. We're going to have to look at more subtle cues for what effects these cases have had on investment, not an easy thing to do and probably not an econometric thing at all.

I'm prepared to rely on all kinds of information for this task. I think that Bob suggested cross-country comparisons might be an interesting thing. Here, I think that might be the best bet. Certainly we have different policies in different countries in this regard. I expect that they've had different effects. I'm not real optimistic of being able to measure them, but it might be worth a try.

And I -- again, as I've said before, I favor the case study approach. We have some published case studies of the effects of past monopolization cases. I think generating new case studies is a very good idea. I think an extensive, in-depth, long-term study of the effects on a case of an industry over a period of time is typically the best way to go with these things.

I think we might be able to learn a lot. Maybe we can't fine-tune policy all that much, but there will be feedback effects on how we implement antitrust law

test -- you know, there's -- it's harder to test

overidentifying restrictions, hey, write down a theory,

and does the theory at least match what we -- explain

what we can observe? And then there's the problem of

time. You know, you're estimating stuff over time. A

lot more stuff happens.

I want to just tell an anecdote. I started out my professional life as a macroeconometrician, and I remember very -- you know, I started out estimating these quadratic smoothing models. You know, people, if your costs are convex, then it pays to smooth your production so you're not bouncing between high-cost areas. You hold the inventories to smooth production. And they estimated these quadratic inventory models with aggregate data and tried to figure out whether the costs were convex, and the point was that if they were, then there was an inventory smoothing, and Keynesian macroeconomics works. I mean, that was this whole literature.

Then I think it was Ken West, an econometrician at Wisconsin, did a Monte Carlo study, wrote down one of these models, and tried to back out the parameter of interest, which was the curvature of the cost function, to see if it was concave or convex, and he showed that you could identify it with only 10,000 years of data, of

Τ	monthly data. And it stopped this whole line of
2	inquiry.
3	And that's what I mean by kind of look ahead,
4	reason back, and let's not go down a road where we're
5	not going to be able to get an answer.
6	MR. PAUTLER: Well, I think in an earlier
7	panel, there was some discussion of what you might learn
8	from retrospectives before we started this discussion,
9	and people were saying, "Well, if you have five of them,
LO	you are not going to really know any there is no way
L1	you can know anything generalizable about them."
L2	With regard to single-firm conduct studies,
L3	while I think they would be very interesting to read
L4	after the fact, how many of them would we how many
L5	would you have to have to really know much of anything?
L6	I don't know what
L7	MR. HAZLETT: Microsoft.
L8	MR. PAUTLER: the right number is.
L9	MR. HAZLETT: Microsoft. But I would like to
20	ask Greg, okay, so we have been ten years now since U.S.
21	v. Microsoft
22	MR. WERDEN: It was a smashing success. Next
23	question.
24	MR. HAZLETT: Smashing, yes.
25	MR. CRANDALL: Do you use Microsoft Office

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1	antitrust agencies," outside of Europe, I guess. He
2	says, "This piece argues that the main conventional
3	explanation for its rare usage, availability of private
4	damage remedies, is often unconvincing given obstacles
5	to such suits," et cetera. He says, "Further, because
6	the behavioral and structural remedies otherwise sought
7	by the Government are often ineffective in
8	monopolization cases, disgorgement might often be a
9	preferable government remedy."

What I worry about is that the direction we're heading is for antitrust authorities to become tax authorities, and I think that's a very dangerous direction for us to be heading. So, we really need more information about how these remedies work.

information. In some cases, they might, but I've recently done a lot of work for the OECD looking at rules and regulations across countries, different markets, whether they are local, whether they are national, regional, et cetera, and I think one of the things that bothers me is that across countries, there are far too much heterogeneity of underlying rules and regulations that govern the behavior of participants.

So, looking at just industries in the U.S., looking at industry in France and Australia, unless you appropriately control for the underlying rules and regulations, I don't think you can say a whole lot, and this OECD work just came out. I mean, it's just, like, staggering disparity across countries in terms of those underlying rules and regulations. So, I'm not sure about the cross-country evidence. In some cases, they might, but in a bunch of other cases, they say basically they learned nothing.

MR. FROEB: There is cross-country -- I mean, there is cross-state variation in laws within the United States, say, in liquor laws, and it's tremendous across states, you know, on single-firm conduct. For example, you know, Tennessee doesn't -- gives property rights to distributors.

MR. GHOSAL: And my comment is the same, then,

area of vertical restraints and whether there might be some ability -- if we can't -- if we can't agree whether we can measure anything much about mergers, we aren't sure whether we can measure anything about single-firm conduct, now I've got the question, well, gee, what can we know about vertical restraints? And we've got somebody who wants to take that on.

MR. FROEB: Actually, one of the things I did when I was at the Bureau was I did a review of the empirical literature on vertical restraints, and both voluntary vertical restraints, you know, and, you know, legal, exogenously imposed vertical restraints, and basically it all says the same thing, that when you -- when you restrict people's ability to contract or firms' ability to contract upstream and downstream -- there's a couple of studies, but it's almost all on one side of the literature -- that good things happen, that output goes up, price goes down, and they interpret it as alignment of incentives, of retailers and manufacturers, or elimination of double marginalization, but again, it's all looking at the short-run behavior.

