

Sheriff share may lie /STAOEU lie /ST-S Louisiana you ask too in this doctor stock /PHEULG mill /STPWHRA same physician an illness
A. /HA*EUFRPBGSDZ physician /TPHRAOEUPB /STEU /PHRAOEUR in this /KPHOEUPB say ill miss in this /PHRAOEUPs just wore in this short-term shore if $I$ is ill E /STKEUBG /PHESZ and that /Staoeu /tKpoeup /Shreuz /aoeub /phoeupbg in this /-FRP.
Q. Line /Staoeufr /Kwreug since /Kpoeveblg /STEU organ zip /KHEPBL remember?
Q.
Q. /KA you /PHRAEUB /TEU defendants /PHRA the eye /STEU /SREUR so /POEUG?
A. Notice /AEU one time okay have to go refresh any rip ^ toe ^ to ^ tow difference that but my say lobe in this when I on doubt /AOPBLZ my in this look over /S-G apply it is milepost ^ open ^ operate cover 919 /PHRAEUFRP since /PHRAOEULG /POEULG able that's.
Q. So I sand side tack /PHRA in this have a /TPOPBS that you don't have believe that is relevance to inform our /WRAO*EU rear today?
A. I don't that would be doctor frame /PHOEUB she ^ condition ^ couldn't /STKPWHREUFR

2
supply /STPAEU.
Q. For you don't have an answer to that you done nerve my /STEU consider in this trial
testify that the issue correct?
A. /P-FRPBLG.
A. No what I going to testify on is what
the known as science right now I /TKP-PB see
science to port stay pore by /KOEUG /TRAEUGS
figure side /TPREUB I.
Q. So?
Q.
Q. Do you know what type of expert you going to be render add at the trial?
A.
A. I would assume I would be rendered /EPL /EP /EP tox information /KWOEUPB /STEU back /TPWROUPBLZ.
Q.
Q. Okay.
Q.
Q. Have you taken courses in physics?
A.
A. I have.
Q. Do you what key mass I K I in E Z M/AEU supply little kin kin?
/STEU /STPHR-FRPB defer as drink in this /AZ /PHEUTS /S-G any look Tulane definition P /EUPZ /STPHA I /TPAOG /STPHOEUPB /KWAEUG noise?
Q. /STPHRAOEUFRPBZ fall /PEU
${ }^{\wedge}$ many ${ }^{\wedge}$ much ${ }^{\wedge}$ am clock /AEU etiology that was my open /PHRA I is on the brake?
Q. /STKPWHR*P okay.
Q. Saw /STPHRUFRPBLG saw you doing by walk to are acknowledge /TPHRAEUFZ complain's into way apply /ST-S go stage /TPHAOEUFRPB /STORB I is a then is /STPH-R /STPHRO /SPHEPDZ term /STEGS /AEU /EFRPLS sign term Inc. /SERBG E /WR-G /SKPWUS look it you'll /STEU Friday if I answer /PHRAEUFP I /TPHAOBG see correct?
A. No.
Q. /PHEULG/PHOLG toy mail stow /TPHRAOG quick /STEU /WAOB sill go her. THE WITNESS:
/STPEUG employ /STKPWHR-FRPLS smear /STPHEURB work /TEU defendant lag the work right understanding /WAEPBLGTS Friday foil what I saying what word is asking me /PW-FRP please?
Q.
Q. So look un/TPHREUG/STEU wine /S-LGS
employment cost ${ }^{\wedge}$ noticed ${ }^{\wedge}$ notice ${ }^{\wedge}$ notify?
Q. So /KWAOG/SOEUP?
Q. /SAEUFRPTDZ /SPHREUFP grave it is a law of /TKPWRAFR it?
A.
A. Well /AEPB is principle of
${ }^{\wedge}$ associate ${ }^{\wedge}$ association et cetera with it so
have you ever a principle that is /PHRA you we
have lock /AOLG laws of /TPWRAFR /AEUs in /AOEUF
Newton /TPWRAEU /TKPWRAFR it is /WHRAUFRP you
talk about police the force face keep it /PW-B
/AEU walk on the earth.
Q. Have you courses in /SRAOEURB roll?
A. Yes.
Q. I have?
Q.
Q. Was is viruses /TPHUBG /KPHRUS acid located?
A. So there a virus you typical blame /STEU
gentlemen E/EUBG/TERPLG two ditch type versus
/TKPEU even /WHRAG talking about we have a D N a
type /SRUR us on RN /A*F play my flag size /TKE
plaque /TEU flag active stay as ${ }^{\wedge}$ far ${ }^{\wedge}$ for
talking about today it corn
$\wedge$ condition ^ couldn't are /AEU regular satisfy
/AOG idea receive stay/TPHAOEUG I am /PHRAFRPBL

6
/SEUSZ kind have a /PAULG ball /PHRAEUP see I
not really /AEU /PWAULGT it is my easier to describe it a ball gentlemen net/EB even can at outside with difference applying /TEU proteins in she prior /TAOEPBLs all saw behind idea estate there case of corn ^ condition ^ couldn't /RUR us get their name/TPWHAUS that ball is $/ \mathrm{R} *$ F N A my protein that not even can at another /PROPBLG teen laying I spikes stay lying /TEU ball with you spikes coming on play /STEUFR /KROUPBL.
Q. Eye the virus ${ }^{\wedge}$ send ${ }^{\wedge}$ sent /STPHAEU I have on receptors on the defer size /KROELGs clean saying the lie plan language not super see scientific languages that what ${ }^{\wedge}$ be ${ }^{\wedge}$ been clear about versus us viruses are not pan pan /AEU /S-G right now for in you have to ${ }^{\wedge}$ have ${ }^{\wedge}$ of after specific /KOEZ for a virus not all viruses like the same organism so we have the virus main /KPHRAOEBLG ${ }^{\wedge}$ system ^ sisters ^ sister /SRUR us /PHRA in this /KPOEU /KP*EFRP say a dog /OER /WOF we have virus that plain still /TPAOEUPLS /STPAOES virus like /KROPB ^ converse ^ converts started in one an malingering an get hundred at theed judge then to another super's estate
company in coast /S-FR corn
$\wedge$ condition ${ }^{\wedge}$ couldn't record Social Security
Bate various knee ${ }^{\wedge}$ have ${ }^{\wedge}$ of some times go to another whose and then E/PWER she /SRURS to saws /TKPWRAEUG I start the like said time of my influence start in this pig and makes the John pig to human show other influence that apply do that that are just kind paid in this pig that /SKWAOEUPB but then some of touch?
Q. /WHRU do lists the hose any only inspect certain/KRELGs within the hose it is not all the /KRELGs in the body /PRAEUB in this pry from and it is based on receptors the versus it has depend tiny virus face like see ${ }^{\wedge}$ have ${ }^{\wedge}$ of a /STPEUG /KPAULG it is a /TPOEUPL /*UF /STHAPB cover on it that that connect or to the human /KRELG spine /STELG that /PHRAO*EUBG you have ever in interaction with a protein or might ${ }^{\wedge}$ have ${ }^{\wedge}$ of reaction with something like a nerve sensor relationship between receptors that occur to /KRELG of virus that latchs on to remember settlement or the hose /KREULT?
Q. /SAUPB virus use /KPHEP remember or physical be as /WEUB cell?
A.

25
surface of any table now it is forever changed.
Q. . I can't death pen mark ^ offer ${ }^{\wedge}$ off of it?
Q. So would be /TKPEFs would involve there be afford ever change is that?
A. I forever change not in /STPHAEUTS state mate was prior the my daughter write log the on pen.
Q.
Q. Some damage if it $\wedge$ ten $\wedge$ tend pore
rememberly changed?
A.
A. I don't I don't damage tag a permanent
thing I don't think after being a temporary
issue and I think that ${ }^{\wedge}$ condition ${ }^{\wedge}$ couldn't
from me being a spine test right it made plates
name doing my damage on are damage I can't use
/THEPB anymore it is an out ${ }^{\wedge}$ have ${ }^{\wedge}$ of use it
is no long /SPHRER the /STAEUPLD space it was prior to me ${ }^{\wedge}$ am ${ }^{\wedge}$ many tip/HAG dropping it hitting the wrong so they into else.
Q.
Q. ${ }^{\wedge}$ Have ${ }^{\wedge}$ Ever ${ }^{\wedge}$ Every university read the other two Exhibit /PERPTSs Mr. Drink and Mr.
Ray ray report?
$\wedge$ conclusion ^ conclusionsed?
A. My would I lie I court/STOS maybe from
the any /STAOEUPBS for a stick only ${ }^{\wedge}$ have ${ }^{\wedge}$ of
what are Brian light say I/\#40EU7B
$\wedge$ also ${ }^{\wedge}$ always done enough work I was
$\wedge$ insure ${ }^{\wedge}$ interest ${ }^{\wedge}$ inch /WRO*FR /S-DZ first spars out broke I is /STEU /WRAOEPB /PHRAEUPBL /SPAUP start /SAR in suit /SPAEUPB mind /TEU doing for if I my I/PRET E
$\wedge$ condition ^ couldn't for /PAPBL talk knowledge
about in subject/WHREURP I necessarily need to
${ }^{\wedge}$ have ${ }^{\wedge}$ ever ${ }^{\wedge}$ every discussion with him.
Q. /STKPWR-FRZ okay.
Q. /PUPBL you'll sure report?
A. Sure.
Q.
Q. /STPWHREUFRP say paper are wore copy
front of me?
Q. Okay?
A.
Q. ${ }^{\wedge}$ Government ${ }^{\wedge}$ Govern any you look at page /\#3-6R starting at the background a second paragraph you AP try ask E earlier E when asked that wake wore will pan and a green even $\wedge$ oh $\wedge$ owe absolutely?
A. I have read I redoctor then drink's
report I think right before E turn it in I
didn't really let ray ray /AEU /AEUP any ray
/PRAEUFL in this we say /PHAOG Florida /SEUFRPLG
ditch that with your did peer review.
Q. Did you feed plaque doctor/TPHRAOEUPB?
A. No I think I read it had as being
processed because I was just curious.
Q.
Q. Did you use any of their opinions that
your conclusions to a $/$ R*EUFRP at your opinion
that ^ condition ^ couldn't plugs suggestion
case I know I result yes done eye apply they
done ${ }^{\wedge}$ insure ${ }^{\wedge}$ interest ${ }^{\wedge}$ inch /EUPBSDZ
/HR*EUPL each /TOEUTS have been /TWOBG/REPLTSDZ
as same time but you wasn't going his bar /TEU
section from the rest statement/PHROEUFRPB is
/STPHRUFRPBL sometime blame /STEU occur?
Q. Sure I am is a saw Tulane them at

Florida form of bins in your report?
A. We have internal conversation but it
/SOT like it no might wide related to opinion.
Q. Do you ask him /PHR-FRP for any type of
opinion conclusion to us have a river at
/TPHAEUG that /ULT $\mathrm{P}^{\wedge}$ mail ^ male
Q. You would agree that cover two
conversation conversation 19 is danger sy
/KWAOEUG?
A. Virus.
A. It is a virus play cover two sane
/TKAEPBing on she /PHRAER /SES way related to
start start and I is religioned the moor March
or middle /AOELGS she /S-G spy Social Security second /STAEULG I Page 4 of /SAR /SAR me R A in this applying /STEULGS /PHRAOEURPB /STELG employment /ST-LG line /SKWAG high/STKAOG /TKPWHRAEUPB /TKAPBLG ER /OULS but no sir us I know even the there fell /SKWAEU check even pox employed in this very /TKAEPBG /ERB /SOS it $\wedge$ be ${ }^{\wedge}$ been can be estate my consequence E fee people.
Q. Okay.
Q. And you have what over 25 years of experience there /EP /EP /TOBGS /TOBGS?
A. I do /EUZ went the more /STAEUF between

99 four an 1995 yes paw saw start /TPRAG after your 1994.
Q.
Q. Have you ever during that time were you reporting to work at home about 8 months?
A. I worked on home but not during said
went the pan pan like this and the last couple
pan pan I was work I want actually at CDC doing
this time I think I did work at manufacture home
I know I did work at /PHOEFP /SPHAOEUFRP
/SAOEUFP balls U.S. had a daughter who mass a
hard condition and were
$\wedge$ insure ${ }^{\wedge}$ interest ${ }^{\wedge}$ inch /KREULTDZ ill a
worried about her catch always /SKWAOEUPB flew
and show was not eligibility done /SRAB
$\wedge$ agencies ${ }^{\wedge}$ agents some reason.
Q. Okay.
Q. Are you just to be clear I talk about
the ER E on but you have been working
principally at home stint March?
A. I have in out Tulane office since March.

And I will be completely honest with you there
is a guy on your 27th floor of the building who
refuses to way in this time of the face covering
or not lie does not want to abide by the
billings request that we have no more 50
/PAOEUPBL sy making /SEUF gave /S-LGS my sag
/TKAEULG employ stay have any my /STPHREUS mill
mill /SKWRAULS ain't question. Please /STAEUFP
/KPAOEULG /SPHAOEUTS /SKPWAOG /STPOEUFRDZ /STKAG
answer is /KWEUPBL way cover in this
${ }^{\wedge}$ insure ${ }^{\wedge}$ interest ${ }^{\wedge}$ inch that.
Q. /EUFRP /STPHAEU isn't it/TKAPB my /ST-S
/AEUZ /PHRAOEUFRPB /-RPS apply cover admitted
then /KPOEPB ${ }^{\wedge}$ stipulation ${ }^{\wedge}$ stipulate
/PWHROEUPB feel /PWALGTDZ in this
${ }^{\wedge}$ have ${ }^{\wedge}$ ever ${ }^{\wedge}$ every age toy to /OFRPBS I went
to I wouldn't /OFRLS /*FRP /PWA once a week?
Q.
Q. Employ the page four of your report half
/TPWAEUZ down after they foot/TPOULG 17 /SAR
/SAR cover two /PHAOEUFP rough /STPHRAEUPB in
this drop list formals P you /PHERP she Exhibit
breast person to person was size corn /KPHROSZ
contact correct?
A. That is correct.
Q. /STKPWHR-FRP?
Q. Okay then an ${ }^{\wedge} \mathrm{am}^{\wedge}$ many your opinion

Louisiana the second sack repair in this patient
way of exposure is through airborne transmission
${ }^{\wedge}$ insure ${ }^{\wedge}$ interest ${ }^{\wedge}$ inch would consider
airborne transmission sign /TEUFR be communication saw sick so transmission path way stone kind understand it /STPAEUZ not ruling it out that no not there but in this /PREUPBL
resource in this friend /STEU /PRAEUPB in this going drop let forms?
Q. Are /PW-PBLDZ /AEU so transmission /AEU
${ }^{\wedge}$ lease ${ }^{\wedge}$ least CD D staying that a paid way to
transmit in this ${ }^{\wedge}$ noticed ${ }^{\wedge}$ notice ${ }^{\wedge}$ notify
correct?
A. /PHR-FRPBLGS.
A. What D /KPWR*/ST* say /SPHAEUG/PHR*EUF
in this ${ }^{\wedge}$ government ${ }^{\wedge}$ govern then public health
$\operatorname{sag} \mathrm{I}^{\wedge}$ insure ${ }^{\wedge}$ interest ${ }^{\wedge}$ inch near $/ \mathrm{S}-\mathrm{G}$
employ believe is that police /ST-FR in adequate
ventilation may /STPEU no vent /TEU plates play
/STP potential /STAOEU /KPHROSZ contact for airborne transmission.
Q.
Q. And can you please /-FRP apply clean the air to give rid /TEUF COVID-19 usual mill approximate for question.

## THE WITNESS:

So I don't place wait /TPHAEUPB /STEUZ certification in this /KPO clarify Florida I mean stitch clean the air?
Q. Okay well, if the advice in this sir
/STAULS saw ties fly I can /KPHRAOERPB it off correct?
A. Yes.
Q. You November ${ }^{\wedge}$ have ${ }^{\wedge}$ of knowledge that airborne transmission is way of virus can be spread P so I am asking you how you can /KPHRAOEUPBLG the air E what you do do prevent the /SREUR's from being spread informed then if anything?
A.
A. /PRAEUL in this form question apply /S-G
/PHRAUP saw prone I /SPHOEUP /KWOG /PHOEUR in this can I/PHARPBS can think you can doctor stock.
A. Well I want to clarify we what I hear you asking is not necessarily clean the pair but what you can you do to $\mathrm{E} \mathrm{mid}{ }^{\wedge}$ gait ${ }^{\wedge}$ gate airborne exposures.
Q. Any question is can you clean the air to prevent any airborne train mission?
A.
A. We can client the /AEURPLZ life prevent train figures ${ }^{\wedge}$ have ${ }^{\wedge}$ of anything so I possible that but not sure question is side asking.
Q.
Q. What did you'll use prevent the pay
answer?
A. So what can do is increase side couple thing /-LS ${ }^{\wedge}$ am ${ }^{\wedge}$ many ray things could /REPBLed by way say my member of there actual /\#250EU8
but are a/TPH*R my /TPHRAEPBTS /S-FR the opinion name a C paid people America /KPWAPB size in this for from cleans /SREUPB fill emergency /SEG more log etiology that.
Q. But path way goes by A S HR E A say R A

E go like /TEUTS wrong. ${ }^{\wedge}$ Ache ${ }^{\wedge}$ Ash
${ }^{\wedge}$ ache ${ }^{\wedge}$ ash /PHRAEULTS /STEU market /PAOEG CD
aid done face mail rent, $E B$ say rentses
/PHRAEUFRP in this increase is vent /TEU
/PHRAEULTS apply if space /S-TS so if we ask increase the air turn over $E$ ?
A. /KPHAEPBG rate apply the room quite
/\#24EU that saw I did /HRUTSing the airborne
$\wedge$ condition $\wedge$ couldn't accident station by
$\wedge$ insure ${ }^{\wedge}$ interest ${ }^{\wedge}$ inch yes, sir $/$ SES air
space what /STEU mean turning over the how then
air there is a couple of of cycles more than
/-RPL /TPOEU would I /PWHRAOEFRPB oil would
/SOEFPZ/WOEP ago silt by /EP 14 top 15 air
/ERBS change rate /T*FR do it story was fill ER
rate out size mill terms increase the /EB change
rate /PHRULS increase ill /TPAEUGS end we have

## 18

age /TKE lit the virus would be in airborne
consent /EUG practice enough and to ${ }^{\wedge}$ am ${ }^{\wedge}$ many
redue have the exposure. So would allow
/PAOERPBL in pages way /HRAOEUBGZ commercial
/STPAEUTS to be able to day ripe
${ }^{\wedge}$ have ${ }^{\wedge}$ ever ${ }^{\wedge}$ every increase
$\wedge$ insure ${ }^{\wedge}$ interest ${ }^{\wedge}$ inch /SAEUR increase
/HAEUPB /PHRAEULG in this turn over rate an
${ }^{\wedge}$ insure ${ }^{\wedge}$ interest ${ }^{\wedge}$ inch /KREUSZ and that is
basic will increase ventilation and /PAOEUFPB
/STEU ain't wear in this other mid /TKPWAEUGS such as face covering or mask.
Q. Mill?
Q. Stay ${ }^{\wedge}$ risk ${ }^{\wedge}$ risks ${ }^{\wedge}$ wrist ran /AOE she
increase /SESZ air /STPAEULS /STPHAEU help had
hepatitis fill ${ }^{\wedge}$ insure ${ }^{\wedge}$ interest ${ }^{\wedge}$ inch not
necessarily they I actually can work with A Y IC
$\wedge$ personal $\wedge$ personnel and change the area
exchange rate on their system depend test
$\wedge$ system ${ }^{\wedge}$ sisters ${ }^{\wedge}$ sister even capability but
far possible etiology to dorsi know we at I've
you work with ${ }^{\wedge}$ have ${ }^{\wedge}$ ever ${ }^{\wedge}$ every
${ }^{\wedge}$ insure $\wedge$ interest ${ }^{\wedge}$ inch yesterday ail old
/PWEULGDZing August about the /SAEUPBLG /AOEUG /STKEU /TPWEUPLG /PHR-G in this /TPRAPB
${ }^{\wedge}$ have ${ }^{\wedge}$ of quarts your /AEU /PHR-Bly five
/STKAOEU air handing ${ }^{\wedge}$ system ${ }^{\wedge}$ sisters ${ }^{\wedge}$ sister even we are able to increase if pair /ERBG change rate on those ${ }^{\wedge}$ system ${ }^{\wedge}$ sisters ${ }^{\wedge}$ sister evens to increase the /SAEUR that even /SREUPB ${ }^{\wedge}$ many ${ }^{\wedge}$ much ${ }^{\wedge}$ am so fit serve opportunity eve what over involve air last /STEU September all subpoena suppress back into it?
Q. 5 you cans testified you /KWALG guy to testify on whether or not hepatitis filler the
can clean the air can you /PHRA is
$\wedge$ pass ${ }^{\wedge}$ past $\wedge$ passenger ray ray?
A.
A. What I can say is ${ }^{\wedge}$ ache ${ }^{\wedge}$ ash in this rims that we put certain filler place certain fill /TPRAEUGS $/$ PAEPB ${ }^{\wedge}$ send ${ }^{\wedge}$ sent increase the fill fill /TRAEUG have the /TPAEUPLG /STES punish I against and said /EUZ /HEPB reduce /STREUDZ /STEF cover /KPOFR 19.
Q. Glove is to hepatitis?
A.
A. They ${ }^{\wedge}$ have ${ }^{\wedge}$ of a /STAEUFPT on
hepatitis always ${ }^{\wedge}$ have ${ }^{\wedge}$ ever ${ }^{\wedge}$ every
/STPAEUPBLTD ${ }^{\wedge}$ offer ${ }^{\wedge}$ off general filters which
we call /PHAOEUFP sag maximum
un^ insure ${ }^{\wedge}$ interest ${ }^{\wedge}$ inch /STPEULS rating
that on the filters ain't increase /TRA fill
/TPER and your HVAC /STEUS /EPBL ${ }^{\wedge}$ am ${ }^{\wedge}$ many an increase that filter to higher quality filer ${ }^{\wedge}$ agencies ${ }^{\wedge}$ agents ${ }^{\wedge}$ insure ${ }^{\wedge}$ interest ${ }^{\wedge}$ inch were /SES air exchange rate yes.
Q. /STPHAEU all the help remember does the transmission correct?
A. /PHR-FRPBLG we are /PHEUTS ats they
/PHEUTDZ /TKPWAEUGS steps can you do to we does
is /PAOEFPB sy airborne /TPRAO*PB /PEUGS gauze
/-FRP relate it is you don't know how
${ }^{\wedge}$ many ${ }^{\wedge}$ much ${ }^{\wedge}$ am sir us /TKAEUB to bet the
sick if we can remember does it down we /K-FRP
lower that apartment that it would fake to make
you'll get bet yes.
Q.
Q.
A. You agree on page /\#4-6R /TPHRAFR a
large percentage of the people incorrect she
${ }^{\wedge}$ assigned ${ }^{\wedge}$ assign /T-T may correct.
A. Correct.
Q. ${ }^{\wedge}$ Have $\wedge$ Of /STKPWHR-FP?
Q. Know people are still a something an
source of transmission to virus correct?
first couple days prior the any symptoms
development and then buy day /TPW*EUFR or so
that is people are maybe I kin yes main /STES
/PAOEPB are not first call you were may I
${ }^{\wedge}$ insure ${ }^{\wedge}$ interest ${ }^{\wedge}$ inch fixed may be an I
${ }^{\wedge}$ insure ${ }^{\wedge}$ interest ${ }^{\wedge}$ inch /STKPREUDZ is /SREUR
just /SOU review studies that give you a
percentage ${ }^{\wedge}$ have ${ }^{\wedge}$ of people that can livly
${ }^{\wedge}$ been ${ }^{\wedge}$ be walking around that are
$\wedge$ assigned ${ }^{\wedge}$ assign not be not be infected.
A. Yes.
Q. What is studies is that?
A.
A. /-FRP.
A. ER in this any bulge all knowledge by I
/WOEUS look at this ${ }^{\wedge}$ cite ${ }^{\wedge}$ site ${ }^{\wedge}$ sight there
was not my Friday plain is couple them play
/STAEUB I foul vial in this nothing /SKOEU wipe
22
unI notice walk them I have pride the I is pit
/STAUR /KW-PB bin /TPHAELG which it is I can
goes for /TEU like that actual studies and.
Q. Say understand doing percentage?
A. It has /SRAER I some about $75 \%$ to about
42 percent depending the studies.
Q.
Q. What is you did have understanding of
percentage of the /PAOEPB 10 percent /TEF pop
/EUGS Georgia walking around with COVID without
being tested ${ }^{\wedge}$ have ${ }^{\wedge}$ ever ${ }^{\wedge}$ every studies on
that?
A. I sign a some studies and it really
varies by reason of E region have the country
and a we rig only Tulane /HROEUPB.
Q. /STPHAEU studies that
$\wedge$ insure ${ }^{\wedge}$ interest ${ }^{\wedge}$ inch $/ \mathrm{SR}^{*}$ FR /PHRA

20 A. I know what positive irate has
$21 \wedge$ been ${ }^{\wedge}$ be specific a Tulane University balls
$22{ }^{\wedge}$ have ${ }^{\wedge}$ ever ${ }^{\wedge}$ every keening unwith that so
23 find in percent of their student are test
24 positive any have a /TKE persons I think before hole wean week O /TPOEU is /STOEUTS Social

$$
11
$$

25
A. We know in people probably
^ have ^ ever ^ every first four to five days
two days opinion /STEU /SEUPS even is every mile
zip to because /STURZ how ^ many ^ much ^ am
true ${ }^{\wedge}$ assigned $\wedge$ assign fought maybe /PRAOEUPB
first couple days prior the any symptoms
development and then buy day /TPW*EUFR or so
that is people are maybe I kin yes main /STES
/PAOEPB are not first call you were may I
${ }^{\wedge}$ insure ${ }^{\wedge}$ interest ${ }^{\wedge}$ inch fixed may be an I
$\wedge$ insure ^ interest $\wedge$ inch /STKPREUDZ is /SREUR
just /SOU review studies that give you a
percentage ${ }^{\wedge}$ have ${ }^{\wedge}$ of people that can livly
$\wedge$ been ${ }^{\wedge}$ be walking around that are
${ }^{\wedge}$ assigned ${ }^{\wedge}$ assign not be not be infected.
Q. What is studies is that?
A.
A. /-FRP.
A. ER in this any bulge all knowledge by I
/WOEUS look at this ^ cite ^ site ${ }^{\wedge}$ sight there
was not my Friday plain is couple them play
/STAEUB I foul vial in this nothing /SKOEU wipe

Security play positive ain't name was /WHAEUTS
was in the New Orleans ail very rain /AEU very
beginning because /WAOU remember gynecology that keep E low.
Q. E?
Q. You saw ${ }^{\wedge}$ ache ${ }^{\wedge}$ ash /HARB side
/PHRAOEURB /ST-S /STPEUD Halloween sit Tulane /STPHRAOEUFRPBLG I yeah?
Q.
Q. Early on whatever was the percentages
inform /PAOEPB infected in New Orleans?
A. Had.
A. /PHAOEUF just a /PHREUL/PHEULG /SEULGSZ playing specific date range.
A.
Q. /-FRP?
Q. P let's talk before March of 2020 you
had agree that New Orleans was /EUFR one of hole spot country for positive I correct?
A. /P-FRPBLG I would agree that we had I
married I /TKPWRAOS here in New Orleans and of I would probably had COVID here during married I grass we start I recognizing that it was COVID in large here March 13 last site some /KEULTD in this in person /KPHRALGS I remember back that
specifically so in March that I don't have to guy back look the nones inform remember the specific sick positive irate I were at/TKE /AERPB tag that pore apply about three percent over employ /TPHRAEU bore mood had COVID buildings ever go flake /STEUTS idea right now.
Q.
Q. Question sit tell estate that
/PHR-FRPBLG /-Z I would have to look at the
different city wide mans look /TEU this specific
I and before for New Orleans number she
/PWHAOEUG bare figure about two percent
$\wedge$ am ^ many range to about three percent that
was like enzyme /TEFR margining April and I have to I can't remember ton of me the medical I?
Q. Mill mill stain /PHR-S side /PHEPBL remember /STEUS front you don't specific will just you don't remember?
Q. /TPHRAEU I don't I don't remember I can't remember if I have neighborhood?
Q. Do you in spoke stock I would a
/TKPWHAOE with me that early in March 2020 north was being /ST-Red hot spot around the country correct?
A. I would agree March in we under I high
number of cases.
Q. Okay when did that un/*ERBly high number $\wedge$ have ${ }^{\wedge}$ ever ${ }^{\wedge}$ every cases start to goes down in your opinion?
A.
A. Once we have started setting everything
down that would have been and/or may.
Q.
Q. Here we starting to be very effective
into were doing by end of May?
Q.
Q. Okay.
Q. /-FRP?
Q. You say went Ohio twice to
${ }^{\wedge}$ have ${ }^{\wedge}$ ever ${ }^{\wedge}$ every drinks what in this
restaurant a restaurant it was Ohio is it a sit down /TPOUPLG /SPEUZ high purpose opportunity /RO*EUFR?
A. /EUZ whether I was ${ }^{\wedge}$ oh ${ }^{\wedge}$ owe was like /TEU /STPRAEUS tourist come in maybe like people had the luggage with them and stuff E will into the men you and this is /STPEF /AEU alcohol and
it is honest with you I so not ${ }^{\wedge}$ gall ${ }^{\wedge}$ gallon
/TEU play is any /TEU rest brand in if French
Quarter do I plan the high fine lie turn over

1 a
2 a
3 r
4 t
5 S
6 t
7
8
9
10 so
11
12
13
14
Q. ER?
Q. So sit here today did you any that was
was poor and to consider /SHRAEU report whether or not Ohio was high turn over restaurant?
A. Mill mill object to the form.

THE WITNESS:
What I think was more for upon
consider is Florida therefore ${ }^{\wedge}$ bounced ${ }^{\wedge}$ bound
same rules the rest /RAEPB in this city we are
at $50 \%$ October /PABGS /AEUPZ are and starting in
even ${ }^{\wedge}$ have ${ }^{\wedge}$ of any of the end of July July
July or July hire /STKPWHR-FRP so any important
to know now people are going in out the regular
ran my term whether or not the restaurant more
likely then in this had cover conversation 19 P
${ }^{\wedge}$ insure ${ }^{\wedge}$ interest ${ }^{\wedge}$ inch /SAOEUF it in this
mill mill object to the form witness /WAEUDZ
/STEU /STPHRAEUGZ important because manufacture wife didn't /STO*EUFR me /HAOEULT now until I
think was it around /P-FRP July 24 or so
${ }^{\wedge}$ risk ${ }^{\wedge}$ risks ${ }^{\wedge}$ wrist ran I think what regular ran were /WOP even reopen here /AEU no may pore said reonly even is new months /PHRAOEUPZ /STEU /WHRAG side to the July end July toy face two
and face two was what get back did restaurants and there are some /PRET /TEU say well defined rule ${ }^{\wedge}$ agencies ${ }^{\wedge}$ agents responsibility place the /REUSZ /RAOPB were payable to open back up. So any wife /-FRP I went the restaurant during that time /TPWRAEUPL after reopen we had to /STPHRAOEFR side rest serve flag I had to know /AEU were we ever give /AEU phone /TPWHUPL an merchandise ${ }^{\wedge}$ toe ${ }^{\wedge}$ to ${ }^{\wedge}$ tow go inside false it so it is just $50 \%$ occupant I patient any given time and I don't know Mr. I don't know what their return over would be ${ }^{\wedge}$ have ${ }^{\wedge}$ of ago the point.
Q.
Q. /PHEULG/PHEULG/SK-SZ /TPHRAEUPB /STEU /PHRAOG /STEU $\log /$ REUPB in this answer know question I notice ain't nothing /TPOUF as you ask physician rate just witness question answer /KWEPZ completed /SW you in question?
Q. Sit here those do you have any idea of
$\wedge$ am ${ }^{\wedge}$ many /TKPWHRES count Ohio restaurant to cover conversation 19 ?
A. I have I know /EUZ prior if cover cover size ${ }^{\wedge}$ have ${ }^{\wedge}$ ever ${ }^{\wedge}$ every no idea.
Q. Oh /KPWAEU do you never /TPHEUDZ any
idea way opposed ${ }^{\wedge}$ oh ${ }^{\wedge}$ owe /SP-FRP guess
/TPHRAUPB in this /KPOES was face one?
A. I not fast one rent she were closed.
Q. Okay that /ST-S /STAEUZ stays /\#1-R your unflake restaurant were closes the gas one?
A. I /\#2340E9S yes /KPHROLGSed during fast one.
Q. Do you have any idea the guess /KPOUPB /OEL so rest sand during/TKPAS two?
A. I do not know I know /TPHAF during face 17 ran I am were all tack out I/TKOERPB what the guess mean I don't what is fast two play were allow to be reopened what is /PHREUPLed ${ }^{\wedge}$ system ${ }^{\wedge}$ sisters ${ }^{\wedge}$ sister sitting I have to did /PHEFPBL is numbers.
Q. /STKPWHREFRP?
Q. You don't know /PHR-FRP the grease count assume /ST-S face three correct?
A. /P-FRPBLGS.
A. November I I haven't looked that /T-TS
for /TPASZ have gas three /STKPHRAEUP say look plate the May information pray /STEU wore says
$/ \mathrm{KW}-G$ pore ${ }^{\wedge}$ system ${ }^{\wedge}$ sisters ${ }^{\wedge}$ sister correct /TPH-FRPBLG.
A. Mill mill for question you can answer.

## 1 THE WITNESS:

I don't any Ohio didn't
$\wedge$ differ ${ }^{\wedge}$ different ${ }^{\wedge}$ difference ${ }^{\wedge}$ difficult
/TK*EFRPBTS hey other restaurant in the city
have New Orleans and they /T*FR /RUPBLGs regular
place /STOEULG /PHREUPB toy a /TPWAOEUZ by and
/H-FRP I second other rest sand that I have
$/$ KROUP you ${ }^{\wedge}$ Monday ${ }^{\wedge}$ money /SOEUP name in this
very always in this day-to-day leery any that we
${ }^{\wedge}$ have ${ }^{\wedge}$ ever ${ }^{\wedge}$ every rules my people you can
have a not restaurant fine /STEU /AOB stays.
A.
Q. /AEU I
$\wedge$ differ ${ }^{\wedge}$ different ${ }^{\wedge}$ difference ${ }^{\wedge}$ difficult
then time /TKPWHR-FRP is that doctor stock in
this important to less at a race I/TAOEULGZ oil
oil to /KEL you is a high turn over railings I
pore pan consider that information /PHEUFR furious is a regular seen /SEBLGSZs and this may
insurance that zip mount the /KRELS says /HAEUS
very small turn over /TEU rate /HAEPLGS /P-FR
/SREFZ few people come I don't /PHRA*EUFR stitch
important there your in /TP-FP determination
/STAEUFPZ face opinion in this case knowledge
any what the /PORB and is that we /STPHRO*FR

30
sitting rules ruling will about how you can
^ am ^ many /STPAEU in a restaurant we have writ
I right rough Social Security /WREG /SEZ cope
${ }^{\wedge}$ been ${ }^{\wedge}$ be to people you can have in restaurant
/AEU any give earn time I that I /S-FRP key of
apply in this was the more so then turn over
rate because those rule as regluations were in
place tore can ${ }^{\wedge}$ have ${ }^{\wedge}$ ever ${ }^{\wedge}$ every employ in
this rest since /KOEUFR /SPHAEU restaurant. May
/STEU gone spy?
Q. /STOEUDZ pore /AEUZ consider that size
have the restaurant?
A. It is important pan to consider the size
have the religion ran when we have a remember
/STPREBGSs of two /TPW*EUFR percent or $50 \%$
occupancy that is make I on difference I mean.
Q. /EUZ /HRA*FRP /STKPWHREUZ rest /STAEPB
/TPHROEUG /STPHAOEUP cost /STPOEU /STKPHRO say of had /STEUFR /TKABLG?
Q. Any big did $/ \mathrm{OEP}^{\wedge} \mathrm{oh}^{\wedge}$ owe?
A. I was like /KWRAOEUT large what I
$\wedge$ be ${ }^{\wedge}$ been in it I remember just/WAUGing a
cost barge bar big room manufacture that are
walk bar /HREUFRPB said side in tables there an
here /STEU /KWAUG /STU by room say /SAOEUTSDZing
sit beg pad $\wedge$ oh $\wedge$ owe area.
Q. /HRO?
A. Were the oil $\wedge^{\wedge}$ oh $\wedge$ owe regular raise is a one drink.
A. We had drink and maybe 45 minute inform an hour.
Q. An I did do /PWHRE /STPHRAE restaurant besides court/KWRAUR saw back/PH-FRPBLG?
A. ${ }^{\wedge}$ Have ${ }^{\wedge}$ Of I have type I have been in
police yeah we have done sand down quite I
didn't think ^ have ^ ever ^ every /WEBG the
bath right/TKOEUPBLG redoing that.
Q. Yeah?
Q. Sit/HRAOER today foil your report $P$
$\wedge \mathrm{am} \wedge$ many you don't know nerve an /AEUFR gas
$/ \mathrm{OEB}{ }^{\wedge} \mathrm{oh}{ }^{\wedge}$ owe prior to lock down Tulane
/TKPEFP /STAELS playing /STEU /PHAOEUG plain rest?
A. Correct.
A. /PHAOEUF /STEU plan applying in this
relates man supply was /PROEUDZ /STAOEU inform
you to you /KOEF /STEU counsel?
Q. I/-T correct you did not me sit here
those plain in this make park saw there gist
/KOUPBL saw restaurant/AEU /PHAOEUR in this
applying in this /RAEG incorrect/EFRPL?
Q. /PHREUL any ask /-GSZ answer?
Q. Stay /KPOUPB I we have
^ public ^ publish I made /SEUPBLG suppose
$/$ STKPWHR*UFPBL /SOEUF ${ }^{\wedge}$ insure ${ }^{\wedge}$ interest ${ }^{\wedge}$ inch
/SKPWRO*EUFRPB /STKPAOEUG employ /STOEUG /OEUP
/\#34R*EU6R78 /STPAO*EUFRPZ /PHRAO*EUFRP
/STPHRAEUFRPB /SOEUG employment /SOEUG /PHRAOEUP
/STEULGS apply /STKEULG ever /*EUFRPB
/STKPAO*EUFRPBZ /PHRAOEUFRPZ /TKPWHRAEUFRPB
/STPEUFRP /PWHROEUPB /TKPWHEULS /KWOUPB saw employ?
A. Right/ROEU sign laying stow/PHROEUG
/SES /WHROEUPB /SOUSZ /PHOEUPBT /EFRPBLG I do not the /TKPWEUSZ count.
Q. Okay /-FRP?
Q. /STPHRAO /O*EUFRPBLGSDZ /STPA
/*EUFRPBGSDZ /TPHRO*/STA*EUFRPBDZ
/TPHRAOEUFRPBL /STOEUFRPL/TPHRAEUPB /STEU
/PHRAOG /KWOEUPB /SOEUS stone /STKPWHR-FRPBS yes
/OER no you do not ${ }^{\wedge}$ noticed ${ }^{\wedge}$ notice ${ }^{\wedge}$ notify
the size of Ohio?
A. /PHEULG/PHEULG plain/STEU /PHRAOG
square /TPAOLGS /AEU /TPHRAOEUPB give sag apply
skiing /STPHREU /HEPZ /SHEPBLZ in this /SHEURB
/SHERB Ohio rest ran I/TPHR-TS /PHRAEUFR
$/$ WRAOEUBG line in this ${ }^{\wedge}$ have ${ }^{\wedge}$ ever ${ }^{\wedge}$ every no be given a more plan ^ risk $\wedge$ risks ${ }^{\wedge}$ wrist
/SEPZ/PHRO.
Q. You?
Q. Stay familiar any either correct?
A. I do /TPH-TSDZ ask for that.
Q.
Q. Your /STPAOEUFRZ/STPHOEUFR employee tagging about any /STEU fray train/PEULGS
correct?
A. Correct.
Q. /STKPWHR-FRP?
Q. /TKPWHR-FR okay.
Q. What is your opinion on whether or not cover can you spread apply touching surface?
A. P.
A.
A. We do $\wedge$ noticed ${ }^{\wedge}$ notice ${ }^{\wedge}$ notify have a doned cases ${ }^{\wedge}$ have ${ }^{\wedge}$ of a said severe a type /EUGS right now currently ${ }^{\wedge}$ have ${ }^{\wedge}$ of a support /STPEU /WRAOEUFP even eye said of case case that ${ }^{\wedge}$ have ${ }^{\wedge}$ of contact surface train /STKEUGS some /KO*FRP conversation blame France I we have seen I with other /SRUR us we if I the /SRUR us
/SRUFP /STAS corn /KPOPB are /HAOEUFLlys /TPRAPB /STEU play side surfaces we /TPHOUFRP saw nor in this /WAOG preached she /WAOG I main /TPRAOEUPBL $\wedge$ system ^ sisters ^ sister surface Social Security.
A. /WHRAEU of said is Florida we know
/WHRAOEU done ${ }^{\wedge}$ have ^ of a case's right now /PWHRAEU just ${ }^{\wedge}$ have ${ }^{\wedge}$ of a good understanding /-FRP /STPEU clean play /SUL employ prevent I am from /STPAOGZ nor nor ${ }^{\wedge}$ core ${ }^{\wedge}$ court /KPORPB $\wedge$ condition ^ couldn't /PHRUL suffer clean.
Q. /STKPW-DZ?
Q. I/TKOEUFR /STA /TPHAOEUPBZ in this /HRALGS Florida /SAUZ mean /S-G clean?
A. We don't no have any documented case.
Q. Size /STAOEU sag like?
A. Side.
Q. My steer documented cases /WRAOEU now
stow /PRAEUP in this transmission ${ }^{\wedge}$ have ${ }^{\wedge}$ of
conversation cover /SAR /SAR cover conversation
two from that doctor line May of /TEU said is we know idea other /SKREUS your us /SAO*FR issue.
So we ${ }^{\wedge}$ condition $\wedge$ couldn't toy clean I as a mid gauge sent /PHRAUZ in this don't have /AOEUFR /STPHOEUPB say miles
${ }^{\wedge}$ system ${ }^{\wedge}$ sisters ${ }^{\wedge}$ sister right now?
A. Key cleaning because I/KAOEUG/WROELG
zip waist in this two /-FRP stow we don't no.
We in this ${ }^{\wedge}$ condition ${ }^{\wedge}$ couldn't /SOU do what
need to do /STPOEU prevent train/PHREGS
${ }^{\wedge}$ have ${ }^{\wedge}$ of that virus just /PHRAOEUBLG I would
stow nor $/ W R E U R \wedge$ system ${ }^{\wedge}$ sisters ${ }^{\wedge}$ sister
$\wedge$ core ${ }^{\wedge}$ court corn /PWRER /SES influence /ESZ.
Q. Play /STEUFPL see Friday egg to do near
pig son /PHREUPL in this /KAEULGTS?
Q. May in this certain sell studies kind
/STEU cover cover something please on /STER
/SRAUTS little ' 72 hours /PHOPBG of creep?
A. /PEUFRPBLG /STPHAOEUFRPL /PHREUPBLT /PHREULG establish /PHRAOEUFL /STPWHRAOEUFRP /STAOEUFRP /KPAOEULGS ${ }^{\wedge}$ insure ${ }^{\wedge}$ interest ${ }^{\wedge}$ inch so train /STPEUGS /TPHRAEU /STEU /STPHOEP ask you different question /PHRA is time /STPHA not asked her.
Q. I preceding from reported and I just trying the something in this report satisfy first sent than that although transmission of if start /SAR cover /\#2U67 coupling certain saws /SREUR /SOEUS then /KOULTZ /STU note /PHOULTSDZ /STEUZ my /STEU possibility /TPRAPB /PEUGS
/PWHROU saw certain fast no /-TS /SRAUS main way
/T-FP virus so you would a /TPWHRAOEZ police the
/STER /SHREU studies proven spine /TEUFR stage
data in general soing this virus can be
transmitted on the touching the surface right?
A.
A. Incorrect. With that statement is that

CDC there quotes and what I have an are/RAOEB
studies about this virus an /PHRAB remember
spine /STAOEULG/KPWAOEP /ST-LGS 72 hours. We
all ^ have ^ ever ^ every /STKUZ estate lay
/STPHRAOEUFRPBLGTZ /STEUFR /PWHRAOEUG so /PWHRAOEUFRP /STKPEUFRP /PHRAOEUFRP /STPOEUFP
/TPAOEU /STPAOUPB /PHRAOEUFRPB /STEUFR
/PHRAOEUPBLG /STEU /PHRA /STKPWRAEUFRPBLG
/STPAOEUFR /STAOEU employment/STKPWHREUFRPB
/STPAEUFRPZ /TPHRAOEUFRPZ /PHRA is /PRAERBS sy
/SKPWAEUG etiology /PWHRAO I.
Q. /STPHOEUFR /STOEUFRP soil/THRAO*EFR
/STKPWHREUP /SOEUFRPBZ /STAEUFRP
${ }^{\wedge}$ noticed ${ }^{\wedge}$ notice ${ }^{\wedge}$ notify I've /STOEUFR
/STPOEUPB don'ts cases /SAEUFR frame /PHREULGS
/EUGS /PHRA /STEU any sir us that size touch ago
surface is keen people in this avenue /PHRAEUB
remember /STPOUTSZ session shown/PHRA is in sir
us can be in fact ' 72 hours plate per but that is laboratory setting?
Q. I set nothing if statement as being blue
sure /TPAEUGS and restaurant or Hebert our a my
house /SOER /TKPWROR estate I am sorry play is
/AEU vast apply different condition then it
would be in a laboratory with had you /PHEUZ I
$\wedge$ ten $\wedge$ tend remember I'ving a /STWROUR control
involve in this /SP-FP /TPHABS /WREU is
$\wedge$ advise ${ }^{\wedge}$ vice ${ }^{\wedge}$ advice in this provide on?
Q.
Q. Are a /EUFRZ was I studies Florida
/STEUFR any time /EUFR even are
${ }^{\wedge}$ system ${ }^{\wedge}$ sisters ${ }^{\wedge}$ sister showing that the
/STPWRAOEURs /TWOTS bring she sures /STPHRAEU work people?
A.
A. /SEUFRP /STAOEU's inform I /TPHRAEU un.
Q. Say say flag there are study showing
that the /SREUR /SES can last on ob $f$ in
/TPROELG setting seven the source you or longer correct?
A. /P-FRPBLG.
A. In /STAOEU cases it habit some only
/STEU may /STEU /PHR-G sound /KOULG saw /STOG

38
/SKWROEUB /SES my Social Security map in this nothing sour /STU /PHRAOEUP /TPHROEUPBG in this manage /STPWROEU /S-LGSZ oil /S-G /PHRO*EUFR long box zip me $/$ STKOG $^{\wedge}$ have ${ }^{\wedge}$ of two sos.
Q. Say un/PHRA yes Mike there is report flaw saw /TPHR-G test
$\wedge$ noticed ${ }^{\wedge}$ notice ${ }^{\wedge}$ notify today /PHRAEUFRP
/STEU woke main in this trial /PHRA saw trying
to do is /STAEUL $\wedge ~ a m ~ \wedge ~ m a n y ~ m a y ~ j u d g e ~ t h i s ~ i s ~$
test were you controlling even /SR-PBL
$\wedge$ many ${ }^{\wedge}$ much $\wedge$ am right and /STOEPLZ there
rules really I did front a results /STWAOE
correct /PHREULT /STEU /TPWHOEUR?
A.
A. Correct.
A.
A. /SAEUF sniff down play fill /PHRAEG
/STEU /STPHAUSZ exhibit blame /STEU studies stain /PHAOEUG control
${ }^{\wedge}$ insure ${ }^{\wedge}$ interest ${ }^{\wedge}$ inch comment stint please
bone in any real word correct you /WHRO doing.
A. No what I trying the tell you we have no cases where people touched the surgeries /TPWOS did /TKOEPBL /PHRA /STKPWAO /EUZ /SOEUFR
/KPWAEUS's Florida say been proven.
Q.
Q. I/STOEUG plain?
Q. /PHROUFP /STU ^ have ${ }^{\wedge}$ ever ${ }^{\wedge}$ every in any studies that is /KPOUR un/KPOEPB really $/$ WORLG ${ }^{\wedge}$ noticed ${ }^{\wedge}$ notice ${ }^{\wedge}$ notify /TPROLGed even /SROEPB employing /S-G virus is not present plate the share?
A. We have studies that present sent we
/PROEUP in this went the studies way /WHAOEU
sore viral found we oil /WOEG in this were study
/HAEUS way morning in this false I having logged
/HRO*FRZ the week /STPHOEUPB /STEU /PWRE /ST-S
/SPREUR us we've have an other studies Florida in this really/WORLG that know /ST-S versus is not there.
Q. We have studies Florida shown that the virus is therefore an places like a hospital where know we have known COVID patients a lot $\wedge$ have ${ }^{\wedge}$ ever ${ }^{\wedge}$ every them we have a/TPHEPBL vent /TEU plate or west ${ }^{\wedge}$ have ${ }^{\wedge}$ ever ${ }^{\wedge}$ every able inform find in that word way also fine if I in /PHRAULG out spy ward we $\wedge$ have ${ }^{\wedge}$ ever $\wedge$ every ability find in if farm see but you do not ${ }^{\wedge}$ have ${ }^{\wedge}$ of a /ST-Z's right /TPHOUZ there really world that stays person A
touched the bout only relate /STPE /TPOUFP
Tulane table or /TPOUFPed the toy let handle and may was so can you /STKOFR?
Q. What is studies do mentioned the study /TPHRAEUS is shown that /TPHROTS there what is studies Florida have those?
A. Had.
A. So there a paper came future right today complain out after thief was recommend was done there always one Florida /STEU done quantity by room face show I think /STAOEU any /PHAOEUFR a couple eligible /STUSDZ say combine just not there.
A. We ton why not there ${ }^{\wedge} \mathrm{am}^{\wedge}$ many we not there.
Q. Say spud things it was there correct
/TPH-FRPBLG we have /PHRAB remember study things
/STAEUL wise size this thing a /PHREUFRZ well
know an I've will wise /TPHREULG /STEU there fact /STPAEUP apply /STAOEUG /WROEB sy condition that /STEU ago say /HRATSD ER?
Q.
Q. Right ${ }^{\wedge}$ noticed ${ }^{\wedge}$ notice ${ }^{\wedge}$ notify third
line /STPHROEUPB /PROEUB /STEU page /SEPBL E
transmission virus /WAU /RAOEUZ in this sure
/TPAEUTS of an ob f . What you line virus reside surface /P-FRPBLGS?
A.
A. So here thousand that typical happen
will whether I think about if /TPHAEUPB /STEU
usual transmission /STAOEU two main cams that
surfaces P get $\wedge$ condition ${ }^{\wedge}$ couldn't table at
one is what call saw me /S-G /WROEU /TPRAPB in
this week sy /TPWAEUPL mine /RAEUFRP /S-GS nine
/TPOUFRP saw /SRAELG or go I Florida some some
place sick nor aver us train anything may
happens in ${ }^{\wedge}$ crews ${ }^{\wedge}$ cruise /SPHAOEUP in this
found /SPRAELG so bind apply /STEU /TPHRAOEURS
/STEUZ /ST*EFRP /-LGZ plum /STUGTS we /PHEUFRB
/STEU /TKPWOBG /PHAEFRP stiff line /PREPB /STAES
into stain my /STAEUFR one way inform you any
plaintiff the is /TKRAPB mention.
Q. Other /WAEUP is Florida /KEUP mail
/TPHRUZ stuff /TPROEP /STEU /TPRAEUG /EGS and
that is not figure /KPAELG /PWHRAULG /STU line
/STEU /KOUFRP knees you may /KOUFRP /TKPWREB
high to it I may sneeze /TKPWREBG my in this
/KWAOG stint in this /WAOG /STPHOEUPB surface.
Florida is other way can tin call apply /STEU
/TPHRAEU /TPRAPB application?
Q.
Q. /SKWRAOEUR us get that /TPWAULGTSZ /STPHREUB /HALGS ever touch that sure face or play the /STAUR face birth I an playing /STEU /POG normal /AEU knowing /SREURS I there /AEU intact /PHRO the sure /TPAEUTS?
Q. So /-FRP in exhibit same that would be /PEUFR classic /AEB she would she know sy motel /TPRAPB /STEU knowing would be really so get cleaned?
Q. Plain in this exhibit satisfy restaurant if somebody has virus is plea they restaurant now do you go $/ \mathrm{PW}-\mathrm{FRP}{ }^{\wedge}$ insure ${ }^{\wedge}$ interest ${ }^{\wedge}$ inch sure Social Security next/PHAEULS I not /STPHOS ${ }^{\wedge}$ have ${ }^{\wedge}$ ever ${ }^{\wedge}$ every exposure to /KPOPB table atted objects?
A. So it pretty /SEUPBL police and I nurse sack go to face /STEU crack in general could use the $/ * E F P$ A register etch clear tone wine that table ${ }^{\wedge}$ noticed ${ }^{\wedge}$ notice ${ }^{\wedge}$ notify sure face down. Florida /STP in what I remember /TPRAOEURS in is there is final cleaning eligible bowl /TKPWROEU E grease /TPHOEUB /STPHOEULG week eligible inform sy grease all time and in /PHOEFP quality action that I
handing will or of wiping or we cleaning that drives the /KRAOEPBing in /STPRAOEUR as name /ST-G virus to /PRO /TPAOEPB steel outside break down /PHROEPBLG sy pain.
Q. I case?
Q. And America /STPA I am sit down maybe cost you Tulane hand foil ${ }^{\wedge}$ have ${ }^{\wedge}$ ever ${ }^{\wedge}$ every $\wedge$ been ${ }^{\wedge}$ be are that is say method enemas to be done?
A. Right minute them and we
$\wedge$ have ${ }^{\wedge}$ ever ${ }^{\wedge}$ every all /PHAOEUG in this /KW-G /PWHAEUP in this /REPBL ago things like no $/$ STHAEURB ${ }^{\wedge}$ condition ${ }^{\wedge}$ couldn't ${ }^{\wedge}$ dean ${ }^{\wedge}$ dent know soft I pain /STEU /SPHAEB Social Security to tail.
A. No /WOEPB she university you work with of /KWOEPB /STAOEUPBZ /PHAOEUP ${ }^{\wedge}$ signature ${ }^{\wedge}$ significant ${ }^{\wedge}$ significance ${ }^{\wedge}$ signify ${ }^{\wedge}$ noticed ${ }^{\wedge}$ notice ${ }^{\wedge}$ notify line /SEULZ doing plain /STEU /KPAOG I /PHRA*FR in this line is fan /ST-S you give people that we tote ago /KOPBL /WHAOEUFLZ in this stuff down of size kind in this /TAPLG /STEU sure stays get to go /TKPWHREFR.
Q. Okay I had ever plain /STAOEU spines 10
thousand people and in a /HRAURGS calf your course ${ }^{\wedge}$ have ${ }^{\wedge}$ of four hours there are flow case estate apply rule ${ }^{\wedge}$ have ${ }^{\wedge}$ of that /PRAEUPB /PHEULGS?
Q.
Q. /SKPAOEU size rest /PRAPB eating their contain at the /OBGTS you could $\wedge$ condition ${ }^{\wedge}$ couldn't I've the /KPHRAOERPB up day every time right?
A. Correct even /KWROEPB while nil /SOFRPBLG we /SEUFRPL recommendation is an I really honest with you for food safety perspective if you have customer there he the /STPHAO done /AOEULD ${ }^{\wedge}$ been ${ }^{\wedge}$ be /WROEU food /AEPB /STESZ wining Florida table over nothing ${ }^{\wedge}$ noticed ${ }^{\wedge}$ notice ${ }^{\wedge}$ notify do /SARs cover $/ \mathrm{KPOFR} / \mathrm{SPHAEUing}$ police ${ }^{\wedge}$ toes ${ }^{\wedge}$ tows with the general hygiene P and present /SREFRPBs of other fast /TEU /SPHRAEU nor nor /STKPAEUFLZ I corn /KOFPB vary says apply /KW-G in this /PHOEUBG sy ${ }^{\wedge}$ core ${ }^{\wedge}$ court I pry until cover cover two say /KPHROEPB flag surfaces.
Q. /STKAOEUTZ there /STAUR Social Security down /STPHRAO*EUPBLG move on?
Q. Is a wear doctor that more people coming
eithering the /PHRAEULS restaurant is nine in
this ^ condition ^ couldn't /STAEUL /STPHRAEU /PHRAOUP clean I have time?
A. /KWRAOEUBG in this for question.
A. /P-FRPBLGS I go tell what I said earlier
that I have a complaint right now Florida major
university that has kinding haul fighting unto
10 thousand people ${ }^{\wedge}$ have ${ }^{\wedge}$ ever ${ }^{\wedge}$ every four
hour course of the day. Wine ${ }^{\wedge}$ been ${ }^{\wedge}$ be table
in this /TKPWORPB all wiping applying /STEUGS
setting a make it safe /AEU will cleaning behind
each /TPABL /PAF /TEF kids get under the
/TPAEUPBL/TEU get unon you /KWOEUG in this get
up /PHRAOEUP hang wipe the surfaces that is
/STAEUFP apply safety any /SEUFRPZ knowing
/WRAOEUPB /TKEULGZ ${ }^{\wedge}$ have ${ }^{\wedge}$ ever ${ }^{\wedge}$ every
/TPHAOEUFZ person ${ }^{\wedge}$ any way ${ }^{\wedge}$ anyway /SKWRA.
Q. /KPWAO*EUFRPZ /STEUFRZ wife knowledge I
don't correct ${ }^{\wedge}$ have ${ }^{\wedge}$ ever ${ }^{\wedge}$ every time /TPOEP
college any /KPWOEUPB /TPHRAEUFPB /KOEPBL will
in name /STEU continue /OUSZ contain /STAEULS
correct /PHREULG mill for yes stay/PHAOEUG in
this not /STKPREUDZ /STAOERPB /STAEUF still
${ }^{\wedge}$ have ${ }^{\wedge}$ ever ${ }^{\wedge}$ every is a /STPHAOEUPZ rest
/STKAEGS line toy cover conversation 19 ?