So, you know, the joke of the drunk looking under the lamp post, you know, you're going to look where the light is but you're not going to see where the real pay-off is, which is in the long-run behavior. So, it's

1	ought to do. Look for these rare, natural events or
2	experiments that we can actually back out the results to
3	get at the questions of interest.
4	MR. HAZLETT: Not to fuel our cynicism, but in
5	1997, when the those must-carry rules came to the
6	Supreme Court, the Supreme Court totally ignored that
7	great piece of work by the expert agency and it had no
8	impact whatever. I don't even think the paper was cited
9	by the Supreme Court, which was a terrible, terrible
10	loss.
11	MR. CRANDALL: And I think the decision
12	wasn't the opinion written by Steve Breyer, who's a
13	student of wasn't it?
14	UNIDENTIFIED SPEAKER: Kennedy.
15	MR. CRANDALL: Was it? But he wrote a
16	concurring opinion. I remember talking about it.
17	MR. HAZLETT: Yes, it was concurring.
18	MR. WERDEN: I'll add a few comments. First,
19	vertical restraints are tricky because the
20	pro-competitive effects and the anti-competitive effects
21	look almost identical. In fact, they're probably the
22	same thing exactly, just depending on your perspective.
23	So, that's tricky.
24	Secondly, there is, in fact, a vertical
25	restraint on which we have a mountain of empirical

evidence, resale price maintenance. We have

2 cross-section, lots of it. We have some time series.

But do we really know anything? I'm not so sure.

4 Mostly, these are really old, low-quality studies, so

5 that's part of the problem.

But there are some more interesting issues here, one of which is there was an interesting suggestion made by Howard Marvel that the cross-sectional comparisons are useless, because all the efficiencies from RPM go out the window when you have a patchwork of different rules in different states and you can't really achieve the efficiencies. Maybe that's right. I don't know.

My favorite little vignette on this subject comes from the hearings on the Consumer Goods Pricing Act of 1975, and one of the very few witnesses that testified that RPM was a pretty good thing and we shouldn't get rid of it had a very interesting response to Senator Brooks' little empirical study that he did.

Senator Brooks sent somebody out to the drugstores in Virginia, the drugstores in the District of Columbia, and compared a whole bunch of prices. One of them was a fair trade state; one of them wasn't. He said, "Okay, now we have an estimate for what the effect of fair trade was."

1	The witness says, "Just one problem with that
2	study. Not a single one of those products that you
3	looked at was a fair trade product. They weren't
4	actually under fair trade contracts in Virginia."
5	How did any academic researcher actually know
6	which products were subject to RPM contracts? Now, I'm
7	wondering, how did they know? They probably didn't.
8	They guessed. They guessed wrong some of the time. So,
9	these things are tricky.
10	Even when we have a lot of empirical evidence,
11	I'm not sure we know very much, and I think if we had it
12	to do over again, we could probably do it a lot better,
13	because now we know all these things that you could do
14	wrong.
15	MR. FROEB: I just want to just make a little
16	bit of a pitch that when you write down these theories
17	and you have specific pro-competitive or
18	anti-competitive theories, a lot of times you can test,
19	a restriction of the theory and that may get you part of
20	the way there, reduce some of the uncertainty that you
21	face.
22	So, it's not you know, and we've been

talking as if there's just one way of drawing inference about all of these -- all of these events, is do an -- you know, just do a post mortem and follow up, but

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1	there's other ways that economists have of drawing
2	inference, and that's you know, we use models and look
3	for overidentifying restrictions, and I think that is a
4	there's a lot of evidence out there about you know,
5	that allows us to accept or reject certain models, and I

1	estimation to the effects of antitrust to decision
2	theory guiding antitrust. That's a slightly different
3	topic. I don't claim any expertise at all in that.
4	MR. GHOSAL: Would sectorial studies help us?
5	I mean, if some I don't have an answer. I'm just
6	asking a question. I mean, if you based on
7	retrospectives and other things that you may have done
8	in the past, I think retrospectives may play a much
9	larger role in sector-specific understanding
10	sector-specific behavior and business strategy.
11	So, presumably so, it's not theory that I'm
12	talking about. I'm still talking about a data world.
13	Maybe that can provide some guidance into choosing
14	targets. That is, if you identified industries where
15	certain types of violations are cropping up repeatedly
16	and certain types of behaviors are cropping up, then,
17	effectively, that industry becomes more of a focal
18	point.
19	MR. PAUTLER: Well, that would be basically
20	using some research methodology to target industries, I
21	guess, and we would have to do that across, I suppose, a
22	very large number of industries to have any hope picking
23	the best set of candidates.
24	MR. GHOSAL: I don't think I'm talking about
25	cross-industry studies. I mean this is there has to

be input that goes into this before this. So, if you think of retrospectives and if you think of institutionalizing retrospectives of some form or another with alternative methodologies, and if it turns out that a bunch of these studies point to certain industries as being usual suspects in terms of violations, certain types of violations, then that base information could be used to select industries and specific targets within an industry.