## 46

Q. /STAEUZ general question make /PHEULGS
size /PHRAOEULGZ /KWOELGS?
Q. In't asking if people are coming in yes
ran because eating the restaurant you have to
continue to clean little ${ }^{\wedge}$ have ${ }^{\wedge}$ ever ${ }^{\wedge}$ every
surgeries /TPWHRAOEUPB correct?
A. /P-FRPBLG.
A. You /STEU side /KPOG /HRA*EFR in this
/STERs ${ }^{\wedge}$ any way ${ }^{\wedge}$ anyway because that is
/PHAOUR saw came ${ }^{\wedge}$ have ${ }^{\wedge}$ of Louisiana sit /EUZ
normal health ${ }^{\wedge}$ dean ${ }^{\wedge}$ dent kind still /KWAOEG
/WAOEUFRPing I've /TPHRERPB /STPE Mike /STEU rest /HRAOPB.
A. /TPHRAOEUF /STEU mean /SES customer.
Q.
Q. /EUFRP life /S-G not doing /TPHEUDZ
different an all same place there are coast I
were all /STEUPBDZ /PHRAEUFRP /STEU nothing
${ }^{\wedge}$ signature ${ }^{\wedge}$ significant ${ }^{\wedge}$ significance ${ }^{\wedge}$
signify flame in this work anyone in this wises
that stage ${ }^{\wedge}$ am ${ }^{\wedge}$ many being customer tone ER
/STKPWHR-FP have you make /STEU account number
of people go there $/ \mathrm{OEF}^{\wedge}{ }^{\circ} \mathrm{oh}^{\wedge}$ owe specific
/TPHRAEU pint I can I supply /TPHROEUFRZ
/TPHROEBG coin spine /STPHAEUing /KA estate made
into is companies /ST-S /PHOEUG in this /PHRA
/EUZ so /PHRAOEUPZ I hid serve none ${ }^{\wedge}$ have ${ }^{\wedge}$ of people that/KOPBL anything yes /PRAEPB in this $\wedge$ condition ${ }^{\wedge}$ couldn't table ate?
A. Correct.
A. /P-FRPBLG.
A. I flow they are I deed no do that
because what you should ${ }^{\wedge}$ be ${ }^{\wedge}$ been doing a
/TPHAOEUPZ best practice guideline wife stiff
nephew person play/STEU new doing a food safety
perspective in /KULS ton ${ }^{\wedge}$ any way ${ }^{\wedge}$ anyway.
Q. /SHAEU in is nerve is not an enzyme
$\wedge$ am ${ }^{\wedge}$ many /STPHOEU /KPHRAOERPBing for that in /ST-Rs are ran September estate is a /TPHRAEUPB you doing that/PHAOEUPBL/STEU/KOUBSZ so no matter what have the cover conversation /PROEFRP /STEUS /PHAOELZ /PHRAUR hose March?
Q. Say like result /WAU E partners in ray
ray ${ }^{\wedge}$ have ${ }^{\wedge}$ of provide all ${ }^{\wedge}$ have ${ }^{\wedge}$ of into
different audits also /EUFRP /KPWHR*EUFRP smoke
/STPOUPBL usual /STAOEU I inform ${ }^{\wedge}$ have ${ }^{\wedge}$ of /STPHROEUPB correct?
A. /TOEUZ /TPHRAEUPB I look /TEU report I /KA then answer.
Q.
Q.
Q. Okay.
Q. You can't say ray so /ERT E but okay /-FRP ${ }^{\wedge}$ noticed ${ }^{\wedge}$ notice ${ }^{\wedge}$ notify I redrink /STEU then that spill /SAR is a's?
Q. Okay you do have /STKPWHREURPBL
/STPHRAEUFRP /PREUs /TPOEU that extra staff itch line give different ton the spread?
A.
A. Yes, sir and there are extra /STAEFR I
have do /TPHAOEUZ ${ }^{\wedge}$ have ${ }^{\wedge}$ of to increase might estate you would have use the EPA /PRO over cleaner you have to.

## Q. Pray fast /PHALGSs /STAEUB play pry

/ST-S /PHRAEULG /PHALTS /STAOEU face wage
/PRAOEUP in this prior raise /STEU tame any /SOG
/PHRA ${ }^{\wedge}$ ease ${ }^{\wedge}$ east knowledge apply /STEULGTS back my not ${ }^{\wedge}$ ease ${ }^{\wedge}$ east?
Q. Stay play is general earn good practice
in general right now?
Q. Okay?
A. Is?
Q. Say a /TKPWRAOEFRPZ gynecology cover

December acknowledge in this flag in this work
are /PWR-G /STEU un/TO*R /PHRAB /TPWHRAOEUB
${ }^{\wedge}$ system ${ }^{\wedge}$ sisters ${ }^{\wedge}$ sister shown /STKPWA
/EUFRPBLDZ /TPHRAO /EUFRP is /TPHAOEUFRP
$\wedge$ insure ${ }^{\wedge}$ interest ${ }^{\wedge}$ inch /OEUFRPBLG correct
/EFPLTS?
Q. /SKPWRERPBLG I/SKO
${ }^{\wedge}$ have ${ }^{\wedge}$ ever ${ }^{\wedge}$ every inform mill mill /AOBs
/WOEULD COVID /\#1*R9 say /PWHAES in this
/\#123EU8D /STPHOEUPLT /STPHR-G state /PHRA
Louisiana recommendation Florida I yes /STES
/WROEUPB /STEU /TPROLG /PHR*E sents
recommendation are other exhibit /TKRA
$\wedge$ stipulation ${ }^{\wedge}$ stipulate /-LS that in /STER
${ }^{\wedge}$ advise ${ }^{\wedge}$ vice ${ }^{\wedge}$ advice /STPHAEBLG stability
/TPHAOEUL doing to main /TPHAEUPB the /STAEUFT I
/TWHAOEULG /STEUZ cows then /*ERP?
Q. /STAOEUFRP Page 8 run /PWROEUFRPB asked tore definition of /T-FRPS damage /KREUBGS if I
am wrong but in my then stage defendanting a
damage is something basically can not
$\wedge$ be ${ }^{\wedge}$ been restored completely to its ordinary
use is that correct?
A. /PHREUL mill to be refer told /KPOEUPB
clean /KPOEULGS can you can answer.
THE WITNESS:
My I don't even addressed the issue
/TKAFPL always at /TPHAOEUZ report I I look page
$\mathrm{I}^{\wedge}$ dean ${ }^{\wedge}$ dent she on about damage I can't
/TPHAOEUG /STEU /EB /AEL ${ }^{\wedge}$ have ${ }^{\wedge}$ of there
damage tank being supply /S-FR /WROEUPB
/STPEUFRP nine side /TPHOUPB /THARPB /STAOEU /PHAOG get off.
Q. And /KPEU /AEUPBZ is damage?
Q. /TPHRAOEUFRPTZ /STPAEUFRPZ no /TP-TS
name statement was since before my/KPHAOEULGD
took the if /KPHARP I an /PHRAOULGS is do
homework?
Q. E okay?
Q. In a situation ER when you daughter buy
the sharp I /HROEPBL work his believe that /SP
damage in?
A. My tag is my damaging able I over a
black sharp I mark /OER my it.
Q. Do you even if with dead gnaw pitch I
haven't I serve a suggestion my /PHRELS know
/WAU I try ${ }^{\wedge}$ have ${ }^{\wedge}$ ever ${ }^{\wedge}$ every mom trip I know
I am /KPHRUDZing manage in this /REURB as a not
coming right now?
Q. All right. The last sentence on Page 8
you say "finally modeling studies have" shown --
"have demonstrated that cleaning with an
appropriate cleaner can reduce the risk of fomite transmission to baseline." Correct?
A. Yes.
Q. All right. And you use the word
"reduce" there. Doesn't eliminate it, right?
It just -- it's just reducing the spread. There is -- again, you don't know anything that can completely eliminate the virus, correct?
A. We don't measure the virus. Now, there are studies and I mention the De Clemente study that just recently came out that shows that it's just not there after appropriate cleaning. And if we use the idea that we can't get rid of the virus then we would have to throw every ventilator away. We would have to throw away every hospital bed. We would have to throw things -- anything that came in contact with a known -- a known case and especially in a healthcare setting. So to me I can't say there is not one protocol or one virion on that surface but what I can say is -- and we don't know if it's intact or not because we are not doing those studies, but like De Clemente went back after cleaning and then swabbed and didn't find it anymore. So --
Q. Let me -- let me just stop you there.

It's your testimony today that you haven't done any studies to show whether or not it's intact or not?
A. I -- I -- can you --

MR. MILLER:
Objection to the form.
THE WITNESS:
-- repeat the question because I
don't understand it.
MR. SHERMAN:
You just said you haven't done any
studies to see whether or not the virus is intact, correct?

## THE WITNESS:

What I am saying is we haven't -when we -- when we J.S. Held -- when we go and monitor for this we are looking for a surrogate marker, that we are not looking for the virus itself. There are studies that have been done where they have looked for whether that presence of virus or not and they're not finding it after -- after appropriate cleaning. They're not finding the virus present.
EXAMINATION BY MR. SHERMAN:
Q. Okay. So in your Sharpie example you don't know of any way to break the bonds in the trans -- of the transformation between the Sharpie and the table?
A. I'm not even sure it's a -- I would call ink a real bond but I don't know how to get the Sharpie off my table and I'm not thinking about it in terms of an ionic or covalent bond. I'm thinking about it in terms of there is Sharpie ink on my really expensive dining room table.
Q. Okay. Why did you apply the Bradford Hill study to this case?
A. I always try to use Bradford Hill when I can as much as I can. It's an accepted practice --
Q. Correct.
A. -- in epidemiology. We are -- we are changing some of it but that is we tend to try to use. But we look at it in terms of causation -- general causation. I always try to assess for that general causation model.
Q. Okay. But what -- what were you trying to do in this case? What was the point of applying the Bradford Hill model to this case?
A. Well, if you think about it there are
allowing restaurants to be open?
Q. Okay. Anything else besides your focus on whether or not the virus is on the surface and whether or not Dr. Moye is exaggerating the dangers of COVID-19 which you've signed a letter talking about how it's a deadly transmission but nevertheless anything else that you have opined on in your --
pieces here that I would use from Bradford Hill no matter what. And if you go back to Page 2 of my report and -- I think it's two. Sorry. It's Page 3 where I list out the criteria. I mean I want to look at the literature for strength of association. I want to look at whether the literature is consistent. I want to look at whether it's specific. What do we know that is specific to surfaces for this literature.
Q. Okay.
A. We want to know if there is temporality of when that -- on an epidemiological study whether it's there or not or even in industrial hygiene study we want to look at those. So there are principles that I am going to apply every time I look at a piece of scientific literature.
Q. Is it fair to say that your main focus and your opinions really just relate to whether or not this virus is on the surface? Is that fair to say?
A. I think that is part of my opinions but part of my opinions also on this are if it was as dangerous and deleterious as Dr. Moye makes it out then why is the City of New Orleans
effective cleaning.
Q. I mean --
A. (Indicating) --
Q. -- you've testified earlier that you may
look at damage. Damage is not mentioned in your report. You need to find -- you're looking at whether or not the property -- the -- the virus could be on the surface. You've already talked and testified that you weren't looking at damage.
A. Right. And what I'm saying is --

MR. MILLER:
I don't think --
THE WITNESS:
-- I wanted to know whether there are appropriate mitigation strategies for this virus. Two, is that virus still going to be on the surface after cleaning? And, three, are there appropriate mitigation strategies that allow restaurants to open safely and there are. We know that there are.

MR. SHERMAN:
Okay. So why did you need Bradford Hill for that?

THE WITNESS:

I always use Bradford Hill. And as
I mentioned I'm a scientist. This is -- these are the things that we use. This is the easiest framework for us to use.
EXAMINATION BY MR. SHERMAN:
Q. All right. I'm going to pull up Exhibit 5. Are you aware of the October 29th, 2020 CDC Considerations For Restaurant and Bars Report?
A. Yes. Can you make it bigger because I really can't see that and I -- I don't want to open Google.
Q. All right. This is -- this, what, 13
days ago that this report came out, correct?
A. Yes.
Q. And you're familiar with this report?
A. Yes.
Q. Okay. And under the guiding principles to keep in mind the CDC has stated that onsite dining with both indoor and outdoor seating, seating capacity reduced to allow tables to spread at least six feet apart is an even -- it falls under the even more risk category, correct?
A. Yes.
Q. Okay. And then it goes on at the bottom
cleaning and disinfection are important principles that are covered in this document. And unfortunately there are a number of actions operators of restaurants and bars can take to help lower the risk of COVID-19 exposure and its spread."

So what CDC is saying, yes. Is fomite transmission potentially possible? Yes. We
don't have any cases of it but it could be
possible so we have effective prevention measures including this infection that you should be doing to prevent the spread.
Q. Okay. So you agree --
A. And that's not --
Q. -- the CDC --
A. -- anything different than I've said all along.
Q. All right. So you agree with this report?
A. I've said it even in my report. I quote

CDC. I say we don't have any cases of it. We know that it can exist in a laboratory environment. We're not finding it in other locations but we are not ruling it out because we are scientists and scientists don't rule
to say on the next paragraph "COVID-19 is mostly spread by respiratory droplets released when people talk, cough, or sneeze. It is thought that the virus may spread to hands from a contaminated surface and then to the nose and mouth causing infection." Correct?
A. That is the same statement CDC has made and I quote in my report.
Q. Okay. So on October of 29th of 2020 the CDC is still issuing -- and this is specific to restaurants and bars, correct?
A. Correct.
Q. And the CDC is the agency that you said we should rely on. They are still giving out principles to keep in mind that it's thought that the virus may spread to hands from a contaminated surface and enter the nose, mouth causing infection, correct?
A. What CDC has been saying all along and they've not stopped saying is that there could be a risk. We don't have any cases right now but there could be a risk. And then if you read the next line that says "therefore a personal prevention practices such as handwashing or staying at home when sick, and environmental
things out unless we have completely proven evidence that it's not going to happen.
Q. When the -- when a -- when a property such as a table in a restaurant is contaminated with the virus, okay, that can happen, correct? That is what we've been talking about.
A. If I were COVID positive and I sneezed on the table I am sure and if you -- and if I were in that I -- let's just say I started feeling bad that day I would be in my highly infectious stage. I can probably have it on the table but there is an appropriate and effective mitigation strategy to fix it which is I come behind as the restaurant worker and clean that table after the person has left.
Q. Okay. Because that table cannot be used until it is repaired or restored or remediated, right? Nobody -- you can't let somebody else come in and sit down there because they -- then that would spread to them, correct?

MR. MILLER:
Objection to the --
THE WITNESS:
I don't --
MR. MILLER:

| 61 |  |  | 63 |
| :---: | :---: | :---: | :---: |
| 1 | -- form. | mouth or their eye and gotten sick from this |  |
| 2 | THE WITNESS: | 2 virus. So what do we do to make sure because we |  |
| 3 | Sorry, Allen. | don't have the cases right now but it doesn't |  |
| 4 | MR. SHERMAN: | 4 | mean we couldn't have those cases in December of |
| 5 | You -- you -- |  | 2020 we wipe that surface down with an EPA |
|  | MR. MILLER: | 6 | approved -- an EPA approved cleaner for that |
| 7 | No, you can answer. |  |  |
| 8 | MR. SHERMAN: | 8 | Q. I'm going to keep asking the question until you answer it, Doctor. And you can say I |
| 9 | You can answer. | 9 |  |
| 10 | THE WITNESS: | 10 | can't -- I can't answer either way but do you |
| 11 | I -- I'm just going to say we don't | 11 | believe in my example that that table is |
| 12 | think it would spread to them. It could be a | 12 | contaminated? |
|  | risk. We have effective mitigation strategy | 13 | A. I can't answer that either way. |
|  | that we wipe that table down in between people. | 14 | Q. Okay. |
| 15 | And frankly if they're not doing that in between | 15 |  |
| 16 | people pre-COVID than that is just kind of gross | 16 | been answering which is follow best practices. |
| 17 | because food safety standards are you should | 17 | Q. Okay. So if Dr. Moye gets up at trial |
|  | wipe the table down in between customers. | 18 | and says that table is contaminated based on |
| 19 | EXAMINATION BY MR. SHERMAN: | 19 | this, this, and this you can't say it's not |
| 20 | Q. Dr. Stock, as we sit here today as | 20 | contaminated, correct? |
|  | Lloyd's of London expert in epidemiology and | 21 | MR. MILLER: |
|  | toxicology do you believe that that table is | 22 | Objection to the form of the |
|  | contaminated and can spread the virus without it | 23 | question. |
| 24 | being cleaned? Do you Dr. Stock believe? Yes | 24 | THE WITNESS: |
| 25 | or no? | 25 | What I am going to say is -- |
|  | 62 |  | 64 |
| 1 | A. What I believe is that there is an | 1 | MR. SHERMAN: |
|  | appropriate mitigation strategy that has been | 2 | (Inaudible) you -- |
| 3 | published by every public major public health | 3 | THE WITNESS: |
| 4 | agency in the universe so far that says one of | 4 | -- we have an effective strategy to |
|  | the best things we can do to mitigate spread is | 5 | deal with that contamination and that is all I'm |
|  | to increase cleaning. So if you have had a | 6 | going to tell you. That -- that's it. |
|  | customer who comes in, behind that customer you | 7 | EXAMINATION BY MR. SHERMAN: |
| 8 | should be wiping down that table and | 8 | Q. Okay. I get that. You got to |
| 9 | disinfecting the space. | 9 | continuously -- |
| 10 | Q. Okay. | 10 | A. Dr. Moye can't say -- |
| 11 | A. That is -- that is $100 \%$ what I'm going | 11 | Q. -- clean up -- |
| 12 | to tell you and that is what I believe. | 12 | A. -- one way or another. |
| 13 | Q. And I understand that you believe -- | 13 | Q. I get it. Look, your testimony about |
| 14 | we're on the same page. It's got to be cleaned | 14 | these continuous remediation measures and all of |
| 15 | after that. That's not my question. My | 15 | this I -- I like that. That is our point that |
| 16 | question is, is that table contaminated with the | 16 | you have to continuously remediate because there |
|  | virus so that it can spread to the next person | 17 | is a continuous contamination. But I'm asking |
| 18 | that sits down if it's not cleaned? | 18 | you right now and you can say I can't answer |
| 19 | MR. MILLER: | 19 | that question. Dr. Moye testifies that that |
| 20 | Object to the form. | 20 | table is contaminated. You can't testify either |
| 21 | THE WITNESS: | 21 | way, correct? |
| 22 | What I can tell you is we don't have | 22 | MR. MILLER: |
|  | that information right now because we don't have | 23 | Objection to the -- |
|  | those cases. We don't have cases of people who | 24 | THE WITNESS: |
| 25 | have touched a surface and then touched their |  | Doctor -- |

MR. MILLER:
-- form of the question.
THE WITNESS:
Dr. Moye can't testify that that table is contaminated because we don't know if that person is positive when they sit down. Now if you want to have a -MR. SHERMAN:

Dr. Moye --
THE WITNESS:
-- hypothetical situation we can
have another conversation about that. But right now if -- if -- no matter who comes into that restaurant we don't know their status. We don't know if they're ill or not ill. We don't know if they are pre -- pre-ill with COVID-19 or not two days before. So what we say is -- and we don't have any cases right now where you've gotten it from that surface but what we are saying is do the best thing. The best practices right now are clean that table after each person.
EXAMINATION BY MR. SHERMAN:
Q. So, Dr. Stock, Dr. Moye has taken into account the amount of people that go inside of

Oceana and the peep -- the number of people that go inside the restaurant. You haven't done it and I get that. So Dr. Moye can say it's more likely than not that based on the number of people going in there and the infection rate of New Orleans and the infection rate of Louisiana that there are people going in and out of Oceana with COVID. And so then he can say it's more likely than not that the tables are contaminated. And I guess based on what you're saying is you can't -- you can't say either way. All you can say is the only thing you know is that one way or another you got to come in and clean it. Correct?

MR. MILLER:
Objection to the form of the question. Relying upon Moye's skewed analysis and on how COVID may or may not be in Oceana is an unreasonable question for the -- for this -for the witness. It is just -- it's latent with facts that aren't in evidence. It's latent with untruths. It's latent with junk science. And so asking her this question isn't really appropriate but --

MR. SHERMAN:

Now that --
MR. MILLER:
-- to the extent she can answer --
MR. SHERMAN:
-- (inaudible) testified and argued
his case to the judge that's not here today and --

MR. MILLER:
(Inaudible) arguing.
MR. SHERMAN:
-- you listened to all of Dr. Moye's testimony last night, right? You listened to the full six hours?

THE WITNESS:
I ended up actually having to drop out at about 5:30 because I accidentally hung up and I couldn't get back in.
EXAMINATION BY MR. SHERMAN:
Q. All right. So you listed to $99 \%$ of the testimony. So you understand what he is going to say. So I get what Mr. Miller thinks about his opinions and whatnot but you know what he is going to say. And I just want to be -- I'm just making sure you and I are on the same page.

My understanding is that you cannot get
to trial and say that he's wrong. What you're going to say is I can't testify one way or another but I do know that this can be cleaned, correct?

MR. MILLER:
Objection to the form of the question. You can answer.

MR. MILLER:
That is your testimony.
THE WITNESS:
I disagree because --
MR. SHERMAN:
Okay.
THE WITNESS:
-- Dr. Moye relied on a study that isn't even close to what the conditions are in the restaurant. Dr. Moye relied on a restaurant study from Guangzhou, China that had zero air exchange rates. It had zero open doors and windows. It had room air conditioners that continued to recirculate the air in that restaurant. So that is a fallacy on his probabilistic risk assessment that he has done to begin with so there is that. He didn't take into other conditions that could be going on in

1
infectivity rate for New Orleans so I am not -and he also didn't have the dates correct when the restaurant opened and didn't open. So I don't understand -- I -- I can't -- I can't say yes or no to that question. I can just tell you that there is flaws in his reasoning and I am going to disagree with it.
EXAMINATION BY MR. SHERMAN:
Q. Okay.
A. Because there are flaws in his reasoning. And that is totally okay for me to say.
Q. Okay. And you haven't -- you haven't addressed in your report -- I just want to make sure you're not going to get to trial and talk about this but you don't have any discussions in your report about the governor and mayor's orders and whether or not those are more likely than not scientifically supported, correct?
A. What I have in here are the governor's orders and the mayor's orders and the steps that they had them in. I also know they are in keeping with the recommendations from the CDC.
incorrect in his report.
EXAMINATION BY MR. SHERMAN:
Q. Let's go with the mayor I think came out first.
A. So, no, the mayor didn't come until four
-- well, she did. She come in -- his
proclamation --
Q. If you can look up at the board --
A. -- 25 and 27.
Q. If you look down this is the mayor's
order. Let's look at this one. This is the
mayor's order from I believe March -- can you go
to the bottom, Kristen? The date.
All right. So this is the March 16th
order from the mayor. And if you go back up to
the highlighted are you said familiar with this
-- with this language?
A. Yes.
Q. Okay. And then --

MR. MILLER:
You need to -- I think you need to
read the language closely before you start
agreeing with him, Dr. Stock.
THE WITNESS:
Oh, I'm not -- I'm not agreeing --

And so if you ask me about it there in keeping with the public health recommendations that are out there I'm going to tell you my opinion. That is all I'm going to be able to say. I'm not going to be able to say anything -- I -- I'm not even sure where you're going with that question so that is about all I can say.
Q. Okay. The early mayor and governor's
orders -- the March orders are you aware of either of those orders?
A. I am and I refer to them in my report.
Q. Okay. And do you agree that those conclusions are scientifically supported?