So, I'm not talking about examining 200 industries in a cross-section. That's not what I'm suggesting.

MR. HAZLETT: But you have to understand the reason why they keep coming up. I mean, it may be that there's an efficiency driving it and the regulator has that wrong. I mean, the idea that if you prosecute a monopolization case that is supposed to deter behavior in that sector or industry, that other firms will see that that are adjacent to the firm you're prosecuting. If you get - if you get persistence, I mean, maybe dedicated monopolists or these may be dedicated folks who are, you know, for efficiency pushed in the same direction.

You may also get rent-seeking that pushes you in the same direction, because you've got exactly the same thing going on period after period, where, you know,

in the communications world, the hot vertical topic, of course, is net neutrality, and, you know, there's a lot of rent-seeking to go around on all sides of that. To say -- you know, to say that you're getting some -- some positives on anti-competitive conduct because you've gotten a regulator to take a look at it, I mean, this is not the antitrust regulator, although, you know, yes, the Federal Trade Commission had a proceeding on net neutrality, but I'm talking specifically now about the FCC.

The FCC is moving. On this, they -- you know, they moved before on certain firms. They will move again in the future. My take is that they don't understand the efficiencies that are embedded throughout the Internet, and if they really want to push nondiscrimination rules, economic nondiscrimination, they're going to be prosecuting a lot of cases.

So, I don't think that's a -- I think that's sort of an extension of what you're saying, because, I mean, yes, you want to look at these incidences, but you have to certainly evaluate them for what they are and make sure that your theory is correct about why you're getting repeat instances.

MR. GHOSAL: Absolutely. I did not mean that retrospectives necessarily go in one direction.

1	Retrospectives could go in either direction. If you
2	learn from the past, there is a lot of stuff coming out
3	later where there is innovation in some instances and not
4	in others, then you are obviously not going in a single
5	direction. So, retrospectives don't point to one
6	direction, as I said. This is what I was talking about.
7	

1	know very much about that. I can write down a model in
2	which you can engage in bundled pricing and exclude
3	competitors without lowering price to any consumers. But
4	has anybody ever really accomplished that? I would like
5	to know.

Firms have instituted bundled pricing schemes.

Did consumers pay more or did they pay less? That

presumably we could figure out. I want to know.

MR. GHOSAL: Here, also, I think private litigation in the private markets would be very important to track. Because if you are trying to build a database effectively on where to focus your energies on, it is not just public investigation and public enforcement because in the area of single firm conduct, I mean, private litigation is very important. So, to build up the database, that would be essential.

MR. PAUTLER: Well, I wanted to just ask one final -- give everybody a shot at one final question if they are interested. Greg just mentioned a research agenda for bundled pricing as the next item we should look at. I was wondering if anybody had any thoughts on a research agenda for the FTC going forward.

We have obviously talked about this a lot implicitly in everything that has been discussed today. Is there something that moving forward we might be able

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antitrust looks comparatively better. Indeed for over
100 years there have been models, frameworks and
precedents developed that do give you some ability to
talk rationally about efficiency. Some of those things
are off and missing in other places. So, I think that
that needs to be said.

MR. CRANDALL: To put it another way, we do have empirical evidence of the failure of the FCC if we don't have empirical evidence on the effects of antitrust policy. I think I would just conclude by saying that the way you formulated the question suggested that this is sort of an internal research agenda. I think it's very important if we could somehow stimulate young empirical academics to get involved in this. I don't know it's possible in the current world to do so. I am so far removed from that. But it would be useful to try to get more research going elsewhere not just within two rather well-funded and competent regulatory agencies.

1	people doing the work. But I think it would be
2	interesting to try to get academics involved, but I
3	wouldn't get involved by paying them, which probably is
4	the only way to get them involved, by the way.
5	(Laughter.)
6	MR. WERDEN: People are suspect if the work
7	coming out of the FTC
8	MR. CRANDALL: Do you work for nothing?
9	(Laughter.)
10	MR. WERDEN: Even more suspect of work for
11	hire. Nobody believes the stuff hired guns say on behalf
12	of a company.
13	The other thing I would suggest is that if you
14	are going to go outside, have at least two researchers
15	tackle every problem and see if they get the same answer.
16	One draw out of the urn doesn't do much for me, but if
17	two guys agree then maybe they're right.
18	MR. CRANDALL: As long as you get both Kruger
19	and Card (phonetic) doing it, it's okay.
20	(Laughter.)
21	MR. WERDEN: Yeah. And I would hope that the
22	reward is publication. If that is not enough, then maybe
23	there's something wrong with the journals.
24	MR. GHOSAL: The brief point I would make is
25	that I think in terms of internal assessments, a point I