MR. MILLER:
Objection to --
MR. SHERMAN:
And we can pull them up.
MR. MILLER:
-- the form of the question. Yeah,
let's pull them up.
MR. SHERMAN:
Let's pull them up, Kristen.
THE WITNESS:
Yeah, we need to pull both of them
in because I will tell you Dr. Moye had them

1 that is highlighted on the screen but you can
answer it if you know.
THE WITNESS:
Yeah, I was going to say --
MR. SHERMAN:
I was waiting for that.
THE WITNESS:
-- I haven't seen any --
MR. SHERMAN:
I was waiting --
THE WITNESS:
-- scientific language that says
property loss and damage and circumstances -- in certain circumstances so I --

MR. SHERMAN:
Well I think --
THE WITNESS:
-- I can't --
MR. SHERMAN:
I think the --
THE WITNESS: I -- I --
EXAMINATION BY MR. SHERMAN:
Q. I think the (inaudible) is COVID-19 may
be spread amongst the population by various
hours later or a little bit longer in a
laboratory setting and we can still find it.
And when in March this was done that was the -there was one paper that was done and it was a variety of coronaviruses but not SARS COVID-19 that they were use -- or SARS CoV-2 that was used in that study to demonstrate it.
Q. All right. So you're not going to weigh
in one way or another. You -- you're going
to --
A. You heard my statement. As of that

March -- in March we didn't have that data to say that this virus particularly stay -- stick around in all the other language. There is not a lot of science to support that. There is language to support the fact that it does stay on surfaces in a laboratory setting and there was data that said that it can -- transmitted from person-to-person.
Q. Okay. So you would agree with that initial statement. I get you're not going to agree with the bottom that it can cause damage but the beginning part of the provision is you -- you agree with.
A. I agree with --
means of exposure. That is -- I would think that is a scientific or medical statement including the propensity to spread person-to-person and the propensity to attach to surfaces for prolonged periods of time.

Do you agree one way or another? And you don't have to agree but do you agree one way or another whether or not that is scientific supported?
A. I would say that this language is not
scientific language. This is a mayor's
proclamation so I am not going to say this is
the science language that I would have even used
so I would have to have an attorney interpret this for me because to me this isn't science language. This is legal language.
Q. All right. So you -- you can't -- you can't weigh in one way or another; you can't opine one way or another of whether that that statement is true or not true?
A. What I can say is we know that there is person-to-person transmission. We knew that -we know that from laboratory studies that it sticks on surfaces. It -- it is on that surface. We can still test that surface 72

25
Q. There is scientific --
A. -- (inaudible) reason to believe --
Q. -- evidence and data --
A. Go ahead.
Q. Wait. Let me finish. There is scientific evidence and data that the virus can spread from person-to-person and has the propensity to stick to surfaces. You agree with that, correct?
A. I agree that the virus can --

MR. MILLER:
Objection to the form of the question.

THE WITNESS:
-- spread from person-to-person. I only personally agree with the propensity to attach to surfaces because there is a whole bunch of clarifications that have to go with that propensity to attach to surfaces.

MR. SHERMAN:
Okay.
THE WITNESS:
And it's not really attaching. It's
sitting on that surface. It's not -- but that is a whole 'nother -- that's a discussion for --
for Dr. Flinn.
EXAMINATION BY MR. SHERMAN:
Q. Okay. But you agree that the virus is on the surface?
A. We have found the virus in laboratory
settings on surfaces up to 72 hours or longer.
Q. All right. So the only thing that you
don't agree with or don't want to weigh in on is
that last part where it talks about damage
because you're not -- you're not here to do that.
A. I'm not -- I don't --
Q. Otherwise gen -- otherwise generally speaking at the time that this order was issued all of that information is supported by the data.
A. At the time that this was generated -MR. MILLER:

Objection. Objection to the form of the question. Now you can answer.

THE WITNESS:
At the time that this data was
generated in March 15 we did not have a study
that said that it was -- that in particular
SARS-Covariant 2. We had a study that had been
done -- actually there were two studies that had been done when on this first SARS variation and what it could do but not this variant. And we also had another study that through a whole bunch of other members of the coronavirus family and the situations. We weren't actually looking at this virus itself.

So by that point we thought it might be there for 72 hours or longer. It look a little bit longer past this March 15 deadline to get that information.

MR. SHERMAN:
All right. I just want to be clear because this is important because the side is kind of attacking this. You said at that time there is some evidence that it might be able to stick on surfaces or spread, right? Just use the word "might." I'm not hold -- I'm not trying to get you to box in and say 100 but it might be, right?

## THE WITNESS:

What I said is that based on research with the first SARS-Covariant 1 not Covariant 2 which is what we're dealing with and I want to be clear that they act a little bit
different from each other. And we know that from our cases. We know that from how it -it's being spread. We know the first -- the first SARS had a much higher mortality rate. It -- it had higher hospitalization rate. We're not seeing that the same as this one. So there are some other -- there are some differences between those viruses.
EXAMINATION BY MR. SHERMAN:
Q. All right.
A. But the data that was there in March was really done on that first SARS virus not the one that we currently have going on right now. The other data that was being generated at the time was using a whole bunch of numbers of the coronavirus family including GI viruses at the time. And I am pretty sure that the papers that were using SARS-Covariant 2 had not been released yet. I think those were released towards the end of March.

So we -- what she is saying in this information is what we knew at the time that this was being done. And I agree that we knew that it was being spread from person-to-person.
We did not know that it could transmit on
surfaces or not. And what CDC and all the public health agencies were saying at that time is it can (inaudible) what they're saying right now is they might be a source so just be careful with it.
Q. Okay. So generally speaking that
statement you agree with -- oh, like generally speaking?

MR. MILLER:
All right. Objection to the form of the question. Asked and answered like four times.

MR. SHERMAN:
You just take -- you're all with
this like yes or no?
THE WITNESS:
No.
MR. MILLER:
It doesn't -- she doesn't --
THE WITNESS:
I -- and I only agree with part of that statement. I don't agree with all of that statement.

MR. SHERMAN:
Right. The beginning part that it
could spread from person -- that it may. It
uses the word "may" spread from person-to-person and on surfaces. You agree with that generally speaking?

MR. MILLER:
Objection. That is a
mischaracterization of what she said. She said
--
THE WITNESS:
What I said is --
MR. SHERMAN:
(Inaudible) yes or no?
THE WITNESS:
-- it may -- what we knew is it spread from person-to-person. That is not a may. That is we know it spreads from person-to-person. And we knew that early on. EXAMINATION BY MR. SHERMAN:
Q. Okay.
A. What -- and it may be on surfaces
because the data at the time that this was
issued indicated that it may stay on surfaces.
Q. Okay. Thank you.
A. That is --
Q. That's all I'm asking.
evidence according to the CDC report from
October 29th that it may spread from contaminated surfaces, correct?
A. CDC is still saying and I even quote in my report in October it may be spread from surfaces. We don't know so just clean.
Q. All right. And the CDC is who you say is the most reliable source, correct?
A. I would say CDC, WHO, all of those
organizations are still saying it could be but
they have also said we don't have any cases of
it but just to be on the safe side keep
cleaning.
Q. All right.

MR. SHERMAN:
Allen, give me five minutes. I'm
almost done.
MR. MILLER:
Okay.
MR. SHERMAN:
Thank you.
(Brief recess held.)
(Off the Record.)
EXAMINATION BY MR. SHERMAN:
Q. All right. Dr. Stock, can you hear?
A. Yep. That --
Q. (Inaudible) at the time suggested that it may -- when you know for sure they used a lesser word but it definitely spread from person-to-person the data at the time suggested that it may transmit by surfaces. That's all I'm asking. That is correct?
A. At the time that this was written we thought that it may be transmitted by surfaces.
Q. Okay. All right. And the governor's order -- I won't push that up but I'm going to offer these -- I'm going to attach these as whatever exhibit is next. The governor's order tracks the same language and the same answer would apply then, that at the time in March the word "may" is appropriate. May. Well, you know shall go from person-to-person but may transfer by -- via the property, correct?
A. In March we didn't have a lot of information and we said cleaning is the way to go. So it may be there and it may be a way to transmit it so clean, clean, clean.
Q. Okay. And, look, just to be clear -I'm not trying to belabor the point but as we sit here today in November we -- there is still
A. I can.
Q. All right. And, Dr. Stock, I am almost done but I would ask if you -- if you -- do you mind at all sharing with us the presentations of PowerPoints that you have done on COVID?
A. I have no problem sharing them so long at -- because -- but they're J.S. Held property. They're not mine in particular so in other words I don't give this presentation alone. I give it with three other people.
Q. Okay.
A. And what I will -- and I just sent an

E-mail asking them if it's okay for them because
I can send you my portion that I talk about but
I've asked that I can send the entire
presentation and I just asked permission I
didn't develop the content and the rest of -- I only do like four slides.
Q. Okay. I appreciate that and any -- not
-- any presentations that you do regarding COVID or have done over the last year or eight months if you could send us those.
A. Right. They -- they're all the same.

I'll be honest with you it's all the same data.
Q. Well then let me pull up -- let me pull
up and I'll mark this as Exhibit 5. Eight.
Exhibit 8. All right. Can I get the full screen?
A. Yep. That -- that's the PowerPoint.
Q. Okay.
A. That -- it's the same one.
Q. All right. Has thi s PowerPoint changed over time?
A. I don't think it -- if you scroll through it and --
Q. All right. Let's go -- let's go through
it. Who would -- who have you given this
presentation to? Insurance companies and other organizations?
A. As I mentioned earlier it's not --

MR. MILLER:
Objection.
THE WITNESS:
-- specifically an insurance
company. This is just to any of our J.S. Held
clients so it could be attorneys. It could be
insurance carriers. It could be anybody who is
interested. I know we have people from the
different universities that we've worked with
that have been there. That is kind of thing.

## 86

I have no idea.
MR. SHERMAN:
You all -- you all are out
advertising to different organizations to be
legal experts, correct?
THE WITNESS:
No.
MR. MILLER:
No. Objection. That's not --
MR. SHERMAN:
Don't testify, Mr. Miller.
MR. MILLER:
I'm not. That's not what it says.
THE WITNESS:
No, it's (inaudible) --
MR. SHERMAN:
(Inaudible) understand you a
PowerPoint --
THE WITNESS:
-- (inaudible) anything --
MR. SHERMAN:
-- presentation --
THE WITNESS:
-- might need --

## EXAMINATION BY MR. SHERMAN:

MR. SHERMAN:
All right. And on the second page
you see those big letters "find your expert."
So this is -- this is an advertising or
marketing piece where you all were bouncing
around organizations trying to get expert work,
correct?
THE WITNESS:
This is -- the template that this
is, is the standard J.S. Held template. We
don't -- we have a marketing branding group that
whenever I do a presentation they take the
slides and create them. Like that ABA
presentation they actually made those for me and had to put them in the ABA template.
EXAMINATION BY MR. SHERMAN:
Q. Okay. Is that you all same "find your expert?" Is that --
A. Yeah, it's a company logo.
Q. The company logo is
"find your expert?"
A. It is -- it's --

MR. MILLER:
Expert. Expert in what?
THE WITNESS:
Q. Wait. Doctor, I've already shown you PowerPoint presentation where you were specifically presenting to the American Bar Association how to find your own expert, correct?
A. Correct. I am -- I see --
Q. And here you are --
A. -- (inaudible) --
Q. Okay. And here you are presenting to different organizations talking about -- I mean it's on your second slide. Find your expert. That is correct, right?
A. Correct. And it -- but it's not necessarily for legal organizations. It for anyone and we did this talk and we had a lot of people from different universities. We had building management companies. We have all kinds of people that come to these because they need help.
Q. All right. So here you are talking about all these different presentations you've given on COVID-19, that you have a PowerPoint presentation for COVID-19. Here you are serving as an expert in a case involving COVID-19 yet you completely omitted to put this on your list
of presentations, correct?
A. No, I didn't completely omit to -MR. MILLER:

Objection.
THE WITNESS:
-- list it because you've
(inaudible) that I updated it and just left it
off. I haven't update it as I said since
October of last year.
MR. SHERMAN:
And you didn't find it important to update it, to disclose to us all the work you've been doing and all the presentations you've been giving to various organizations about COVID. You didn't find that important?

MR. MILLER:
Objection. No, we've -- we've gone
down --
MR. SHERMAN:
Okay.
MR. MILLER:
-- this road. You want to ask her
about the PowerPoint ask her but we're not going back over the CV and what was on it and what wasn't.

MR. SHERMAN:
I just want to make clear this
PowerPoint presentation -- this specific one was
not mentioned on your CV, right?
THE WITNESS:
Correct. I have not listed any of the presentations --

MR. SHERMAN:
All right.
THE WITNESS:
-- I've done on COVID since --
MR. SHERMAN:
So the --
THE WITNESS:
-- I had -- since I haven't updated my CV prior to COVID.
EXAMINATION BY MR. SHERMAN:
Q. All right. And we'll just kind of flip through it. I'm not going to talk about every power -- every slide. That's Ms. Tracy Dodd. There is Dr. Stock. Keep -- all right. So on this page -- go back one. On -- on that page are you -- and confirming what you've testified to that the CDC is the main liaison, correct.
A. Correct.
Q. Okay. And keep -- go down two more slides.

MR. MILLER:
I wish she had put it on her CV.
MR. SHERMAN:
Well I don't know about this. So this slide the definition of virus, "not in most standard insurance policies or ambiguously defines." That is what that says, right?

THE WITNESS:
Correct. Tracy made this slide.
EXAMINATION BY MR. SHERMAN:
Q. What is that?
A. Tracy Dodd made this slide.
Q. But, Dr. Stock, you're part -- your name is on this presentation, correct?
A. But I don't necessarily give this
present -- part of the presentation.
Q. All right. So now you want --
A. I give --
Q. -- to give --
A. We --
Q. Okay.
A. Tracy and I divide up the slides so if
you would like me to say which ones I do and
which ones Tracy does I will gladly do that.
Q. I'm just asking you this slide is part of the PowerPoint presentation that you've already testified that you've given to many different people, correct?
A. I give --
Q. And I get why you want to distance yourself from this slide but this PowerPoint presentation is one that you do and this slide is part of that PowerPoint presentation.

MR. MILLER:
Matt, we can -- we can hear you.
You don't need to scream. We can hear you well enough.

MR. SHERMAN:
My camera is so far away. I'm
sorry. I'm sorry.
THE WITNESS:
So let me be clear. I have never
said I have given this presentation alone. I
have always given this presentation with at least one other person. What I was surprised about is to see that -- and we had two of us giving this presentation because normally there are at least three or four of us giving this
presentation together.
EXAMINATION BY MR. SHERMAN:
Q. Okay.
A. So I don't -- I am not responsible for
all of the content on every one of these slides
because I give this presentation with someone else.
Q. Okay.
A. So this is a --

MR. MILLER:
All right. Dr. Stock, you've --
THE WITNESS:
-- slide she --
MR. MILLER:
-- answered the question. Let him
ask you a question, please.

## THE WITNESS:

Yeah.
MR. SHERMAN:
Mr. Miller doesn't like where this
is going so he's going to try to cut you off.
MR. MILLER:
No, it's fine. I just -- I'm --
THE WITNESS:
I need to keep --
keep going. Keep going. Yeah. On this -- on
this slide -- this is a slide that would you have talked about, correct?
A. Correct.
Q. Okay. And here you have "behaves like other coronaviruses and stays on surfaces from a few hours or up to several days, correct?
A. What I say when I give this presentation is that it behaves in laboratory settings which is not necessarily here because I don't read a slide word-for-word. What I say when I give this slide is, look, we have laboratory studies where they have gone in. I'm really clear to say what I've been saying here in this testimony.
Q. All right.
A. It is in laboratory settings that we know up to 72 hours and it could be a little bit longer or several days that it is there.
Q. All right. All right. Could be up to seven days. Okay.

MR. MILLER:
Don't believe everything you read. MR. SHERMAN:

All right. Keep going. Let's go
back to that slide since Mr. Miller brought that up. What are you referencing when you say don't believe everything you read?

THE WITNESS:
Because if you read the USAA article that if you go back and read that USAA article --

MR. SHERMAN: Okay.
THE WITNESS:
-- it sounds like they found live
virus for 17 days afterwards and I will tell you my father who is 80 years -- 83 years old called me in a panic because he thought it had live virus on it. And you have to go back to the primary source which is the CDC investigation which says it wasn't live. It was fragments and they were found 17 days later.
EXAMINATION BY MR. SHERMAN:
Q. And that -- that is the cruise ship?
A. That is the cruise ship.
Q. Okay. And you -- you would agree with me that because of COVID and CoV-2 that the in -- there's an increase in cost requirements for companies to clean their property, correct?
A. I think that is a really broad statement so I would need you to -- to define what companies we're talking about.
Q. Well for Oceana restaurant in order for them to keep their restaurant safe you would agree with me that they have an increase in cost now because of the remediation work and then the cleaning and things like that that they have to do, correct?
A. I've stated all throughout this deposition that good food hygiene practices are that you should wipe and clean in between each customer. That -- that is a -- I think it's even in ServSafe training that you do that. So that is a good -- that shouldn't be an increased cost to them to clean those surfaces in between customers.
Q. All right.
A. Because that is something that should have been doing all along.
Q. All right. Let's look at your slide about this. Give a bunch of different cleaning costs but go to the next page. Yeah. "More cleaning cost issues regarding COVID-19." You have multiple cleanings and disinfectant

## our household.

Q. Okay. I'm a UNO guy so that's a big -big contention. And in this situation you would agree that Oceana in order to maintain best practices would have to obtain multiple cleaning and disinfectant applications -- applicants, right? Correct?
A. I am still -- I'm still lost because if we're talking about in between customers --
Q. I'm talking about generally speaking.
A. -- (inaudible) normal process.
Q. Generally speaking if you were hired by

Oceana to go in there and tell them what they need to do in order to maintain best practices would you agree that this list would be something that you would show them and talk to them about?
A. Not necessarily because this list is for actually different locations. It can be a school. It can be a restaurant. It can be an office building.
Q. So --
A. And you all wouldn't necessarily in a restaurant be doing ATP testing for cleaning of surfaces. So there is a whole bunch of things

98
applications. You would agree that that applies to Oceana?
A. I only know what I have from the information from you guys of what they have done so I don't know if that is outside of what they would have normally done. This is actually not necessarily written for food service. This is for everyone else. And I can tell you that from a building management clients they are having increased cost because they are having to do steps that they have never had to do before. They weren't wiping an elevator button every hour.
Q. Okay. Are you doing any type of consulting work for any restaurants right now for COVID?
A. I have -- I am done with any of that work right now. And the only -- the only food service establishment that I am doing that work with is still a major university.
Q. Is that Tulane?
A. It can be. It might be and it might not
be and there has been a couple others.
Q. Your husband works at Tulane?
A. It has been a source of contention in
on here that I wouldn't necessarily be recommending to a restaurant. What I would be recommending to a restaurant is make sure you're wiping the tables in between each customer with an EPA and (inaudible) approved cleaner.
Q. HEPA? HEPA vac you mean?
A. That -- that is actually for -- not for a restaurant. That is something that we recommend for our clients who have building managers who may have had an office where they know that somebody has spent considerable time in that office that was COVID positive.
Q. Okay. And then if you look at the big
letters some other factors to consider when writing damages, monitoring projects, and reviewing invoices. What do you -- what are you talking about here?
A. So this would have been more in the lines of Ms. Raley who -- because Sara has presented this with me occasionally. She reviews cleaning invoices because she is a restoration specialist. We have other restoration specialists that review invoices. I have people on my team that have reviewed invoices who are especially -- and I will tell
A. I did but I would have to pull them up
you there are several large office buildings in the City of New Orleans that have had people that were COVID positive that have come into their office, been in their office for at least an eight-hour workday while they were sick and then left. And so we have to advise that office building on how to clean it. And overlook the invoice coming from the restoration contractor that they have hired to clean that space.
Q. All right. Is this all -- does this also talk about when insurance companies are looking at claims that are made?
A. No. This is -- at least -- at least for me, no. I don't -- I can't talk about it for others what I -- my understanding is this looking over -- over what a general restoration contractor might do especially in that office building type situation. We have also had at schools. Some private schools where we've had to go in after they've had for sure positive kids in the classroom and how they were going to do it.
Q. Did you read the -- the Riddle

2

I am never prepared in a deposition to be asked specifically about a journal article without having the journal article in front of me.

MR. SHERMAN:
Okay. Even though those are the two reports that he relies on to form his conclusion?

MR. MILLER:
Asked and answered.
MR. SHERMAN:
You -- right? Even though those are the two reports that he relied on to come to his conclusions -- two of the main reports you're not prepared to talk about those today even though you were hired to -- to negate all of his arguments?

MR. MILLER:
She did not say she was not prepared to talk about them. Put them in front of her.

MR. SHERMAN:
Well I -- I'm -- can -- can you talk about them? If that -- do you (inaudible) whole thing or Googling them on your computer?

THE WITNESS:
and go back and refresh my memory.
Q. What about the Chin report?
A. I would have to go back and reread it to refresh my memory.
Q. All right. And as we sit here today you are not -- those reports don't ring a bell to where you could talk about them today?
A. I know the papers. I know the names of the papers but I would have to go back and pull that paper in front of me.
Q. All right. And those are the -- they're the two of the most specific reports he actually mentions in his report, correct? In the body of the report he actually mentions those reports?
A. I would have to go back through his report and see who else he talks -- who he -where he mentions them.
Q. So you're not prepared today during your deposition to talk about the Chin report or the Riddle report?
A. I am --

MR. MILLER:
Objection to the form of the question. It's not what she said.

THE WITNESS:

| A | 19:1 23:2 25:22 | 17:16 18:1 20:11 | apart 57:21 | 81:25 82:7 84:13 |
| :---: | :---: | :---: | :---: | :---: |
| a's 48:5 | 26:23 27:8,8 | alcohol 25:22 | apartment 20:15 | 92:2 |
| A*F 5:21 | 29:13 30:5 31:25 | Allen 61:3 83:16 | applicants 99:6 | assess 53:20 |
| ABA 86:13,15 | 32:24 37:6 42:5,5 | 104:12 | application 41:25 | assessment 68:23 |
| abide 13:20 | 45:11 | allow 18:3 28:13 | applications 98:1 | assign 20:21 21:5 |
| ability 39:23 | AEUFR 31:15 | 56:20 57:20 | 99:6 | 21:17 |
| able 1:20 8:16 18:5 | AEUP 10:3 | allowing 55:1 | applies 98:1 | assigned 20:21 21:5 |
| 19:3 39:21 50:16 | AEUPBZ 50:7 | ambiguously 91:8 | apply $1: 18$ 3:11,17 | 21:17 |
| 70:4,5 78:16 | AEUPZ 26:11 | America 17:5 43:6 | 4:10 7:7 10:13 | associate 5:6 |
| absolutely 11:25 | AEURPLZ 16:20 | American 88:3 | 14:4 15:16 16:9 | association 5:6 |
| accepted 53:14 | AEUs 5:8 | amount 65:25 | 17:13,15 24:4 | 54:6 88:4 |
| accident 17:17 | AEUZ 14:4 30:11 | analysis 66:17 | 30:6 32:9,24 | assume 2:15 28:18 |
| accidentally $67: 16$ | afford 9:5 | and/or 25:7 | 33:16 37:6 40:20 | ate 47:4 |
| account 46:22 | age 14:7 18:1 | anesthesia 21 | 41:13,24 44:3,20 | ATP 99:24 |
| 65:25 | agencies 13:11 20:5 | answer 2:2 4:14 | 45:15 48:17 53:11 | ats 20:9 |
| ache 17:9,10 19:14 | 27:3 80:2 | 14:1 16:25 27:16 | 54:15 82:15 | attach 74:4 76:17 |
| 23:6 | agency 58:13 62:4 | 27:18 28:25 32:2 | applying 6:4 12:10 | 76:19 82:12 |
| acid 5:16 | agent 63:7 | 47:24 49:23 61:7 | 31:20 32:1 45:10 | attaching 76:23 |
| acknowledge 4:9 | agents 13:11 20:5 | 61:9 63:9,10,13 | 53:24 | attacking 78:15 |
| 48:24 | 27:3 | 63:15 64:18 67:3 | appreciate 84:19 | atted 42:16 |
| act 78:25 | ago 17:22 27:12 | 68:7 72:13 73:2 | 104:19,23 | attorney 74:14 |
| action 42:25 | 36:23 40:21 43:12 | 77:20 82:14 94:6 | appropriate 51:1 | attorneys 85:21 |
| actions 59:3 | 43:21 57:13 | answered 55:16 | 51:12 52:23 55:10 | audits 47:20 |
| active 5:22 | agree 12:1 20:19 | 80:11 93:15 | 55:11 56:16,19 | August 18:24 |
| actual 3:18 17:3 | 23:18,20 24:25 | 103:10 | 60:12 62:2 66:24 | avenue 36:24 |
| 22:3 | 59:13,18 70:12 | answering 63:16 | 82:16 | aver 41:11 |
| add 2:13 | 72:15,18 74:6,7,7 | anybody $72: 6$ | approved 63:6,6 | aware 57:7 70:9 |
| addressed 49:25 | 75:20,22,24,25 | 85:22 | 100:5 | AZ 4:1 |
| 69:16 | 76:8,10,16 77:3,8 | anymore $9: 18$ | approximate 15:18 | B |
| admitted 14:4 | $\begin{aligned} & \text { 81:3 96:22 97:6 } \\ & 98: 1 \text { 99:4,15 } \end{aligned}$ | $\begin{aligned} & \text { anyway } 45: 17 \text { 46:9 } \\ & 47: 11 \end{aligned}$ | area 18:18 31:1 argued 67:5 | back 2:16 8:16 19:8 |
| advertising 86:4 87:4 | 98:1 99:4,15 agreeing 71:23,25 | 47:11 AOB 29:11 | argued 67:5 arguing 67:9 | $23: 25 \text { 24:2 27:1,4 }$ |
| advice 15:23 37:10 | ahead 76:4 | AOBs 49:6 | arguments 103:17 | 31:8 48:18 51:24 |
| 49:13 | aid 17:11 | AOE 18:14 | article 96:5,7 103:2 | 54:2 67:17 71:15 |
| advise 37:10 49:13 | ail 18:23 23:2 | AOELGS 12:8 | 103:3 104:6,7 | 89:24 90:22 96:1 |
| 101:6 | ain't 13:24 18:11 | AOEUB 1:8 | articles 104:11 | 96:6,15 102:1,3,9 |
| AE 3:5,14 | 20:2 23:1 27:17 | AOEUF 5:8 | ash 17:9,10 19:14 | 102:15 |
| AEB 42:8 | air 15:17,22 16:5 | AOEUFR 34:25 | 23:6 | ckground 11:22 |
| AEL 50:3 | 16:17 17:14,18,20 | AOEUG 18:24 | asked 11:23 35:19 | ckwards 104:6 |
| AEPB 5:5 44:15 | 17:22 18:15 19:2 | AOEULD 44:14 | 49:16 80:11 84:15 | bad 60:10 |
| AERPB 24:4 | 19:7,11 20:6 | AOG 5:25 | 84:16 103:2,10 | all 6:1,3,7,10 |
| AEU 1:15 2:24 4:5 | 68:18,20,21 | AOLG 5:8 | asking 3:19 4:22 | balls 13:6 22:21 |
| 4:12 5:11,24 6:2 | airborne 14:20,22 | AOPBLZ 1:17 | 16:4,14,22 46:3 | bar 10:16 30:23,24 |
| 6:16 10:3 15:3,3 | 15:14 16:3,16,18 | AP 11:23 | 63:8 64:17 66:23 | 88:3 |


| bare 24:12 | bone 38:21 | capacity 57:20 | China 68:18 | closes 28:5 |
| :---: | :---: | :---: | :---: | :---: |
| barge 30:23 | bore 24:5 | care 3:15 | circumstances | coast 7:1 46:17 |
| bars 57:8 58:11 | bottom 57:25 71:13 | careful 80:4 | 73:13,14 | coin 46:25 |
| 59:4 | 75:22 | carefully $72: 14$ | cite 21:23 | college 45:20 |
| based 7:13 63:18 | bounced 26:9 | carriers 85:22 | city 24:10 26:10 | column 94:11 |
| 66:4,10 78:22 | bouncing 86:5 | case 6:6 10:13 | 29:4 54:25 101:2 | combination 8:3 |
| baseline 51:2 | bound 26:9 | 29:24 33:22,22 | claims 101:12 | combine 40:12 |
| basic 18:10 | bout 40:1 | 34:15 43:5 44:3 | clarifications 76:18 | come 25:20 29:22 |
| basically 49:19 | bowl 42:23 | 51:18 53:12,23,24 | clarify $15: 21 \quad 16: 13$ | 55:25 60:13,19 |
| Bate 7:3 | box 38:4 78:19 | 55:19 67:6 88:24 | classic 42:8 | 66:13 71:5,6 |
| bath 31:12 | Bradford 53:11,13 | case's 34:7 | classroom 101:21 | 88:18 101:3 |
| bed 51:16 | 53:24 54:1 55:15 | cases 25:1,3 33:20 | clean 6:14 15:16,22 | 103:13 |
| beg 31:1 | 55:17 56:23 57:1 | 34:18 36:22 37:24 | 16:14,17 19:11 | comes 62:7 65:13 |
| beginning 23:3 | brake 4:6 | 38:23 58:21 59:9 | 34:9,11,14,23 | coming 6:10 44:25 |
| 75:23 80:25 | brand 25:24 | 59:21 62:24,24 | 45:3 46:5 49:23 | 46:3 50:22 101:8 |
| behaves 95:5,9 | branding 86:11 | 63:3,4 65:18 79:2 | 60:14 64:11 65:21 | comment 38:20 |
| belabor 82:24 | break 43:3 53:2 | 83:11 | 66:14 82:22,22,22 | commercial 18:4 |
| believe 1:22 15:11 | breast 14:14 | catch 13:9 | 83:6 96:25 97:12 | communication |
| 50:14 61:22,24 | Brian 11:4 | category 57:22 | 97:16 101:7,9 | 14:23 |
| 62:1,12,13 63:11 | Brief 83:22 | causation 53:19,20 | cleaned 42:10 | companies 47:1 |
| 71:12 76:2 95:23 | bring 37:15 | 53:21 55:18 | 61:24 62:14,18 | 85:13 88:17 96:25 |
| 96:3 | broad 97:1 | cause 75:22 | 68:3 | 97:3 101:11 |
| bell 102:6 | broke 11:7 | causing 58:6,18 | cleaner 48:13 51:1 | company 7:1 85:20 |
| best 47:9 62:5 | brought 96:1 | CD 15:4 17:10 | 63:6 100:5 | 86:19,20 |
| 63:16 65:20,20 | building 13:18 | CDC 13:3 36:8 | cleaning 35:2 42:22 | complain 40:9 |
| 99:4,14 | 88:17 98:9 99:21 | 57:7,18 58:7,10 | 43:1 45:11 50:25 | complain's 4:9 |
| bet $20: 13,16$ | 100:9 101:7,18 | 58:13,19 59:7,15 | 51:12,24 52:23 | complaint 45:6 |
| big 30:20,23 86:3 | buildings 24:6 | 59:21 69:25 80:1 | 56:1,18 59:1 62:6 | completed 27:19 |
| 99:2,3 100:13 | 101:1 | 83:1,4,7,9 90:24 | 82:20 83:13 97:8 | completely 13:17 |
| bigger 57:9 | bulge 21:22 | 96:16 | 97:22,24 99:5,24 | 49:20 51:8 60:1 |
| billings 13:21 | bunch 76:18 78:5 | cell 7:24 8:4 | 100:21 | 88:25 89:2 |
| bin 22:2 | 79:15 97:22 99:25 | certain 7:11 19:15 | cleanings 97:25 | computer 3:7 |
| bind 41:13 | button 98:12 | 19:15 35:11,23 | cleans 17:6 | 103:24 |
| bins 10:20 | buy 21:9 50:13 | 36:173:14 | clear 6:15 13:13 | conclusion 10:24 |
| birth $42: 4$ | C | certainly 104:21 | 42:19 78:13,25 | 11:1 103:8 |
| $\begin{aligned} & \text { it } 75: 178: 10,25 \\ & 95: 18 \end{aligned}$ | C 17:5 | certification 15:21 cetera 5:6 | $\begin{aligned} & 82: 23 \text { 90:2 92:19 } \\ & 95: 13 \end{aligned}$ | $\begin{array}{\|c} \text { conclusions 10:11 } \\ 70: 13 ~ 103: 14 \end{array}$ |
| black 50:17 | calf 44:1 | change 8:15,20 9:5 | Clemente 51:10,23 | conclusionsed 11:1 |
| blame 5:18 10:18 | call 19:25 21:11 | 9:6 17:23,24 | client 16:20 | condition 1:25 5:24 |
| 33:24 38:18 | 41:8,24 53:5 | 18:18 19:4 | clients 85:21 98:9 | 6:6 7:2 9:15 |
| blue 37:3 | called 96:13 | changed 9:1,11 | 100:9 | 10:12 11:10 13:7 |
| board 8:22 71:8 | camera 92:16 | 85:7 | clock 4:5 | 17:17 34:11,23 |
| body 7:12 102:13 | cams 41:6 | changing 53:18 | close 68:16 | 35:4 37:6 40:20 |
| bond 53:6,8 | cans 19:9 | check 12:13 | closed 28:3 | 41:7 43:13 44:8 |
| bonds 53:2 | capability 18:20 | Chin 102:2,19 | closely 71:22 | 45:2 47:4 |


| conditioners 68:20 | 65:12 | 23:19 24:23 | 46:14,21 62:7,7 | December 48:24 |
| :---: | :---: | :---: | :---: | :---: |
| conditions 68:16,25 | converse 6:23 | couple 13:2 17:1,20 | 97:13 100:4 | 63:4 |
| cone 3:9 | converts 6:23 | 21:8,24 40:12 | customers 61:18 | deed 47:7 |
| confirming 90:23 | cope 30:3 | 98:23 | 97:17 99:9 | defendant 3:14 |
| connect 7:16 | copy 11:17 | coupling 35:23 | cut 93:21 | 4:20 |
| connected 8:4 | core 34:10 35:8 | course 44:2 45:9 | CV 89:24 90:4,16 | defendanting 49:18 |
| consent 18:2 | 44:21 | courses 2:21 5:12 | 91:4 | defendants 1:13 |
| consequence 12:15 | corn 5:23 6:6 7:1 | court 11:2 31:8 | cycles 17:20 | defer 4:1 6:13 |
| consider 2:3 14:21 | 14:14 34:1 35:8 | 34:10 35:8 44:21 | D | define 97:2 |
| 26:4,9 29:18 | 44:19 | CoV-2 75:6 96:23 | D | defined 27:2 |
| 30:11,13 100:14 | coronavirus 78:5 | covalent 53:8 | D 5:20 15:4,8 | defines 91:9 |
| considerable | 79:16 | Covariant 78:24 | damage 8:7,13,19 | definitely $82: 4$ |
| 100:11 | coronaviruses 75:5 | cover 1:19 7:16 | 9:10,13,17,17 | definition 4:2 8:7 |
| Considerations | 95:6 | 12:1,5 14:1,4,12 | 49:17,19 50:2,4,7 | 8:13 49:17 91:7 |
| 57:8 | correct 2:4 4:14 | 19:19 26:16 27:22 | 50:15 55:24 56:5 | deleterious 54:24 |
| consistent 54:7 | 14:15,16 15:6,25 | 27:23,23 33:16 | 56:5,10 73:13 | demonstrate 75:7 |
| consulting 98:15 | 20:8,21,22,25 | 34:20,20 35:12,12 | 75:22 77:9 | demonstrated |
| contact 14:15 15:13 | 23:19 24:24 28:18 | 35:23 44:16,21,21 | damages 100:15 | 50:25 |
| 33:23 51:17 | 28:23 31:19,23 | 45:25 47:16 48:23 | damaging 50:16 | dent 43:13 46:11 |
| contain 44:7 45:21 | 33:6,11,12 37:22 | covered 59:2 | danger 12:2 | 50:2 |
| contaminated 58:5 | 38:13,15,21 40:16 | covering 13:19 | dangerous 54:24 | depend 7:14 18:19 |
| 58:17 60:4 61:23 | 44:10 45:19,22 | 18:12 | dangers 55:5 | depending 22:6 |
| 62:16 63:12,18,20 | 46:6 47:5,22 49:3 | COVID 22:10 | data 36:4 75:12,18 | deposition 97:11 |
| 64:20 65:5 66:10 | 49:21 51:2,8 | 23:22,23 24:5 | 76:3,6 77:16,22 | 102:19 103:1 |
| 83:3 | 52:14 53:16 57:13 | 39:18 49:7 60:7 | 79:11,14 81:21 | 104:8 |
| contamination | 57:23 58:6,11,12 | 66:8,18 84:5,20 | 82:5 84:24 | describe 6:3 |
| 64:5,17 | 58:18 60:5,20 | 89:14 90:11,16 | date 23:14 71:13 | determination |
| content 84:17 93:5 | 63:20 64:21 66:14 | 96:23 98:16 | dates 69:4 | 29:23 |
| contention 98:25 | 68:4 69:4,21 76:9 | 100:12 101:3 | daughter 8:21 9:7 | determine 55:18,19 |
| 99:3 | 82:7,18 83:3,8 | COVID-19 15:17 | 13:6 50:13 | 55:20 |
| continue 45:21 | 86:7 87:5 88:5,6 | 55:5 58:1 59:5 | day 18:5 21:9 44:9 | develop 84:17 |
| 46:5 | 88:12,13 89:1 | 65:16 73:24 75:5 | 45:9 60:10 | development 21:9 |
| continued 68:21 | 90:6,24,25 91:11 | 88:22,23,24 97:24 | day-to-day 29:9 | differ 29:3,14 |
| continuous 64:14 | 91:16 92:5 95:3,4 | cows 49:15 | days $8: 2121: 2,3,8$ | difference 1:16 6:4 |
| 64:17 | 95:7 96:25 97:9 | crack 42:18 | 57:13 65:17 95:7 | 29:3,14 30:16 |
| continuously 64:9 | 99:7 102:13 | create 86:13 | 95:19,21 96:12,18 | differences 79:7 |
| 64:16 | cost 4:25 30:18,23 | creep 35:13 | De 51:10,23 | different 24:10 |
| contractor 101:8 | 43:796:24 97:6 | crews 41:12 | dead 50:18 | 29:3,14 35:18 |
| 101:17 | 97:16,24 98:10 | criteria 54:4 | deadline 78:10 | 37:6 46:17 47:20 |
| control 37:8 38:19 | costs 97:23 | cruise 41:12 96:20 | deadly 55:6 | 48:8 59:16 79:1 |
| controlling 38:10 | cough 58:3 | 96:21 | deal 64:5 | 85:24 87:4 88:10 |
| conversation 10:21 | counsel 31:22 | curious 10:8 | dealing 78:24 | 88:16,21 92:5 |
| 12:2,2 26:16 | count 27:21 28:17 | currently 33:21 | dean 43:13 46:11 | 97:22 99:19 |
| 27:22 33:24 34:20 | 32:15 | 79:13 | 50:2 | 104:18 |
| 34:20 45:25 47:16 | country 22:14 | customer 44:13 | death 9:2 | difficult 29:3,14 |


| dining 8:18 53:10 | 101:24 104:19 | 104:16 | ERBS 17:23 | 81:18 83:24 86:16 |
| :---: | :---: | :---: | :---: | :---: |
| 57:19 | drink 4:1 9:24 31:4 | eight-hour 101:5 | ERP 49:15 | 87:25 90:17 91:12 |
| disagree 68:11 69:9 | 31:5 | either 33:6 63:10 | ERT 48:3 | 93:2 94:15 96:19 |
| 72:18 | drink's 10:1 | 63:13 64:20 66:11 | especially $51: 18$ | 104:3 |
| disclose 89:12 | drinks 25:15 | 70:10 | 100:25 101:17 | examine 72:15 |
| discussing 55:14 | drives 43:2 | eithering 45:1 | establish 35:15 | example 53:1 63:11 |
| discussion 11:12 | drop 14:13 15:2 | elevator 98:12 | establishment | exchange 18:19 |
| 76:25 | 67:15 | eligibility $13: 10$ | 98:19 | 20:6 68:19 |
| discussions 69:18 | droplets 58:2 | eligible 40:12 42:23 | estate 6:6,25 12:15 | exhibit 8:17 9:24 |
| disinfectant 97:25 | dropping 9:20 | 42:24 | 24:8 36:11 37:5 | 14:13 38:18 42:7 |
| 99:6 |  | eliminate 51:5,8 | 44:3 46:25 47:14 | 42:11 49:11 57:6 |
| disinfecting 62:9 | E | emergency 17:7 | 48:12 | 82:13 85:1,2 |
| disinfection 59:1 | E 1:7 2:24 3:21 | employ 4:19 13:23 | ESZ 35:8 | exist 59:22 |
| distance 92:7 | 4:12 5:19 7:4 | 14:10 15:11 24:5 | et 5:6 | expensive 53:10 |
| ditch 5:19 10:5 | 10:2 11:9,23,23 | 30:8 32:6,12 34:9 | etch 42:19 | experience 12:19 |
| divide 91:24 | 12:15 13:14 16:5 | employed 12:14 | etiology 4:5 17:7 | expert 2:12 61:21 |
| doctor 1:2,24 10:6 | 16:15 17:8,9,11 | employee 33:9 | 18:21 36:18 | 86:3,6,18,21,24 |
| 16:11 29:15 34:21 | 17:14 22:14 23:4 | employing 39:6 | EUBG 5:19 | 86:24 88:4,11,24 |
| 44:25 63:9 64:25 | 23:5 25:21 40:24 | employment 3:25 | EUFR 23:18 37:13 | experts 87:5 |
| 88:1 | 42:23 47:18 48:3 | 4:25 12:11 32:8 | EUFRP 14:3 46:16 | exposure 14:20 |
| document 59:2 | 50:12 | 36:16 | 47:20 49:2 | 18:3 42:15 59:5 |
| documented 34:15 | E-mail 84:13 | ended 67:15 | EUFRPB 32:9 | 74:1 |
| 34:18 | earlier 11:23 45:5 | enemas 43:8 | EUFRPBGSDZ | exposures 16:16 |
| Dodd 90:20 91:14 | 56:4 85:15 | enter 58:17 | 32:18 | extent 67:3 |
| $\boldsymbol{\operatorname { d o g }}$ 6:21 | early 23:10 24:22 | entire 84:15 | EUFRPBLDZ 49:2 | extra 48:7,10 |
| doing 4:8 9:17 11:9 | 70:8 81:17 | environment 59:23 | EUFRZ 37:12 | eye 1:14 6:12 10:13 |
| 13:3 22:4 25:10 | earn 30:5 48:19 | environmental | EUG 18:2 | 33:22 63:1 |
| 38:21 43:20 46:16 | earth 5:11 | 58:25 | EUGS 22:10 33:21 | F |
| 47:8,10,15 49:14 | ease 48:17,18 | enzyme 24:14 | 36:23 | $\frac{\text { F }}{\text { f } 37.2041 .1}$ |
| 51:23 59:12 61:15 | easier 6:2 | 47:12 | EUPBSDZ 10:14 | f 37:20 41:1 |
| 89:13 97:20 98:14 | easiest 57:3 | EP 2:16,16 12:19 | EUPZ 4:2 | face 5:10 7:14 |
| 98:19 99:24 | east 48:17,18 | 12:19 17:22 | EUZ 12:20 19:18 | 13:19 17:11 18:12 |
| don'ts 36:22 | eating 44:6 46:4 | EPA 48:12 63:5,6 | 25:19 27:23 30:17 | 26:25 27:1 28:2 |
| doned 33:20 | EB 6:3 17:24 50:3 | 100:5 | 38:24 46:10 47:2 | 28:10,18 29:24 |
| doors 68:19 | EF 42:19 | EPBL 20:3 | eve 19:6 | 40:11 42:3,4,18 |
| dorsi 18:21 | effective 25:9 56:1 | epidemiological | evens 19:5 | 42:20 48:15 |
| doubt 1:17 | 59:10 60:12 61:13 | 54:12 | evidence 60:2 | fact 37:1 40:20 |
| Dr 54:24 55:4 | 64:4 | epidemiology | 66:21 76:3,6 | 55:9 75:16 |
| 61:20,24 63:17 | EFPLTS 49:4 | 53:17 61:21 | 78:16 83:1 | factors 100:14 |
| 64:10,19 65:4,9 | EFRPBLG 32:14 | EPL 2:15 | exaggerating 55:4 | facts 66:21 |
| 65:24,24 66:3 | EFRPL 32:1 | ER 12:12 13:14 | EXAMINATION | fair 54:18,21 |
| 67:11 68:15,17 | EFRPLS 4:12 | 17:23 21:22 26:2 | 52:25 57:5 61:19 | fake 20:15 |
| 70:25 71:23 72:11 | egg 35:9 | 40:21 46:21 50:13 | 64:7 65:23 67:18 | fall 4:4 |
| 77:1 83:25 84:2 | EGS 41:19 | ERB 12:14 | 69:10 71:2 72:9 | fallacy 68:22 |
| 90:21 91:15 93:11 | eight 84:21 85:1 | ERBG 19:3 | 73:23 77:2 79:9 | falls 57:22 |


| false 27:9 39:11 | fixed 21:12 | 92:25 | give 8:11 15:17 | $\operatorname{good} 34: 848: 19$ |
| :---: | :---: | :---: | :---: | :---: |
| familiar 33:6 57:15 | flag 5:21,22 27:7 | fragments 96:17 | 21:14 27:8 30:5 | 97:11,15 |
| 71:16 72:11 | 37:19 44:22 48:24 | frame 1:24 36:22 | 32:24 43:21 48:8 | Google 57:11 |
| family 78:5 79:16 | flake $24: 6$ | framework 57:4 | 83:16 84:9,9 | Googling 103:24 |
| fan 43:21 | flame 46:20 | France 33:24 | 91:17,20,21 92:6 | 104:2 |
| far 5:22 18:21 62:4 | flaw 38:6 | frankly $61: 15$ | 93:6 95:8,11 | gotten 63:1 65:19 |
| 92:16 | flaws 69:8,12 | fray 33:10 | 97:22 | govern 11:21 15:9 |
| farm 39:23 | flew 13:9 | French 25:24 | given 27:10 33:3 | government 11:21 |
| fast 28:3,6,12 36:1 | Flinn 77:1 | Friday 4:13,21 | 85:12 88:22 92:4 | 15:9 |
| 44:19 48:14 | flip 90:18 | 21:24 35:9 | 92:20,21 | governor 69:19 |
| father 96:13 | floor 13:18 | friend 15:1 104:16 | giving 58:14 89:14 | governor's 69:22 |
| fee 12:15 | Florida 10:4,20 | front 11:18 24:17 | 92:24,25 | 70:8 82:10,13 |
| feed 10:6 | 15:22 26:9 34:6 | 38:12 102:10 | gladly 92:1 | grass 23:23 |
| feel 14:6 | 34:14 37:12 38:25 | 103:3,20 104:7 | Glove 19:20 | grave 5:2 |
| feeling 60:10 | 39:13,16 40:6,10 | FRP 1:9 14:8 15:16 | gnaw 50:18 | grease 28:17 42:23 |
| feet 57:21 | 41:10,18,24 42:21 | 20:12 21:21 23:16 | go 1:15 4:10,17 7:3 | 42:24 |
| fell 12:13 | 44:15 45:6 49:9 | 25:13 27:5 32:16 | 8:16 17:9 24:6 | great 8:12 |
| fighting 45:7 | flow 44:2 47:7 | 34:9 35:3 42:7 | 27:9 41:10 42:13 | green 11:24 |
| figure 2:9 24:12 | fly 15:24 | 48:4 | 42:18 43:23 45:5 | gross 61:16 |
| 41:20 | focus 54:18 55:2 | full 67:13 85:2 | 46:23 52:17 54:2 | group 86:11 |
| figures 16:21 | foil 4:21 31:14 43:7 | furious 29:19 | 65:25 66:2 71:3 | GSZ 32:2 |
| filer 20:4 | follow 63:16 | future 40:8 | 71:12,15 76:4,18 | Guangzhou 68:18 |
| fill 17:6,23 18:16 | fomite 51:2 59:7 |  | 82:17,21 85:11,11 | guess 28:1,8,12 |
| 19:16,17,17 20:2 | food 44:12,14 | G | 90:22 91:1 95:25 | 66:10 |
| 38:17 | 47:10 61:17 97:11 | gait 16:15 | 96:6,15 97:23 | guideline 47:9 |
| filler 19:10,15 | 98:7,18 | gall 25:23 | 99:13 101:20 | guiding 57:17 |
| filter 20:4 | foot $14: 11$ | gallon 25:23 | 102:1,3,9,15 | guy 13:18 19:9 24:2 |
| filters 19:24 20:2 | force 5:10 | gas 28:5,21 31:15 | 104:8,9 | 99:2 |
| final 42:22 | forever 9:1,6 | gate 16:15 | goal 55:18 | guys 98:4 |
| finally 50:24 | form 10:20 16:9 | gauge 34:24 | goes 17:8 22:3 25:3 | gynecology 23:3 |
| find 22:23 39:21,23 | 26:6,18 52:7 61:1 | gauze 20:11 | 57:25 | 48:23 |
| 51:25 56:6 75:2 | 62:20 63:22 65:2 | gen 77:13 | going 2:6,13 3:17 |  |
| 86:3,17,21 88:4 | 66:16 68:6 70:19 | general 19:24 36:4 | 10:16 15:2 26:14 | H |
| 88:11 89:11,15 | 76:12 77:19 80:10 | 42:18 44:18 46:1 | 54:15 56:17 57:6 | H-FRP 29:7 |
| finding 52:22,24 | 102:23 103:7 | 48:19,20 53:20,21 | 60:2 61:11 62:11 | HA*EUFRPBGS... |
| 59:23 72:16 | formals 14:13 | 101:16 | 63:8,15,25 64:6 | 1:4 |
| fine 25:25 29:11 | forms 15:2 | generally 77:13 | 66:5,7 67:20,23 | habit 37:24 |
| 39:21 93:23 | forward 104:7 | 80:6,7 81:3 99:10 | 68:2,25 69:9,17 | HAEPLGS 29:21 |
| finish 76:5 | fought $21: 5$ | 99:12 | 70:3,4,5,6 72:10 | HAEUPB 18:8 |
| first 11:6 21:2,8,11 | foul 21:25 | generated 77:17,23 | 72:18 73:4 74:12 | HAEUS 29:20 |
| 35:22 71:4 78:2 | found 39:10 41:13 | 79:14 | 75:8,9,21 79:13 | 39:11 |
| 78:23 79:3,4,12 | 77:5 96:11,18 | gentlemen 5:19 6:3 | 82:11,12 89:23 | HAG 9:20 |
| fit 19:6 | four 12:21 14:10 | Georgia 22:10 | 90:19 93:21,21 | half 14:10 |
| five 19:1 21:2 83:16 | 21:2 44:2 45:8 | GI 79:16 | 95:1,1,25 101:21 | HALGS 42:3 |
| fix 60:13 | 71:5 80:11 84:18 | gist 31:24 | 104:12 | Halloween 23:7 |


| hand 43:7 | 103:16 | husband 98:24 | increased 97:15 | 21:12,13 22:17 |
| :---: | :---: | :---: | :---: | :---: |
| handing 19:2 43:1 | hitting 9:21 | HVAC 20:3 | 98:10 | 26:17 32:5 35:16 |
| handle 40:2 | hold 78:18 | hygiene 44:18 | indicated 81:22 | 38:20 42:13 49:3 |
| hands 58:4,16 | hole 22:25 23:18 | 54:14 97:11 | Indicating 56:3 | interested 55:23 |
| handwashing | home 12:25 13:1,4 | hypothetical 65:11 | indoor 57:19 | 85:23 |
| 58:24 | 13:15 58:25 |  | industrial 54:13 | internal 10:21 |
| hang 45:14 | homework 50:11 | I | infected 21:17 | interpret 74:14 |
| HAOEUFLlys 34:1 | honest 13:17 25:23 | I'ving 37:8 | 23:11 | interventions 55:12 |
| HAOEULT 26:20 | 44:12 84:24 | IC 18:17 | infection 58:6,18 | investigation 96:16 |
| happen 41:4 60:2,5 | hose 7:10,11,22 | idea 5:25 6:5 24:6 | 59:11 66:5,6 | invoice 101:8 |
| happens 41:12 | 47:17 | 27:20,24 28:1,8 | infectious 60:11 | invoices 100:16,21 |
| HARB 23:6 | hospital 39:17 | 34:22 51:13 87:1 | infectivity 69:3 | 100:23,25 |
| hard 8:17 13:7 | 51:16 | ill 1:5,7 3:17 13:8 | influence 7:6,7 | involve 9:4 19:7 |
| haul 45:7 | hospitali | 17:25 65:15,15 | 35:8 | 37:9 |
| health 15:9 46:11 | 79:5 | illness 1:3 | inform 1:23 23:11 | involving 88:24 |
| 55:12 62:3 70:2 | hot $24: 23$ | imagine 8:2 | 24:2 31:5,21 | ionic 53:8 |
| 80:2 | hour 31:6 45:9 | important 26:13,19 | 37:18 39:21 41:16 | irate 22:20 24:3 |
| healthcare 51:19 | 98:13 | 29:16,23 30:13 | 42:24 47:21 49:6 | issue 2:4 9:15 34:22 |
| hear 16:13 83:25 | hours 35:13 36:10 | 59:1 78:14 89:11 | information 2:16 | 49:25 |
| 92:12,13 | 37:1 44:2 67:13 | 89:15 | 28:22 29:18 62:23 | issued 77:14 81:22 |
| heard 75:11 | 75:1 77:6 78:9 | In't 46:3 | 77:15 78:11 79:22 | issues 97:24 |
| Hebert 37:4 | 95:7,18 | inaudible 64:2 67:5 | 82:20 98:4 104:10 | issuing 58:10 |
| held 52:17 83:22 | house 37:5 | 67:9 72:8 73:24 | informed 16:6 | itch 48:7 |
| 84:7 85:20 86:10 | household 99:1 | 76:2 80:3 81:12 | initial 75:21 |  |
| help 18:15 20:7 | HR 17:8 | 82:2 87:15,17,20 | ink 53:6,10 | J |
| 59:5 88:19 | HR-FRPLG 8:7 | 88:8 89:7 94:4 | inside 27:9 65:25 | J.S 52:17 84:7 |
| HEPA 100:6,6 | HR*EUPL 10:15 | 99:11 100:5 | 66:2 | 85:20 86:10 |
| hepatitis 18:16 | HRA*EFR 46:8 | 103:23 104:1 | inspect 7:10 | jogged 104:13 |
| 19:10,20,23 | HRA*FRP 30:17 | inch 10:14 11:6 | insurance 29:20 | John 7:6 |
| HEPB 19:18 | HRALGS 34:14 | 13:8 14:2,21 | 85:13,19,22 91:8 | journal 103:2,3 |
| HEPZ 32:25 | HRAOER 31:14 | 15:10 17:18 18:7 | 101:11 | 104:6 |
| hey 29:4 | HRAOEUBGZ | 18:9,16,23 20:1,5 | insure 10:14 11:6 | judge 6:25 38:9 |
| hid 47:2 | 18:4 | 21:12,13 22:17 | 13:8 14:2,21 | 67:6 |
| high 12:11 24:25 | HRAOPB 46:13 | 26:17 32:5 35:16 | 15:10 17:18 18:7 | July 26:12,12,13,13 |
| 25:2,17,25 26:5 | HRATSD 40:21 | 38:20 42:13 49:3 | 18:9,16,23 20:1,5 | 26:21,25,25 |
| 29:17 41:22 | HRAURGS 44:1 | including 59:11 | 21:12,13 22:17 | junk 66:22 |
| higher 20:4 79:4,5 | HREUFRPB 30:24 | 74:3 79:16 | 26:17 32:5 35:16 | K |
| highlighted 71:16 | HRO 31:2 | incorrect 20:20 32:1 36:7 71:1 | $38: 2042: 13 ~ 49: 3$ 4 | K 2:24 |
| 73:1 | HRO*FRZ 39:12 | $32: 136: 771: 1$ increase 17:1,12, | intact 42:6 51:22 | $\begin{aligned} & \text { K 2:24 } \\ & \text { K-FRP20: } \end{aligned}$ |
| highly 60:10 | HROEPBL 50:14 | increase 17:1,12,14 | 52:3,14 | K*E 3:20 |
| Hill 53:12,13,24 | HROEUPB 22:15 | 17:24,25 18:6,7 | interaction 7:18 | KA 1:13 46:25 |
| 54:1 55:15,17 | HRUTSing 17:16 | 18:10,15 19:3,5 | interest 10:14 11:6 | KA 1:13 46:25 <br> 47.24 |
| 56:24 57:1 | human 7:7,16 | $19: 16$ 20:2,4 48.11 62:6 96.24 | 13:8 14:2,21 | 47:24 <br> KAEULGTS 35:10 |
| hire 26:13 hired 99:12 101.9 | hundred 6:24 hung 67:16 | $\begin{aligned} & 48: 1162: 696: 24 \\ & 97: 6 \end{aligned}$ | $15: 1017: 18 \quad 18: 7$ $18: 9,16,23 \quad 20: 1,5$ | KAOEUG 35:2 |
| hired 99:12 101:9 | hung 67:16 | 97:6 | 18:9,16,23 20:1,5 |  |

keen 36:24
keening 22:22
keep 5:10 23:4
57:18 58:15 63:8
83:12 90:21 91:1
93:25 95:1,1,25
97:5
keeping 69:25 70:1
KEL 29:17
KEULTD 23:24
KEUP41:18
key 2:24 30:5 35:2
KHEPBL 1:11
kids 45:12 101:21
kin 2:25,25 3:1,1
3:13 21:10
kind 3:20 6:1 7:8
14:24 35:11 43:23
46:11 61:16 78:15
85:25 90:18
kinding 45:7
kinds 88:18
knee 7:3
knees 41:21
knew 74:22 79:22 79:23 81:14,17
know 2:12 3:15
10:13 12:13 13:5
18:21 20:12,24
21:1 22:20 26:14 27:7,11,11,16,23 28:10, 10, 17 31:15 34:6,22 39:14,18 40:19 42:8 43:14 50:19,20 51:7,22 53:2,6 54:8,11 55:11 56:15,21 59:22 65:5,14,15 65:15 66:12 67:22 68:3 69:24 72:19 72:24 73:2 74:21 74:23 79:1,2,3,25 81:16 82:3,16 83:6 85:23 91:6 95:18 98:3,5

$$
\begin{array}{|}
\text { 100:11 102:8,8 } \\
\text { 104:4,6 } \\
\text { knowing 42:5,9 } \\
\text { 45:15 55:23 } \\
\text { knowledge } 11: 10 \\
\text { 16:2 } 21: 22 \text { 29:24 } \\
\text { 45:18 48:17 }
\end{array}
$$

known 2:7 39:18 51:18,18
KO*FRP 33:24
KOEF 31:22
KOEPBL 45:20
KOEUFR 30:9
KOEUG 2:8
KOEZ 6:18
KOFPB 44:20
KOPBL 43:22 47:3
KOUBSZ 47:15
KOUFRP 41:21,21
KOULG 37:25
KOULTZ 35:24
KOUPBL 31:25
KP*EFRP 6:21
KPAELG 41:20
KPAOEULG 13:25
KPAOEULGS 35:16
KPAOG 43:20
KPAULG 7:15
KPEU 50:7
KPHAEPBG 17:15
KPHAOEULGD 50:9
KPHARP 50:10
KPHEP 7:23
KPHOEUPB 1:5
KPHRALGS 23:25
KPHRAOEBLG 6:20
KPHRAOERPB 15:24 44:8
KPHRAOERPBi... 47:13
KPHRAOEUPB...

| 16:5 | KREULTDZ 13:8 | 73:12 74:10,11,13 |
| :---: | :---: | :---: |
| KPHREPL 8:4 | KREUSZ 18:9 | 74:16,16 75:14,16 |
| KPHROEPB 44:22 | Kristen 70:22 | 82:14 |
| KPHROLGSed | 71:13 | languages 6:15 |
| 28:6 | KROELGs 6:13 | large 8:22 20:20 |
| KPHROSZ 14:14 | KROPB 6:23 | 23:24 30:21 101:1 |
| 15:13 | KROUP 29:8 | latchs 7:21 |
| KPHRUDZing | KROUPBL 6:11 | latent 66:20,21,22 |
| 50:21 | KULS 47:11 | law 5:2 |
| KPHRUS 5:16 | KW-G 28:23 43:11 | laws 5:8 |
| KPO 15:21 | 44:20 | lay 36:11 |
| KPOEPB 14:5 | KW-PB 22:2 | laying 6:9 32:13 |
| KPOES 28:2 | KWAEUG 4:3 | lease 15:4 |
| KPOEU 6:21 | KWALG 19:9 | leery 29:9 |
| KPOEULGS 49:23 | KWAOEG 46:11 | left 60:15 89:7 |
| KPOEUPB 49:22 | KWAOEUG 12:3 | 101:6 |
| KPOEUPBLG | KWAOG 3:25 5:1 | leg 3:11 |
| 1:10 | 41:23 | legal 74:16 87:5 |
| KPOFR 19:19 | KWAUG 30:25 | 88:14 |
| 44:17 | KWEPZ 27:19 | lesser 82:4 |
| KPOG 46:8 | KWEUPBL 14:1 | let's 23:17 60:9 |
| KPOPB 34:1 42:15 | KWOELGS 46:2 | 70:20,22 71:3,11 |
| KPORPB 34:10 | KWOEPB 43:17 | 85:11,11 95:25 |
| KPOUPB 28:8 | KWOEUG 45:13 | 97:21 |
| 32:3 | KWOEUPB 2:16 | letter 55:5 |
| KPOUR 3:19 39:4 | 32:20 | letters 86:3 100:14 |
| KPWAEU 27:25 | KWOG 16:10 | LGZ 41:14 |
| KPWAEUS's | KWOUPB 32:11 | liaison 90:24 |
| 38:25 | KWRAOEUBG | lie 1:1,1 6:14 11:2 |
| KPWAO*EUFR... | 45:4 | 13:20 25:25 |
| 45:18 | KWRAOEUT | life 16:20 46:16 |
| KPWAOEP 36:10 | 30:21 | light 11:4 |
| KPWAPB 17:5 | KWRAUR 31:8 | line 1:10 12:11 33:2 |
| KPWHR*EUFRP | KWREUG 1:10 | 34:21 40:24 41:1 |
| 47:20 | KWROEPB 44:10 | 41:15,20 43:19,20 |
| KPWOEUPB | KWU 8:10 | 45:25 48:8 58:23 |
| 45:20 |  | 72:23 |
| KPWR 15:8 | L | lines 100:19 |
| KRAOEPBing | laboratory 37:2,7 | list 14:13 54:4 |
| 43:2 | 59:22 74:23 75:2 | 88:25 89:6 99:15 |
| KRELG 7:17,21 | 75:17 77:5 95:9 | 99:18 |
| KRELGs $7: 11,12$ | 95:12,17 | listed 67:19 90:6 |
| KRELS 29:20 | lag 4:20 | listened 67:11,12 |
| KREUBGS 49:17 | language 6:14 | lists 7:10 |
| KREULT 7:22 | 71:17,22 72:11,25 | lit 18:1 |


| literature 54:5,7,9 | LS 17:2 49:12 | mate 9:7 | 49:6,6,22 | mouth 58:6,17 63:1 |
| :---: | :---: | :---: | :---: | :---: |
| 54:17 | luggage 25:21 | Matt 92:12 | Miller 52:6 56:12 | move 44:24 |
| little 2:25 35:13 | lying 6:9 | matter 47:16 54:2 | 60:21,25 61:6 | Moye 54:24 55:4 |
| 46:5 75:1 78:9,25 | M | 65:13 | 62:19 63:21 64:22 | 63:17 64:10,19 |
| 95:18 | M | maximum 19:25 | 65:1 66:15 67:2,8 | 65:4,9,24 66:3 |
| live 96:11,14,17 | M 2:24 | mayor 70:8 71:3,5 | 67:21 68:5,8 | 68:15,17 70:25 |
| livly 21:15 | mail 4:16 10:25 | 71:15 | 70:14,18 71:20 | 101:24 |
| Lloyd's 61:21 | 17:11 41:18 | mayor's 69:19,23 | 72:14,22 76:11 | Moye's 66:17 67:11 |
| lobe 1:17 | main 6:19 21:10 | 71:10,12 74:11 | 77:18 80:9,18 | multiple 97:25 99:5 |
| located 5:17 | 34:3 36:1 38:8 | mean 15:22 17:19 | 81:5 83:18 85:16 |  |
| locations 59:24 | 41:6 49:14 54:18 | 28:12 30:16 34:14 | 86:23 87:8,11,12 | N |
| 99:19 | 90:24 103:14 | 46:14 54:4 55:9 | 89:3,16,21 91:3 | N 5:20 6:8 |
| lock 5:8 31:16 | maintain 99:4,14 | 56:2 63:4 88:10 | 92:11 93:10,14,20 | name 6:7 9:17 17:5 |
| $\boldsymbol{\operatorname { l o g } 9 : 7} 17: 7$ 27:16 | major 45:6 62:3 | 100:6 | 93:22 94:1,5 | 23:1 29:8 43:2 |
| logged 39:11 | 98:20 | means 74:1 | 95:22 96:1 102:22 | 45:21 50:9 91:15 |
| $\operatorname{logo} 86: 19,20$ | making 13:22 | measure 51:9 | 103:9,18 104:15 | names 102:8 |
| London 61:21 | 67:24 | measures 59:11 | mind 8:1 11:8 | near 15:10 35:9 |
| long 9:19 38:4 84:6 | male 10:25 | 64:14 | 57:18 58:15 84:4 | necessarily 11:11 |
| longer 8:15 37:21 | malingering 6:24 | medical 24:15 74:2 | mine 3:3 41:9 84:8 | 16:14 18:17 88:14 |
| 75:1 77:6 78:9,10 | man 8:23 31:21 | member 17:3 | minute 31:5 43:10 | 91:17 95:10 98:7 |
| 95:19 | manage 38:3 50:21 | members 78:5 | 104:16 | 99:18,23 100:1 |
| look 1:18 3:3,7,9,9 | management 88:17 | memory 102:1,4 | minutes 83:16 | need 11:11 35:5 |
| 3:18 4:2,13,24 | 98:9 | men 25:22 | 104:11 | 56:6,23 70:24 |
| 11:21 21:23 24:2 | managers 100:10 | mention 41:17 | mischaracterizat... | 71:21,21 87:24 |
| 24:9,10 28:21 | mans 24:10 | 51:10 | 81:7 | 88:19 92:13 93:25 |
| 47:23 50:1 53:19 | manufacture 13:4 | mentioned 40:4 | mission 16:18 | 97:2 99:14 104:11 |
| 54:5,6,7,14,16 | 26:19 30:23 | 56:5 57:2 85:15 | mitigate 62:5 | negate 103:16 |
| 56:5 64:13 71:8 | $\boldsymbol{\operatorname { m a p }} 38: 1$ | 90:4 101:24 | mitigation 55:10 | neighborhood |
| 71:10,11 78:9 | March 12:7 13:15 | mentions 102:13,14 | 56:16,19 60:13 | 24:20 |
| 82:23 95:12 97:21 | 13:16 23:17,24 | 102:17 | 61:13 62:2 | nephew 47:10 |
| 100:13 | 24:1,22,25 47:17 | merchandise 27:9 | model 53:21,24 | nerve 2:3 7:19 |
| looked 28:20 52:21 | 70:9 71:12,14 | method 43:8 | modeling 50:24 | 31:15 47:12 |
| looking 52:18,19 | 75:3,12,12 77:23 | mid 16:15 18:11 | mom 50:20 | net 6:3 |
| 56:6,9 78:6 | 78:10 79:11,20 | 34:24 | Monday 8:12 29:8 | never 3:21 27:25 |
| 101:12,16 | 82:15,19 | middle 12:8 | money 8:12 29:8 | 92:19 98:11 103:1 |
| loss 73:13 | margining 24:14 | Mike 38:5 46:12 | monitor 52:18 | 104:8 |
| lost 99:8 | mark 9:2 50:17 | mild 21:6 | monitoring 100:15 | nevertheless 55:7 |
| lot 39:18 75:15 | 85:1 | mile 21:3 104:16 | months 12:25 | new 23:2,11,18,21 |
| 82:19 88:15 | marker 52:19 | milepost 1:18 | 26:24 84:21 | 24:11 26:24 29:5 |
| 104:13,20 | market 17:10 | miles 34:25 | $\operatorname{mood} 24: 5$ | 47:10 54:25 66:6 |
| Louisiana 1:2 | marketing 86:5,11 | mill 1:3 8:10 13:23 | moor 12:7 | 69:3 101:2 |
| 14:19 22:18 46:10 | married 23:21,22 | 13:24 15:17 17:24 | morning 39:11 | Newton 5:9 |
| 49:9 66:6 | mask 18:12 | 18:13 24:16,16 | mortality 79:4 | night 67:12 |
| low 23:4 | mass 2:24 8:1 13:6 | 26:6,6,18,18 | motel 42:8 | nil 44:10 |
| lower 20:15 59:5 | mat 3:13 | 28:25,25 45:22 | mount 29:20 | nine 41:9 45:1 50:5 |


| noise 4:3 | 66:16 68:6 70:15 | 28:4 32:16 33:14 | 77:14 82:11,13 | 54:2,4 62:14 |
| :---: | :---: | :---: | :---: | :---: |
| nones 24:2 | 76:12 77:19,19 | 43:25 48:2,3,6,21 | 97:4 99:4,14 | 67:24 86:2 90:22 |
| normal 42:5 46:11 | 80:10 81:6 85:17 | 50:12 53:1,11,22 | orders 69:20,23,23 | 90:22 97:23 |
| 99:11 | 87:9 89:4,17 | 54:10 55:2,15 | 70:9,9,10 | pages 18:4 |
| normally 92:24 | 102:23 | 56:23 57:17,25 | ordinary 49:20 | paid 7:8 15:4 17:5 |
| 98:6 | objects 42:16 | 58:9 59:13 60:5 | organ 1:11 | pain 43:4,14 |
| north 24:22 | obtain 99:5 | 60:16 62:10 63:14 | organism 6:19 | pair 16:14 19:3 |
| nose 58:5,17 | occasionally | 63:17 64:8 68:13 | organizations | pan 6:16,16 11:24 |
| note 35:24 | 100:20 | 69:11,13,15 70:8 | 83:10 85:14 86:6 | 13:2,2,3,3 29:18 |
| nother 76:25 | occupancy $30: 16$ | 70:12 71:19 72:21 | 87:4 88:10,14 | 30:13 |
| notice 1:15 3:20 | occupant $27: 10$ | 75:20 76:21 77:3 | 89:14 | panic 96:14 |
| 4:25 15:5 22:1 | occur 7:20 10:18 | 80:6 81:19,23 | original 8:16 | PAOEFPB 20:11 |
| 27:17 32:21 33:19 | Oceana 66:1,7,18 | 82:10,23 83:19 | Orleans 23:2,11,18 | PAOEG 17:10 |
| 36:21 38:7 39:5 | 97:4 98:2 99:4,13 | 84:11,13,19 85:5 | 23:21 24:11 29:5 | PAOEPB 8:24 |
| 40:23 42:20 43:19 | October 26:11 57:7 | 86:17 88:9 89:20 | 54:25 66:6 69:3 | 21:11 22:9 23:11 |
| 44:16 48:4 | 58:9 83:2,5 89:9 | 91:1,23 93:3,8 | 101:2 | PAOERPBL 18:4 |
| noticed 3:20 4:25 | OEB 31:16 | 94:16,20,25 95:5 | OULS 12:12 | PAOEUFPB 18:10 |
| 15:5 32:21 33:19 | OEF 46:23 | 95:21 96:9,22 | OUSZ 45:21 | PAOEUPBL 13:22 |
| 36:21 38:7 39:5 | OEL 28:9 | 98:14 99:2 100:13 | outdoor 57:19 | PAPBL 11:10 |
| 40:23 42:20 43:19 | OEP 30:20 | 103:6 | outside 6:4 43:3 | paper 8:24 11:17 |
| 44:16 48:4 | OER 6:21 32:21 | old 18:23 96:13 | 98:5 | 40:8 75:4 102:10 |
| notify 3:20 4:25 | 50:17 | omit 89:2 | overlook 101:7 | papers 79:17 102:8 |
| 15:5 32:21 33:19 | OEUFRPBLG | omitted $88: 25$ | owe 11:25 25:19 | 102:9 |
| 36:21 38:7 39:5 | 49:3 | once 14:8 25:6 | 28:1 30:20 31:1,3 | paragraph 11:23 |
| 40:23 42:20 43:19 | OEUP 32:6 | ones 91:25 92:1 | 31:16 46:23 | 58:1 |
| 44:16 48:4 | offer 9:2 19:24 | 104:6 |  | park 31:24 |
| November 16:2 | 82:12 | onsite 57:18 | P | part 54:22,23 75:23 |
| 28:20 82:25 | office 13:16 99:21 | open 1:19 4:6 27:4 | P4:2 10:25 14:13 | 77:9 80:21,25 |
| number 24:11 25:1 | 100:10,12 101:1,4 | 55:1 56:20 57:11 | 16:4 23:17 26:16 | 91:15,18 92:2,10 |
| 25:2 46:22 59:3 | 101:4,6,17 | 68:19 69:5 | 31:14 33:17 41:7 | particular 77:24 |
| 66:1,4 | OFRLS 14:8 | opened 69:5 | 42:19 44:18 | 84:8 |
| numbers 28:15 | OFRPBS 14:7 | operate 1:19 | P-FR 29:21 | particularly 75:13 |
| 79:15 | oh 11:25 25:19 | operators 59:4 | P-FRP 26:21 | partners 47:18 |
| nurse 42:17 | 27:25 28:1 30:20 | opine 74:19 | P-FRPBLG 2:5 3:3 | pass 19:12 |
| 0 | 31:1,3,16 46:23 | opined 55:7 | 23:20 37:23 46:7 | passenger 19:12 |
| O 22:25 |  | opinion 10:11,22 | P-FRPBLGS 28:19 | 14:23 17:8 |
| O*EUFRPBLGS... | 27:21 29:2 32:22 | 21:3 25:4 29:24 | 41:2 45:5 | patients 39:18 |
| 32:17 | 33:1 | 33:15 70:3 | PABGS 26:11 | PAULG 6:1 |
| ob 37:20 41:1 | oil 17:21 29:16,17 | opinions 10:10 | pad 31:1 | paw 12:21 |
| OBGTS 44:7 | 31:3 38:3 39:10 | 54:19,22,23 67:22 | PAEPB 19:16 | pay 16:24 |
| object 26:6,18 | okay 1:15 2:19 4:7 | opportunity 19:6 | PAF 45:12 | payable 27:4 |
| 62:20 72:23 | 8:12 11:13,19 | 25:17 | page 11:22 12:9 | peep 66:1 |
| Objection 52:7 | 12:17 13:12 14:18 |  | 14:10 20:19 40:24 | peer 10:5 |
| 60:22 63:22 64:23 | 15:23 25:2,12 | $\text { order } 71: 11,12,15$ | 49:16 50:1,23 | pen 8:24 9:2,8 |


| people 12:16 17:5 | PH-FRPBLG 31:8 | phone 27:8 | PHRAO*EUFRP | PHREULT 38:13 |
| :---: | :---: | :---: | :---: | :---: |
| 20:20,24 21:1,10 | PHAEFRP 41:15 | PHOPBG 35:13 | 32:7 | PHREUPB 8:23 |
| 21:15 25:20 26:14 | PHAEPB 3:11 | PHOULTSDZ | PHRAOEUBLG | 29:6 |
| 29:10,22 30:4 | PHAEULS 42:14 | 35:24 | 35:6 | PHREUPBLT |
| 36:24 37:16 38:23 | PHALGSs 48:14 | PHR-Bly 19:1 | PHRAOEUFL | 35:14 |
| 43:21 44:1,25 | PHALTS 48:15 | PHR-FRP 10:23 | 35:15 | PHREUPL 35:10 |
| 45:8 46:3,23 47:3 | PHAOELZ 47:17 | 28:17 | PHRAOEUFRP | PHREUPLed |
| 58:3 61:14,16 | PHAOEUF 23:13 | PHR-FRPBLG | 36:13 | 28:13 |
| 62:24 65:25 66:1 | 31:20 | 20:9 24:9 | PHRAOEUFRPB | PHRO 33:4 42:6 |
| 66:5,7 84:10 | PHAOEUFP 14:12 | PHR-FRPBLGS | 14:4 36:14 | PHRO*EUFR 38:3 |
| 85:23 88:16,18 | 19:25 | 15:7 | PHRAOEUFRPZ | PHROEPBLG |
| 92:5 100:24 101:2 | PHAOEUFR 40:11 | PHR-G 18:25 | 32:10 | 43:4 |
| percent 22:6,9,23 | PHAOEUG 31:17 | 37:25 | PHRAOEULG | PHROEUFRPB |
| 24:4,12,13 30:15 | 38:19 43:11 45:22 | PHR-S 24:16 | 1:20 | 10:17 |
| percentage 20:20 | PHAOEUP 43:17 | PHR*E 3:21 49:10 | PHRAOEULGZ | PHROEUG 32:13 |
| 21:15 22:4,9 | PHAOEUPBL | PHR*EUF 15:8 | 46:2 | PHROUFP 39:3 |
| percentages 23:10 | 47:15 | PHRA 1:13,21 3:11 | PHRAOEUP 32:8 | PHRUL 34:11 |
| periods 74:5 | PHAOEUPZ 3:10 | 4:6 5:7 6:21 | 38:2 45:14 | PHRULS 17:25 |
| permanent 9:13 | PHAOEUR 31:25 | 19:11 22:17 35:18 | PHRAOEUPBLG | physical 7:24 |
| permission 84:16 | PHAOG 10:4 50:6 | 36:15,17,23,25 | 36:15 | physician 1:3,4 |
| PERPTSs 9:24 | PHAOUR 46:10 | 38:8,24 47:1 | PHRAOEUPs 1:6 | 27:18 |
| person 14:14,14 | PHARPBS 16:11 | 48:17 49:8 | PHRAOEUPZ | physics 2:21 8:6 |
| 23:25 39:25 45:17 | PHEFPBL 28:15 | PHRA*EUFR | 26:24 47:2 | piece 54:16 86:5 |
| 47:10 60:15 62:17 | PHEPBL 24:16 | 29:22 | PHRAOEUR 1:5 | pieces 54:1 |
| 65:6,22 81:1 | PHERP 14:13 | PHRA*FR 43:20 | PHRAOEURB | pig 7:6,7,8 35:10 |
| 92:22 | PHESZ 1:7 | PHRAB 36:9 40:17 | 23:7 | pint 46:24 |
| person-to-person | PHEUFR 29:18 | 48:25 | PHRAOEURPB | pit 22:1 |
| 74:4,22 75:19 | PHEUFRB 41:14 | PHRAEG 38:17 | 12:10 | pitch 50:18 |
| 76:7,15 79:24 | PHEULG 1:3 4:16 | PHRAER 12:6 | PHRAOG 27:16 | place 15:20 19:15 |
| 81:2,15,17 82:5 | 23:13 27:15,15 | PHRAEUB 1:13 | 32:20,23 | 27:3 29:6 30:8 |
| 82:17 | 32:23,23 | 36:24 | PHRAOULGS | 41:11 46:17 |
| personal 18:18 | PHEULGS 44:4 | PHRAEUFP 4:14 | 50:10 | places 39:17 |
| 58:23 | 46:1 | PHRAEUFR 33:1 | PHRAOUP 45:3 | plain 6:22 8:23 |
| personally 76:16 | PHEUTDZ 20:10 | PHRAEUFRP 1:19 | PHRAULG 39:22 | 21:24 31:17,24 |
| personnel 18:18 | PHEUTS 4:2 20:9 | 17:12 38:7 46:18 | PHRAUP 16:10 | 32:23 39:2 42:11 |
| persons 22:24 | PHEUZ 37:7 | PHRAEULG 3:13 | PHRAUR 47:17 | 43:20,25 |
| perspective 44:13 | PHOEFP 13:5 | 18:8 48:15 | PHRAUZ 34:24 | plaintiff 41:17 |
| 47:11 | 42:25 | PHRAEULS 45:1 | PHREGS 35:5 | plan 6:14 25:25 |
| PEU 4:4 | PHOEUB 1:25 | PHRAEULTS | PHRELS 50:19 | 31:20 33:3 |
| PEUFR 42:8 | PHOEUBG 44:20 | 17:10,13 | PHREUFRZ 40:18 | plaque 5:22 10:6 |
| PEUFRPBLG | PHOEUG 47:1 | PHRAEUP 6:1 | PHREUL 23:13 | plate 28:22 37:1 |
| 35:14 | PHOEUPBG 1:8 | PHRAEUPBL 11:7 | 32:2 49:22 | 39:7,20 |
| PEUGS 20:11 | PHOEUPBT 32:14 | PHRAFRPBL 5:25 | PHREULG 35:15 | plates 9:16 15:12 |
| 35:25 | PHOEUR 16:10 | PHRAO*EUBG | 45:22 | plausible 55:24 |
| PEULGS 33:10 | PHOLG 4:16 | 7:17 | PHREULGS 36:22 | play 3:12 5:21 6:10 |

KAY E. DONNELLY \& ASSOCIATES
504.299.8220

| 8:5 12:5 15:12 | 92:10 | PREUPBL 14:25 | 47:19 | PWHROEUPB |
| :---: | :---: | :---: | :---: | :---: |
| 21:24 23:1 25:24 | PowerPoints 84:5 | PREUs 48:7 | provision 72:16 | 14:6 32:11 |
| 28:12 34:2,9 35:9 | pox 12:13 | prevent 16:5,18,20 | 75:23 | PWHROU 36:1 |
| 37:5 38:17 42:4 | practice 18:2 47:9 | 16:24 34:9 35:5 | pry 7:12 44:21 | PWR-G 48:25 |
| 47:10 48:14,19 | 48:19 53:15 | 59:12 | 48:14 | PWRE 39:12 |
| playing 23:14 | practices 58:24 | prevention 58:24 | public 15:9 32:4 | PWRER 35:8 |
| 31:17 42:4 | 63:16 65:20 97:11 | 59:10 | 55:12 62:3,3 70:2 | PWROEUFRPB |
| plea 42:12 | 99:5,14 | pride 22:1 | 80:2 | 49:16 |
| please 4:22 13:24 | PRAEPB 47:3 | primary 96:16 | publish 32:4 |  |
| 15:16 35:12 38:20 | PRAERBS 36:17 | principally 13:15 | published 62:3 | Q |
| 93:16 | PRAEUB 7:12 | principle 5:5,7 | pull 57:6 70:17,20 | quality 20:4 42:25 |
| plugs 10:12 | PRAEUFL 10:4 | principles 54:15 | 70:22,24 84:25,25 | quantity 40:10 |
| plum 41:14 | PRAEUL 16:9 | 57:17 58:15 59:2 | 101:25 102:9 | Quarter 25:25 |
| POEUG 1:14 | PRAEUP 34:19 | prior 6:5 9:7,20 | 104:9 | quarts 19:1 |
| POEULG 1:20 | PRAEUPB 15:1 | 21:8 27:23 31:16 | punish 19:18 | question 3:12 8:10 |
| POG 42:5 | 44:3 | 48:16 90:16 | PUPBL 11:14 | 13:24 15:18 16:9 |
| point 27:13 53:23 | PRAOEUP 48:16 | private 101:19 | purpose 25:17 | 16:17,22 24:8 |
| 64:15 78:8 82:24 | PRAOEUPB 21:5 | PRO 43:3 48:12 | push 82:11 | 27:17,18,19 28:25 |
| 94:22 | PRAPB 44:6 | probabilistic 68:23 | put 19:15 86:15 | 35:18 45:4 46:1 |
| police 3:18 5:10 | pray 28:22 48:14 | probably 21:1 | 88:25 91:4 103:20 | 52:9 55:16 62:15 |
| 15:11 31:10 36:2 | pre 65:16 | 23:22 60:11 94:24 | PW-B 5:10 | 62:16 63:8,23 |
| 42:17 44:17 | pre-COVID 61:16 | problem 84:6 | PW-FRP 4:22 | 64:19 65:2 66:17 |
| policies 91:8 | pre-ill 65:16 | process 99:11 | 42:13 | 66:19,23 68:7 |
| poor 26:4 | preached 34:3 | processed 10:8 | PW-PBLDZ 15:3 | 69:7 70:7,19 |
| pop 22:9 | preceding 35:20 | proclamation 71:7 | PWA 14:8 | 76:13 77:20 80:11 |
| population 73:25 | prepared 102:18 | 74:12 | PWALGTDZ 14:6 | 93:15,16 94:7 |
| PORB 29:25 | 103:1,15,19 104:5 | PROEFRP 47:16 | PWAULGT 6:2 | 102:24 |
| pore 2:8 9:10 24:4 | PREPB 41:15 | PROEUB 40:24 | PWER 7:4 | questioning 72:24 |
| 26:23 28:23 29:18 | presence 52:21 | PROEUDZ 31:21 | PWEULGDZing | questions 72:14 |
| 30:11 | present 39:6,8 | PROEUP 39:9 | 18:24 | quick 4:17 |
| port 2:8 | 44:18 52:24 91:18 | projects 100:15 | PWHAES 49:7 | quite 17:15 31:10 |
| portion 84:14 | presentation 84:9 | prolonged 74:5 | PWHAEUP 43:12 | quote 58:8 59:20 |
| positive 22:20,24 | 84:16 85:13 86:12 | prone 16:10 | PWHAOEUG | 83:4 |
| 23:1,19 24:3 60:7 | 86:14 87:22 88:2 | PROPBLG 6:9 | 24:12 | quoted 72:20 |
| 65:6 100:12 101:3 | 88:23 90:3 91:16 | propensity 74:3,4 | PWHRAEU 34:8 | quotes 36:8 |
| 101:20 | 91:18 92:3,9,10 | 76:8,16,19 | PWHRAO 36:18 |  |
| possibility 35:25 | 92:20,21,24 93:1 | property 56:7 60:3 | PWHRAOEFRPB |  |
| possible 16:21 | 93:6 94:23 95:8 | 73:13 82:18 84:7 | 17:21 | R 12:9 17:8 |
| 18:21 59:8,10 | presentations 84:4 | 96:25 | PWHRAOEUFRP | R*EUFRP 10:11 <br> R*F6:8 |
| potential 15:13 | 84:20 88:21 89:1 | protein 6:8 7:18 | 36:13 | $\begin{aligned} & \mathbf{R * F} \text { 6:8 } \\ & \text { race 29:16 } \end{aligned}$ |
| potentially 59:8 | 89:13 90:7 | proteins 6:4 | PWHRAOEUG | $\begin{aligned} & \text { race 29:16 } \\ & \text { RAEG } 32: 1 \end{aligned}$ |
| power 90:20 | presented 100:20 | protocol 51:20 | 36:12 | RAEG 32:1 <br> RAEPB 26:10 |
| PowerPoint 85:4,7 | presenting 88:3,9 | proven 36:3 38:25 | PWHRAULG | RAEUFRP 41:9 |
| $\begin{aligned} & 87: 18 \text { 88:2,22 } \\ & \text { 89:23 90:3 92:3,8 } \end{aligned}$ | PRET 11:9 27:2 <br> pretty 42:17 79:17 | 60:1 provide 37:10 | $\begin{aligned} & \text { 41:20 } \\ & \text { PWHRE 31:7 } \end{aligned}$ | railings 29:17 |

KAY E. DONNELLY \& ASSOCIATES
504.299.8220
rain 23:2
raise 31:3 48:16
Raley 100:19
ran 18:14 26:15,22
26:23 28:11 30:14
33:1 46:4 47:14
range 23:14 24:13
RAOEB 36:8
RAOEUZ 40:25
RAOPB 27:4
rate $17: 15,23,24,25$
18:8,19 19:4 20:6
26:1 27:18 29:21
30:7 66:5,6 69:3
79:4,5
rates 68:19
rating 20:1
ray 9:25,25 10:3,3
10:3 17:2 19:12
19:12 47:18,19
48:3
reaction 7:19
read 9:23 10:1,7
58:22 71:22 95:10
95:23 96:3,5,6
101:23
reading 72:12
real 38:21 53:6
really $6: 28: 1 \quad 10: 3$ 22:13 38:12 39:4 39:14,25 42:9 44:12 53:10 54:19 55:22 57:10 66:23 76:23 79:12 95:13 97:1
rear 1:23
reason 13:11 22:14 76:2
reasoning 69:8,13
receive 5:25
receptors 6:13 7:13 7:20
recess 83:22
recirculate 68:21 recognizing 23:23
recommend 40:9
100:9 recommendation 44:11 49:9,11 recommendations 69:25 70:2 recommending 100:2,3
record 3:25 7:2 83:23 104:24
redoctor 10:1
redoing 31:12
redrink 48:4
reduce 19:18 51:1 51:5
reduced 57:20
reducing 51:6 redue 18:3 refer 49:22 70:11 references 101:24
referencing 96:2
refresh 1:16 102:1 102:4
refuses 13:19
regarding 84:20 97:24
region 22:14
register 42:19
regluations 30:7
regular 5:24 26:14 26:22 29:5,19 31:3
relate 20:12 40:1 54:19
related 10:22 12:6
relates 31:21
relationship 7:20
released 58:2 79:19 79:19
relevance 1:23
reliable 83:8
relied 68:15,17
103:13
relies 103:7
religion 30:14
religioned 12:7
rely $58: 14$
Relying 66:17
remediate 64:16
remediated 60:17
remediation 64:14
97:7
remember 1:11
7:21,23 8:4 20:7
20:14 23:3,25
24:2,15,17,18,19
24:20 30:14,22
36:9,25 37:8
40:17 42:21 72:12
rememberly 9:11
render 2:13
rendered $2: 15$
rent 17:11 28:3
rentses 17:11
reonly 26:24
reopen 26:23 27:6
reopened 28:13
repair 14:19
repaired 60:17
REPBL 43:12
REPBLed 17:2
repeat 52:9
REPLTSDZ 10:15
report 9:25 10:2,20
11:14 14:10 26:4
31:14 35:21 38:5
47:23 50:1 54:3
56:6 57:8,13,15
58:8 59:19,20
69:16,19 70:11
71:1 72:12 83:1,5
102:2,13,14,16,19
102:20
reported 35:20
reporting 12:25
reports 102:6,12,14
103:7,13,14
request 3:23 13:21
requirements
96:24
reread 102:3
research 78:23
reside 41:1
resource 15:1
respiratory $58: 2$
responsibility 27:3
responsible 93:4
rest 10:17 25:24
26:10 27:7 28:9
29:7 30:9,17
31:18 33:1 44:6
45:24 46:13 84:17
restaurant 25:16
25:16 26:1,5,15
27:5,21 28:5 29:4
29:11 30:2,4,9, 12
31:7,25 37:4
42:11,12 45:1
46:4 57:8 60:4,14
65:14 66:2 68:17
68:17,22 69:1,5
97:4,5 99:20,24
100:2,3,8
restaurants 27:1
55:1 56:20 58:11
59:4 98:15
restoration 100:22
100:23 101:8,16
restored 49:20
60:17
result 10:13 47:18
results 38:12
return 27:12
REUPB 27:16
REURB 50:21
REUSZ 27:4
review 10:5 21:14
100:23 104:11
reviewed 100:24
reviewing 100:16
reviews 100:21
rid 15:17 51:13
Riddle 101:23
102:20
rig 22:15
right 2:7 4:20 6:17
8:23 9:16 10:2
24:6 30:3 31:12
32:13 33:21 34:7
35:1 36:5 38:11
39:24 40:8,23
43:10 44:9 45:6
48:20 50:22,23
51:4,5 55:18
56:11 57:6,12
58:21 59:18 60:18
62:23 63:3 64:18
65:12,18,21 67:12
67:19 69:2 71:14
72:13 74:17 75:8
77:7 78:13,17,20
79:10,13 80:3,10
80:25 82:10 83:7
83:14,25 84:2,23
85:2,7,11 86:2
88:12,20 90:4,9
90:18,21 91:9,19
93:11 94:11,11,25
94:25 95:16,20,20
95:25 97:18,21
98:15,18 99:7
101:10 102:5,11
103:12
rims 19:15
ring 102:6
rip $1: 16$
ripe $18: 5$
risk 18:14 26:22
33:3 51:1 57:22
58:21,22 59:5
61:13 68:23
risks 18:14 26:22 33:3
river 10:24
RN 5:21
RO*EUFR 25:18
road 89:22
ROEU 32:13
roll 5:12
room 17:15 30:23

| 30:25 40:11 53:10 | sane 12:5 | scientifically 69:21 | ServSafe 97:14 | 81:11,18 83:15,20 |
| :---: | :---: | :---: | :---: | :---: |
| 68:20 | SAO*FR 34:22 | 70:13 72:16 | SES 12:6 17:18 | 83:24 86:1,16 |
| rough 14:12 30:3 | SAOEUF 26:17 | scientist 57:2 | 20:6 32:14 35:8 | 87:2,10,16,21,25 |
| RPL 17:21 | SAOEUFP 13:6 | 104:22 | 37:20 38:1 46:14 | 89:10,19 90:1,8 |
| RPS 14:4 | SAOEUTSDZing | scientists 59:25,25 | session 36:25 | 90:12,17 91:5,12 |
| rule 27:3 30:7 44:3 | 30:25 | scream 92:13 | SESZ 18:15 | 92:15 93:2,19 |
| 59:25 | SAR 11:8 12:9,9 | screen 73:1 85:3 | set 37:3 | 94:10,15 95:24 |
| rules 26:10 29:10 | 14:11,12 34:20,20 | scroll $85: 9$ | setting 25:6 37:2,21 | 96:8,19 103:5,11 |
| 30:1 38:12 | 35:23 48:5 | seating 57:19,20 | 45:11 51:19 75:2 | 103:21 104:3,17 |
| ruling 14:24 30:1 | Sara 100:19 | SEBLGSZs 29:19 | 75:17 | SHEURB 32:25 |
| 59:24 | SARs 44:16 75:5,6 | second 11:22 12:9 | settings 77:6 95:9 | ship 96:20,21 |
| run 49:16 | 78:2 79:4,12 | 14:19 29:7 86:2 | 95:17 | shore 1:7 |
| RUPBLGs 29:5 | SARS-Covariant | 88:11 | settlement 7:22 | short-term 1:6 |
| RUR 6:7 | 77:25 78:23 79:18 | section 10:17 | SEUF 13:22 | show 7:7 13:10 |
|  | satisfy 5:24 35:21 | Security 3:19 7:2 | SEUFRP 37:18 | 40:11 52:3 99:16 |
| S | 42:11 | 12:8 23:1 30:3 | SEUFRPL 44:11 | showing 37:14,19 |
| s 17:8 85:7 | SAUPB 7:23 | 34:5 38:1 42:14 | SEUFRPLG 10:4 | shown 36:25 39:16 |
| S-DZ 11:6 | SAUZ 34:14 | 43:14 44:23 | SEUFRPZ 45:15 | 40:5 49:1 50:24 |
| S-FR 7:1 17:4 50:4 | saw 4:8,8 6:5 8:7 | see 2:7 4:14 6:1,14 | SEULGSZ 23:13 | 88:1 |
| S-FRP 30:5 | 8:18 10:19 12:21 | 7:14 35:9 39:24 | SEULZ 43:19 | shows 51:11 |
| S-FRPS 3:17 | 14:23 15:24 16:10 | 52:13 57:10 86:3 | SEUPBL 42:17 | SHRAEU 26:4 |
| S-G 1:18 4:2 6:17 | 17:16 23:6 31:8 | 88:6 92:23 102:16 | SEUPBLG 32:4 | SHREU 36:3 |
| 12:8 15:10 16:9 | 31:24,25 32:11 | seeing 79:6 | SEUPS 21:3 | SHREUZ 1:8 |
| 34:14 38:3 39:6 | 34:2 36:1 37:25 | seen 29:19 33:24 | SEUSZ 6:1 | sick 14:23 20:14 |
| 41:8 46:16 | 38:6,8 41:8,10 | 73:8 | seven 37:21 95:21 | 24:3 41:11 58:25 |
| S-GS 41:9 | 46:10 | SEG 17:7 | severe 33:20 | 63:1 101:5 |
| S-LGS 4:24 13:22 | saws 7:5 35:23 | sell 35:11 | SEZ 30:3 | side 1:21 2:9 3:9 |
| S-LGSZ 38:3 | saying 3:15 4:22 | send 6:12 19:16 | SHAEU 47:12 | 16:22 17:1 23:6 |
| S-RB 26:1 | 6:14 52:16 56:11 | 84:14,15,22 | share 1:1 39:7 | 24:16 26:25 27:7 |
| S-TS 17:13 | 58:19,20 59:7 | sense 3:10 | sharing 84:4,6 | 30:24 34:2,17 |
| sack 14:19 42:18 | 65:20 66:11 72:8 | sensor 7:20 | sharp 50:14,17 | 46:8 50:5 78:14 |
| SAEUF 38:17 | 79:21 80:2,3 83:4 | sent 6:12 19:16 | Sharpie 53:1,4,7,9 | 83:12 |
| SAEUFR 36:22 | 83:10 95:14 | 34:24 35:22 39:8 | SHEPBLZ 32:25 | sight 21:23 |
| SAEUFRPTDZ 5:2 | says 28:22 29:20 | 84:12 | SHERB 33:1 | $\boldsymbol{\operatorname { s i g n }} 4: 12$ 14:22 |
| SAEUPBLG 18:24 | 44:20 58:23 62:4 | sentence 50:23 | Sheriff 1:1 | 22:13 32:13 |
| SAEUR 18:7 19:5 | 63:18 73:12 87:13 | sents 49:10 | SHERMAN 52:11 | signature 43:18 |
| safe 45:11 83:12 | 91:9 96:17 | SEPBL 40:24 | 52:25 56:22 57:5 | 46:19 |
| 97:5 | school 8:22 99:20 | September 19:7 | 61:4,8,19 64:1,7 | signed 55:5 |
| safely 56:20 | schools 101:19,19 | 47:14 | 65:8,23 66:25 | significance 43:18 |
| safety 44:12 45:15 | science 2:7,8 66:22 | SEPZ 33:4 | 67:4,10,18 68:12 | 46:19 |
| 47:1061:17 | 72:19 74:13,15 | SERBG 4:12 | 69:10 70:16,21 | significant 43:18 |
| sag 13:22 15:10 | 75:15 | serve 19:6 27:7 | 71:2 72:1,5,9 73:5 | 46:19 |
| 19:25 32:24 34:16 | scientific 6:15 | 47:2 50:19 | 73:9,15,19,23 | signify 43:19 46:20 |
| sand 1:21 28:9 29:7 | 54:16 72:25 73:12 | service 98:7,19 | 76:20 77:2 78:12 | sill 4:17 |
| 31:10 | 74:2,8,11 76:1,6 | serving 88:23 | 79:9 80:13,24 | silt 17:22 |


| sir 12:12 15:23 | SKWAEU 12:13 | 60:18 100:11 | SPHAOEUP 41:12 | SREURS 42:5 |
| :---: | :---: | :---: | :---: | :---: |
| 17:18 20:13 36:23 | SKWAG 12:11 | son 35:10 | SPHAOEUTS | SROEPB 39:6 |
| 36:25 48:10 | SKWAOEUPB 7:9 | sore 39:10 | 13:25 | SRUFP 34:1 |
| sister 6:20 18:20 | 13:9 | sorry $37: 554: 3$ | SPHEPDZ 4:11 | SRUR 5:21 6:20 |
| 19:2,4 21:7 28:14 | SKWRA 45:17 | 61:3 92:17,17 | SPHOEUP 16:10 | 33:25,25 |
| 28:23 34:4 35:1,7 | SKWRAOEUR | 104:20 | SPHRAEU 44:19 | SRURS 7:4 |
| 37:14 49:1 | 42:2 | $\boldsymbol{\operatorname { s o s }} 12: 1438: 4$ | SPHRER 9:19 | ST 15:8 |
| sisters 6:20 18:20 | SKWRAULS | SOT 10:22 | SPHREUFP 5:2 | ST-FR 15:11 |
| 19:2,4 21:7 28:14 | 13:24 | SOU 21:14 35:4 | spikes 6:9,10 | ST-G 43:3 |
| 28:23 34:4 35:1,7 | SKWROEUB 38:1 | sound 37:25 | spill 48:5 | ST-LG 12:11 |
| 37:14 49:1 | slide 88:11 90:20 | sounds 96:11 | spine 7:17 9:16 | ST-LGS 36:10 |
| sit 23:7 24:8 25:16 | 91:7,11,14 92:2,8 | sour 38:2 | 36:3,10 46:25 | ST-Red 24:23 |
| 26:3 27:20 31:1 | 92:9 93:13 94:18 | source 8:15 20:25 | spines 43:25 | ST-Rs 47:14 |
| 31:14,23 43:6 | 94:22 95:2,2,11 | 37:21 80:4 83:8 | spoke 24:21 | ST-S 1:1 4:10 14:3 |
| 46:10 60:19 61:20 | 95:12 96:1 97:21 | 96:16 98:25 | spot 23:19 24:23 | 23:7 28:4,18 |
| 65:6 82:25 102:5 | slides 84:18 86:13 | SOUSZ 32:14 | SPRAELG 41:13 | 39:12,14 43:21 |
| site 21:23 23:24 | 91:2,24 93:5 | SP 50:14 | spread 16:4,6 | 47:1 48:15 |
| sits 62:18 | slower 104:13 | SP-FP 37:9 | 33:16 48:8 51:6 | ST-Z's 39:24 |
| sitting 28:14 30:1 | small 29:21 | SP-FRP 28:1 | 57:21 58:2,4,16 | ST*E 3:21 |
| 76:24 | smear 4:19 | space 9:19 17:13,19 | 59:6,12 60:20 | ST*EFRP 41:14 |
| situation 50:13 | smoke 47:20 | 62:9 101:9 | 61:12,23 62:5,17 | STA 34:13 |
| 65:11 99:3 101:18 | sneeze 41:22 58:3 | SPAEUPB 11:8 | 73:25 74:3 76:7 | STA*EUFRPBDZ |
| situations 78:6 | sneezed 60:7 | spars 11:7 | 76:15 78:17 79:3 | 32:18 |
| six 57:21 67:13 | sniff 38:17 | SPAUP 11:8 | 79:24 81:1,2,15 | stability 49:13 |
| size 3:12 5:21 6:13 | Social 3:19 7:2 12:8 | speaking 77:14 | 82:4 83:2,5 | STAE 3:17 |
| 14:14 17:6,24 | 22:25 30:3 34:4 | 80:6,8 81:4 99:10 | spreads 81:16 | STAEFR 48:10 |
| 27:24 30:11,13 | 38:1 42:14 43:14 | 99:12 | SPREUR 39:13 | STAELS 31:17 |
| 32:22 34:16 36:23 | 44:23 | spec 3:5 | spud 40:16 | STAEPB 30:17 |
| 40:18 43:22 44:6 | SOEFPZ 17:22 | specialist 100:22 | spy 3:10,22,25 12:8 | STAES 41:15 |
| 46:2 | SOER 37:5 | specialists 100:23 | 30:10 39:22 | STAEUB 21:25 |
| SK-SZ 27:15 | SOEUB 3:10 | specific 6:18 22:21 | square 32:24 | 48:14 |
| skewed 66:17 | SOEUF 32:5 | 23:14 24:3,10,17 | SR-PBL 38:10 | STAEUF 12:20 |
| skiing 32:25 | SOEUFR 38:24 | 46:23 54:8,9 | SR*FR 22:17 | 45:23 |
| SKO 49:5 | SOEUFRPBZ | 58:10 90:3 102:12 | SRAB 13:10 | STAEUFP 13:24 |
| SKOEU 21:25 | 36:20 | specifically $22: 18$ | SRAELG 41:10 | 45:15 |
| SKPAOEU 44:6 | SOEUG 32:8,8 | 24:1 85:19 88:3 | SRAER 22:5 | STAEUFPT 19:22 |
| SKPWAEUG | SOEUP 5:1 29:8 | 103:2 | SRAOEURB 5:12 | STAEUFPZ 29:24 |
| 36:18 | SOEUS 32:20 | spent 100:11 | SRAUS 36:1 | STAEUFR 41:16 |
| SKPWAOG 13:25 | 35:24 | SPEUZ 25:17 | SRAUTS 35:13 | STAEUFRP 36:20 |
| SKPWRERPBLG | SOFRPBLG 44:11 | SPHAEB 43:14 | SREFRPBs 44:18 | STAEUFT 49:14 |
| 49:5 | soft 43:14 | SPHAEU 30:9 | SREFZ 29:22 | STAEUL 38:9 |
| SKPWRO*EUF... | SOG 48:16 | SPHAEUG 15:8 | SREUPB 17:6 19:5 | 40:18 45:2 |
| 32:6 | soil 36:19 | SPHAEUing 44:17 | SREUR 1:14 21:13 | STAEULG 12:9 |
| SKPWUS 4:13 | soing 36:4 | SPHAOEUFRP | 35:24 37:20 | STAEULS 45:21 |
| SKREUS 34:22 | somebody 42:12 | 13:5 | SREUR's 16:6 | STAEUPLD 9:19 |


| STAEUZ 28:4 46:1 | stay 2:8 5:22,25 6:9 | 37:13 | STKPHOEUPBS | 90:21 91:15 93:11 |
| :---: | :---: | :---: | :---: | :---: |
| staff 48:7 | 13:23 18:14 32:3 | STEUFRZ 45:18 | 3:23 | 104:19 |
| stage 4:10 36:3 | 33:6 45:22 48:19 | STEUGS 45:10 | STKPHRAEUP | STOEPLZ 38:11 |
| 46:21 49:18 60:11 | 55:21,25 75:13,16 | STEULGS 12:10 | 28:21 | STOEUDZ 30:11 |
| stain 24:16 38:19 | 81:22 | 32:9 | STKPHRO 30:18 | STOEUFR 36:21 |
| 41:16 | staying 15:4 58:25 | STEULGTS 48:17 | STKPREUDZ | STOEUFRP 36:19 |
| standard 86:10 | stays 28:4 29:11 | STEUPBDZ 46:18 | 21:13 45:23 | STOEUFRPL |
| 91:8 | 39:25 43:23 95:6 | STEUS 20:3 24:17 | STKPW-DZ 34:12 | 32:19 |
| standards 61:17 | steel 43:3 | 47:17 | STKPWA 49:1 | STOEUG 32:6 |
| STAOERPB 45:23 | steer 34:18 | STEUTS 24:6 | STKPWAO 38:24 | 39:2 |
| STAOEU 1:1,8 8:5 | STEF 19:19 | STEUZ 15:21 | STKPWHR-FP | STOEULG 29:6 |
| 15:13 31:21 34:16 | STEGS 4:12 | 35:25 41:14 49:15 | 20:23 46:22 | STOEUTS 22:25 |
| 36:16 37:24 40:11 | STELG 7:17 12:10 | STHAEURB 43:13 | STKPWHR-FRP | STOG 37:25 |
| 41:6 43:25 47:21 | steps 20:10 69:23 | STHAPB 7:15 | 14:17 26:13 33:13 | stone 14:24 32:20 |
| 48:15 50:5 | 98:11 | stick 11:3 75:13 | STKPWHR-FRP... | stop 52:1 |
| STAOEU's 37:18 | STER 35:12 36:3 | 76:8 78:17 | 32:20 | stopped 58:20 |
| STAOEUFR 1:10 | 49:12 | sticks 74:24 | STKPWHR-FRP... | STORB 4:10 |
| STAOEUFRP | STERs 46:9 | stiff 41:15 47:9 | 4:19 | story 17:23 |
| 35:16 49:16 | STES 19:17 21:10 | stint 13:15 38:20 | STKPWHR*P4:7 | STOS 11:2 |
| STAOEUG 40:20 | 49:9 | 41:23 | STKPWHR*UF... | stow 4:16 32:13 |
| STAOEULG 36:10 | STESZ 44:15 | stipulate 14:5 | 32:5 | 34:19 35:3,7 |
| STAOEUPBS 11:3 | STEU 1:5,11,14 2:3 | 49:12 | STKPWHREFRP | STP 15:13 42:21 |
| STAOEUPBZ | 2:16 4:1,13, 17,24 | stipulation 14:5 | 28:16 | STP*E 3:21 |
| 43:17 | 5:18 8:1,6 10:18 | 49:12 | STKPWHREUFR | STPA 32:17 43:6 |
| STAOEUS 3:23 | 11:7 15:1 17:10 | stitch 15:22 29:22 | 1:25 | STPAEU 2:1 30:2 |
| start 7:5,6 11:8 | 17:19 18:11 19:7 | STKAEGS 45:25 | STKPWHREUF... | STPAEUFRPZ |
| 12:7,7,21 23:23 | 21:3 26:19,24 | STKAG 13:25 | 36:16 | 36:17 50:8 |
| 25:3 35:23 71:22 | 27:15,16 28:22 | STKAOEU 19:2 | STKPWHREUF... | STPAEULS 18:15 |
| started 6:24 25:6 | 29:11 30:10,25 | STKAOEUTZ | 3:11 | STPAEUP 40:20 |
| 60:9 | 31:17,20,22 32:19 | 44:23 | STKPWHREUP | STPAEUPBLTD |
| starting 11:22 25:9 | 32:23 33:10 34:2 | STKAOG 12:11 | 36:20 | 19:24 |
| 26:11 | 35:12,17,25 36:15 | STKEU 18:25 | STKPWHREUR... | STPAEUTS 8:16 |
| STAS 34:1 | 36:23 37:25,25 | STKEUBG 1:7 | 48:6 | 18:5 |
| state 9:6 49:8 | 38:8,13,18,18 | STKEUGS 33:23 | STKPWHREUZ | STPAEUZ 14:24 |
| stated 57:18 97:10 | 39:12 40:10,19,21 | STKEULG 32:9 | 30:17 | STPAO*EUFRPZ |
| statement 10:17 | 40:24 41:5,13,15 | STKOFR 40:3 | STKPWR-FRZ | 32:7 |
| 36:7 37:3 50:9 | 41:19,21,24 42:4 | STKOG 38:4 | 11:13 | STPAOES 6:23 |
| 58:7 74:2,20 | 42:9,18 43:14,20 | STKPAEUFLZ | STKPWRAEUF... | STPAOEUFR |
| 75:11,21 80:7,22 | 43:23 45:21 46:8 | 44:19 | 36:15 | 36:16 |
| 80:23 97:1 | 46:12,14,18,22 | STKPAO*EUFR... | STKUZ 36:11 | STPAOEUFRZ |
| station 17:17 | 47:10,15 48:5,16 | 32:10 | STO*EUFR 26:20 | 33:9 |
| status 65:14 | 48:25 49:10 50:3 | STKPAOEUG | stock 1:2 16:12 | STPAOGZ 34:10 |
| STAULS 15:24 | STEUFPL 35:9 | 32:6 | 24:21 29:15 61:20 | STPAOUPB 36:14 |
| STAUR 22:2 42:4 | STEUFR 6:10 | STKPEUFRP | 61:24 65:24 71:23 | STPE 40:1 46:12 |
| 44:23 | 30:19 36:12,14 | 36:13 | 72:11 83:25 84:2 | STPEF 25:22 |


| STPEU 15:12 | STPHRAEUFRP | 35:15 | super 6:14 | 44:20 |
| :---: | :---: | :---: | :---: | :---: |
| 33:22 34:9 | 48:7 | STPWHREUFRP | super's 6:25 | symptoms 21:8 |
| STPEUD 23:7 | STPHRAEUFRPB | 11:17 | supply $2: 1,2531: 21$ | system 6:20 18:19 |
| STPEUFRP 32:11 | 32:8 | STPWRAOEURs | 46:24 50:4 | 18:20 19:2,4 21:7 |
| 50:5 | STPHRAEUGZ | 37:15 | support 33:21 | 28:14,23 34:4 |
| STPEUG 4:19 7:15 | 26:19 | STPWROEU 38:3 | 75:15,16 | 35:1,7 37:14 49:1 |
| STPEUGS 35:17 | STPHRAEUPB | strategies 55:10 | supported 69:21 |  |
| STPEULS 20:1 | 14:12 | 56:16,19 | 70:13 72:17 74:9 | T |
| STPH-R 4:11 | STPHRAO 32:17 | strategy 60:13 | 77:15 | T 31:23 |
| STPHA 4:3 35:18 | STPHRAO*EUP... | 61:13 62:2 64:4 | suppose $32: 4$ | T-FP 36:2 |
| STPHA*EU 3:21 | 44:24 | strength 54:5 | suppress 19:8 | T-FRPS 49:17 |
| STPHAEBLG | STPHRAOEFR | STREUDZ 19:19 | sure 3:20 8:1 10:19 | T-T 20:21 |
| 49:13 | 27:7 | STU 30:25 35:24 | 11:14,15 16:22 | T-TS 28:20 |
| STPHAEU 6:12 | STPHRAOEUF... | 38:2 39:3 41:20 | 37:4 40:25 42:3,6 | T*FR 17:23 29:5 |
| 14:3 18:15 20:7 | 23:8 | student 22:23 | 42:14,20 43:23 | table 8:18,20 9:1 |
| 22:16 | STPHRAOEUF... | studies 21:14,19 | 53:5 55:13 60:8 | 40:2 41:7 42:15 |
| STPHAEUing | 36:12 | 22:3,6,11,13,16 | 63:2 67:24 69:17 | 42:20 44:15 45:9 |
| 46:25 | STPHRAOEUF... | 35:11 36:3,9 | 70:6 79:17 82:3 | 47:4 53:4,7,10 |
| STPHAEUTS 9:6 | 4:4 | 37:12 38:18 39:4 | 100:3 101:20 | 60:4,8,12,15,16 |
| STPHAO 44:14 | STPHREU 32:25 | 39:8,9,13,16 40:4 | sures 37:15 | 61:14,18,22 62:8 |
| STPHAOEUFRPL | STPHREUB 42:3 | 40:6 50:24 51:10 | surface 8:15,20 9:1 | 62:16 63:11,18 |
| 35:14 | STPHREUS 13:23 | 51:23 52:3,13,20 | 33:16,23 34:4 | 64:20 65:5,21 |
| STPHAOEUP | STPHRO 4:11 | 74:23 78:1 95:12 | 36:5,24 41:2,23 | tables 30:24 57:20 |
| 30:18 | STPHRO*FR | study 37:19 39:10 | 51:21 54:20 55:3 | 66:9 100:4 |
| STPHAOEUPZ | 29:25 | 40:4,17 51:10 | 55:21,25 56:8,18 | tack 1:21 28:11 |
| 45:24 | STPHROEUPB | 53:12 54:12,14 | 58:5,17 62:25 | $\boldsymbol{\operatorname { t a g }} 9: 13$ 24:4 50:16 |
| STPHAUSZ 38:18 | 40:24 47:22 | 55:15,17 68:15,18 | 63:5 65:19 74:25 | tagging 33:10 |
| STPHEUPBL 3:22 | STPHRUFRPBL | 75:7 77:23,25 | 74:25 76:24 77:4 | tail 43:15 |
| STPHEURB 4:20 | 10:18 | 78:4 | surfaces 34:2 41:7 | take 59:4 68:24 |
| STPHOEP 35:17 | STPHRUFRPBLG | stuff 25:21 41:19 | 44:22 45:14 54:9 | 80:14 86:12 104:9 |
| STPHOEU 47:13 | 4:8 | 43:22 | 74:5,24 75:17 | taken 2:21 65:24 |
| STPHOEUFR 33:9 | STPOEU 30:18 | STUGTS 41:14 | 76:8,17,19 77:6 | talk 5:10 11:10 |
| 36:19 | 35:5 | STURZ 21:4 | 78:17 80:1 81:3 | 13:13 23:17 55:9 |
| STPHOEULG | STPOEUFP 36:13 | STUSDZ 40:12 | 81:20,22 82:6,9 | 58:3 69:17 84:14 |
| 42:24 | STPOEUFRDZ | STWAOE 38:12 | 83:3,6 95:6 97:16 | 88:15 90:19 99:16 |
| STPHOEUPB 4:3 | 13:25 | STWROUR 37:8 | 99:25 | 101:11,14 102:7 |
| 34:25 39:12 41:23 | STPOEUPB 36:22 | subject 11:11 | surgeries 38:23 | 102:19 103:15,20 |
| STPHOEUPLT | STPOUPBL 47:21 | subpoena 19:8 | 46:6 | 103:22 104:5 |
| 49:8 | STPOUTSZ 36:25 | sues 3:7 | surprised 92:22 | talked 56:8 94:17 |
| STPHOS 42:14 | STPRAEUS 25:20 | suffer 34:11 | surrogate 52:18 | 94:21,22 95:3 |
| STPHR-FRPB 4:1 | STPRAOEUR | suggested 82:2,5 | SW 27:19 | talking 5:20,23 |
| STPHR-G 49:8 | 43:2 | suggestion 10:12 | swabbed 51:24 | 55:6 60:6 88:10 |
| STPHRAE 31:7 | STPREBGSs 30:15 | 50:19 | sy 12:2 13:22 $20: 11$ | 88:20 94:12 97:3 |
| STPHRAEU 37:15 | STPWHRA 1:3 | suit 11:8 | 36:17 40:20 41:9 | 99:9,10 100:17 |
| 45:2 | STPWHRAOEU... | SUL 34:9 | 42:8,24 43:4 | 104:21 |


| talks 77:9 94:16,17 | 5:22 6:4,9 10:16 | 92:25 | TKPWHAOE | told 49:22 104:13 |
| :---: | :---: | :---: | :---: | :---: |
| 102:16 | 11:8 15:12 17:12 | throw 51:14,15,16 | 24:22 | $\boldsymbol{t o n} 24: 15$ 40:14 |
| tame 48:16 | 22:3 24:10 25:20 | ties 15:24 | TKPWHEULS | 47:11 48:8 |
| tank 50:4 | 25:24,24 27:2 | time 1:15 7:5 10:16 | 32:11 | tone 42:19 46:21 |
| TAOEPBLs 6:5 | 29:21 34:21 39:20 | 12:24 13:4,19 | TKPWHR-FR | top 17:22 21:7 |
| TAOEULGZ | 44:19 45:13 47:23 | 27:6,11 29:15 | 33:14 | tore 30:8 49:17 |
| 29:16 | TEUF 15:17 | 30:5 35:18 37:13 | TKPWHR-FRP | totally $69: 13$ |
| tape 8:25 | TEUFR 14:22 36:3 | 42:25 44:9 45:3 | 29:15 | tote 43:21 |
| TAPLG 43:23 | TEUTS 3:9 17:9 | 45:19 54:16 74:5 | TKPWHRAEUF... | touch 7:9 36:23 |
| team 100:24 | Thank 81:23 83:21 | 77:14,17,22 78:15 | 32:10 | 42:3 |
| teen 6:9 | THARPB 50:5 | 79:14,17,22 80:2 | TKPWHRAEUPB | touched 38:23 40:1 |
| TEF 22:9 45:12 | theed 6:25 | 81:21 82:2,5,8,15 | 12:12 | 62:25,25 |
| TEFR 24:14 | THEPB 9:18 | 85:8 94:22 100:11 | TKPWHREFR | touching 33:16 |
| tell 24:8 38:22 45:5 | thi 85:7 | 104:9,20,23 | 43:24 | 36:5 |
| 62:12,22 64:6 | thief 40:9 | times 7:3 80:12 | TKPWHRES | tourist 25:20 |
| 69:7 70:3,25 | thing 9:14 17:2 | $\boldsymbol{\operatorname { t i n }} 41: 24$ | 27:21 | tow 1:16 27:9 |
| 96:12 98:8 99:13 | 40:18 65:20 66:12 | tiny 7:14 | TKPWOBG 41:15 | tows 44:17 |
| 100:25 | 77:7 85:25 103:24 | tip 9:20 | TKPWOEPZ 8:25 | tox 2:16 |
| template 86:9,10 | things 17:2 40:16 | TK*EFRPBTS | TKPWORPB | toxicology 8:5 |
| 86:15 | 40:17 43:12 51:17 | 29:4 | 45:10 | 61:22 |
| temporality 54:11 | 55:22 57:3 60:1 | TKABLG 30:19 | TKPWRAEUG 7:5 | toy 4:16 14:7 26:25 |
| temporary 9:14 | 62:5 97:8 99:25 | TKAEPBG 12:14 | TKPWRAFR 5:3,9 | 29:6 34:23 40:2 |
| ten 9:10 37:8 | 104:21 | TKAEPBing 12:6 | TKPWRAOEFR... | 45:25 |
| tend 9:10 37:8 | think 8:13,14 9:14 | TKAEUB 20:13 | 48:23 | TP-FP 29:23 |
| 53:18 | 9:15 10:2,7 13:4 | TKAEULG 13:23 | TKPWRAOS | TP-TS 50:8 |
| term 4:11,12 26:15 | 16:11 22:24 26:8 | TKAFPL 50:1 | 23:21 | TPABL 45:12 |
| terms 17:24 53:8,9 | 26:21,22 31:11 | TKAPB 14:3 | TKPWREB 41:21 | TPAEUGS 17:25 |
| 53:19 | 40:11 41:5 53:25 | TKAPBLG 12:12 | TKPWREBG | 37:4 |
| TERPLG 5:19 | 54:3,22 55:13 | TKE 5:21 18:1 | 41:22 | TPAEUPBL 45:13 |
| test 9:16 18:19 | 56:13 61:12 71:3 | 22:24 24:3 | TKPWROEU | TPAEUPLG 19:17 |
| 22:23 38:6,10 | 71:21 73:16,20,24 | TKEULGZ 45:16 | 42:23 | TPAEUTS 41:1 |
| 74:25 | 74:1 79:19 85:9 | TKOEPBL 38:24 | TKPWROR 37:5 | 42:6 |
| tested 22:11 | 97:1,13 | TKOERPB 28:11 | TKRA 49:11 | TPAOEPB 43:3 |
| testified 19:9 56:4 | thinking 53:7,9 | TKOEUFR 34:13 | TKRAPB 41:17 | TPAOEU 36:14 |
| 56:9 67:5 90:23 | thinks 67:21 | TKOEUPBLG | TKUPBL 8:18 | TPAOEUPLS 6:22 |
| 92:4 | third 40:23 | 31:12 | TOBGS 12:19,19 | TPAOG 4:3 |
| testifies 64:19 | thought 58:3,15 | TKP-PB 2:7 | today 1:23 5:23 | TPAOLGS 32:24 |
| testify 2:4,6 19:10 | 78:8 82:9 96:14 | TKPAS 28:9 | 26:3 31:14 38:7 | TPASZ 28:21 |
| 64:20 65:4 68:2 | 104:19 | TKPEFP 31:17 | 40:8 52:2 61:20 | TPER 20:3 |
| 87:11 | thousand 41:4 44:1 | TKPEFs 9:4 | 67:6 82:25 102:5 | TPH-FRPBLG |
| testimony 52:2 | 45:8 | TKPEU 5:20 | 102:7,18 103:15 | 28:24 40:17 |
| 64:13 67:12,20 | THRAO*EFR | TKPOEUP 1:8 | toe 1:16 27:9 | TPH-TSDZ 33:7 |
| 68:9 95:15 | 36:19 | TKPWAEUGS | toes 44:17 | TPH*R 17:4 |
| testing 99:24 | three 24:4,13 28:18 | 18:11 20:10 | TOEUTS 10:15 | TPHA*E 3:21 |
| TEU 1:13 3:7 4:20 | 28:21 56:18 84:10 | TKPWEUSZ 32:15 | TOEUZ 47:23 | TPHABS 37:9 |

TPHAELG 22:2
TPHAEUG 10:25
TPHAEULS 3:10
TPHAEUPB 15:20
41:5 49:14
TPHAF 28:10
TPHAO*E 3:22
TPHAOBG $4: 14$
TPHAOEUFRP 49:2
TPHAOEUFRPB
4:10
TPHAOEUFZ
45:17
TPHAOEUG 5:25
50:3
TPHAOEUL 49:14
TPHAOEUPBZ
34:13
TPHAOEUPZ
47:9
TPHAOEUZ 48:11
50:1
TPHEPBL 39:19
TPHEUDZ 27:25
46:16
TPHOEUB 42:23
TPHOUFRP 34:2
TPHOUPB 50:5
TPHOUZ 39:25
TPHR-FRPBLS 3:24
TPHR-G 38:6
TPHR-TS 33:1
TPHRAE 3:25
TPHRAEPBTS 17:4
TPHRAEU 24:5,19 35:17 37:18 41:25 46:24
TPHRAEUFPB 45:20
TPHRAEUFZ 4:9 TPHRAEUPB
27:15 32:19 47:14

47:23
TPHRAEUS 40:5
TPHRAFR 20:19
TPHRAO 49:2
TPHRAOEUF 46:14
TPHRAOEUFR... 32:19
TPHRAOEUFR... 50:8
TPHRAOEUFR... 36:17
TPHRAOEUPB 1:4 10:6 32:24
TPHRAOEURS 41:13
TPHRAOG 4:16
TPHRAUPB 28:2
TPHRERPB 46:12
TPHREULG 40:19
TPHRO 32:18
TPHROEBG
46:25
TPHROEUFRZ 46:24
TPHROEUG
30:18
TPHROEUPBG 38:2
TPHROTS 26:1
40:5
TPHRUZ 41:19
TPHUBG 5:16
TPOEP 45:19
TPOEU 17:21 22:25 48:7
TPOEUPL 7:15
TPOPBS 1:22
TPOUF 27:17
TPOUFP 40:1
TPOUFPed 40:2
TPOUFRP 41:10
TPOULG 14:11
TPOUPLG 25:17
TPRAEUG 41:19

TPRAEUGS 19:16
TPRAG 12:21
TPRAO*PB 20:11
TPRAOEUPBL 34:3
TPRAOEURS
42:22
TPRAPB 18:25
34:1 35:25 41:8
41:25 42:9
TPREUB 2:9
TPROELG 37:21
TPROEP 41:19
TPROLG 49:10
TPROLGed 39:5
TPW*EUFR 21:9
30:15
TPWAEUPL 41:9
TPWAEUZ 14:11
TPWAOEUZ 29:6
TPWAULGTSZ 42:2
TPWEUPLG
18:25
TPWHAUS 6:7
TPWHOEUR 38:13
TPWHRAOEUB 48:25
TPWHRAOEUPB 46:6
TPWHRAOEZ 36:2
TPWHUPL 27:8
TPWOS 38:23
TPWRAEU 5:9
TPWRAEUPL 27:6
TPWRAFR 5:8
TPWROUPBLZ 2:17
TRA 20:2
track 104:18, 18
tracks 82:14
Tracy 90:20 91:11

91:14,24 92:1
94:14,16,17,19
TRAEUG 19:17
TRAEUGS 2:8
train 16:18,21
33:10,23 35:5,17
41:11
training 97:14
trans 53:3
transfer 82:17
transformation 53:3
transmission 14:20
14:22,23 15:3,14
16:3 20:8,25
34:19 35:22 40:25
41:6 51:2 55:6
59:8 74:22
transmit 15:5
79:25 82:6,22
transmitted 36:5 75:18 82:9
trial 2:3,13 38:8 63:17 68:1 69:17
trick 72:6
tricking 72:10
$\operatorname{trip} 50: 20$
true 21:5 74:20,20
try 11:23 50:20
53:13,18,20 72:13 93:21
trying 35:21 38:8 38:22 53:22 55:17 55:20 72:2 78:19 82:24 86:6
TS 36:1
Tulane 3:18 4:2 10:19 13:16 22:15 22:21 23:7 31:16 40:2 43:7 98:21 98:24
turn 10:2 17:14 18:8 25:25 26:5 29:17,21 30:6
turning 17:19

TWHAOEULG 49:15
twice 25:14
two 5:19 9:24 12:1
12:5 14:12 21:3
24:12 26:25 27:1
28:9,12 30:15
34:21 35:3 38:4
41:6 44:21 54:3
56:17 65:17 78:1
91:1 92:23 102:12
103:6,13,14
TWOBG 10:15
TWOTS 37:15
type 2:12 5:19,21
10:23 31:9 33:20
98:14 101:18
typical 5:18 41:4

## U

U.S 13:6

UF 7:15
ULT 10:25
ultimate 55:18
un 20:1 37:18
un/*ERBly 25:2 un/KPOEPB 39:4 un/PHRA 38:5 un/TO*R 48:25 un/TPHREUG 4:24
understand 14:24
22:4 52:10 62:13
67:20 69:6 87:17
104:20
understanding
4:21 22:8 34:8
67:25 101:15
underwrite 3:4
unflake 28:5
unfortunately 59:3
unI 22:1
universe 62:4
universities 85:24
88:16

| university 9:23 | 6:19,22,23 7:14 | WAOG 34:3,3 | 43:22 | 91:10 92:18 93:12 |
| :---: | :---: | :---: | :---: | :---: |
| 22:21 43:16 45:7 | 7:21,23 12:4,5 | 41:23 | whatnot 67:22 | 93:17,24 94:3,8 |
| 98:20 | 16:3 18:1 20:25 | WAOU 23:3 | WHRAEU 8:21 | 94:13 96:4,10 |
| UNO 99:2 | 35:6 36:2,4,9 39:6 | ward 39:22 | 34:6 | 102:25 103:25 |
| unon 45:13 | 39:17 40:25 41:1 | wasn't 10:16 89:25 | WHRAEUF 3:12 | WOEG 39:10 |
| unreasonable | 42:12 43:3 51:8,9 | 96:17 | WHRAG 5:20 | WOEP 17:22 |
| 66:19 | 51:14 52:13,19,22 | water 8:19 | 26:25 | WOEPB 43:16 |
| untruths 66:22 | 52:24 54:20 55:3 | WAU 40:25 47:18 | WHRAOEU 34:7 | WOEULD 49:7 |
| unwith 22:22 | 55:11,21,23,24 | 50:20 | WHRAUFRP 5:9 | WOEUS 21:23 |
| update $89: 8,12$ | 56:7,17,17 58:4 | WAUGing 30:22 | WHREURP 11:11 | WOF 6:22 |
| updated 89:7 90:15 | 58:16 60:5 61:23 | way $3: 19$ 4:10 12:6 | WHRO 38:21 | woke 38:8 |
| USAA 96:5,6 | 62:17 63:2 75:13 | 13:19 14:1,20,23 | WHROEUPB | WOP 26:23 |
| use 3:17 7:23 8:4 | 76:6,10 77:3,5 | 15:4 16:3 17:3,8 | 32:14 | word 3:8,18 4:22 |
| 9:17,18 10:10 | 78:7 79:12 91:7 | 18:4 28:1 36:1 | WHRU 7:10 | 38:21 39:21 51:4 |
| 16:24 42:18 48:12 | 96:12,15 | 39:9,11,21 41:16 | wide 10:22 24:10 | 78:18 81:2 82:4 |
| 49:21 51:4,13 | viruses 5:16 6:16 | 41:24 45:17 46:9 | wife 26:20 27:5 | 82:16 |
| 53:13,19 54:1 | 6:18 79:8,16 | 47:11 53:2 55:25 | 45:18 47:9 | word-for-word |
| 57:1,3,4 75:6 | visible 8:20 | 63:10,13,15 64:12 | windows 68:20 | 95:11 |
| 78:17 |  | 64:21 66:11,13 | wine 4:24 8:19 | words 84:8 |
| uses 81:2 | W | 68:2 74:6,7,18,19 | 42:19 45:9 | wore 1:6 11:17,24 |
| usual 15:17 41:6 | WAEPBLGTS | 75:9 82:20,21 | wining 44:15 | 28:22 |
| 47:21 | 4:21 | we'll 90:18 | wipe 21:25 45:14 | work 4:20,20 8:22 |
| V | WAEUDZ 26 | we're 59:23 62:14 | 61:14,18 63:5 | 11:5 12:25 13:3,4 |
|  | WAEUP 41:18 | 78:24 79:5 89:23 | 97:12 | 13:5 18:17,22 |
| vac 100:6 | wage 8:23 | 97:3 99:9 | wiping 43:1 45:10 | 37:16 43:16 46:20 |
| variant 78:3 | waist 35:3 | we've 39:13 60:6 | 62:8 98:12 100:4 | 48:24 50:14 86:6 |
| variation 78:2 | wait 15:20 76:5 | 85:24 89:17,17 | wise $40: 18,19$ | 89:12 97:7 98:15 |
| varies 22:14 | 88:1 | 101:19 | wises 46:20 | 98:18,19 |
| variety 75:5 | waiting 73:6,10 | wean 22:25 | wish 91:4 | workday 101:5 |
| various 7:3 73:25 | wake 11:24 | wear 18:11 44:25 | witness 4:18 15:19 | worked 13:1 85:24 |
| 89:14 | walk 4:8 5:11 $22: 1$ | WEBG 31:11 | 26:7,18 27:18 | worker 60:14 |
| vary 44:20 | 30:24 | week 14:8 22:25 | 29:1 49:24 52:8 | working 13:14 |
| vast 37:6 | walking 21:16 | 39:12 41:9 42:24 | 52:15 56:14,25 | works 98:24 |
| vent 15:12 17:12 | 22:10 | weigh 74:18 75:8 | 60:23 61:2,10 | world 39:25 |
| 39:20 | want 13:3,20 16:13 | 77:8 | 62:21 63:24 64:3 | WORLG 39:5,14 |
| ventilation 15:12 | 54:5,6,7,11,14 | went 12:20 13:2 | 64:24 65:3,10 | worried 13:9 |
| 18:10 | 57:10 65:7 67:23 | 14:7 25:14 27:5 | 66:20 67:14 68:10 | wouldn't 14:8 |
| ventilator 51:15 | 69:16 72:14 77:8 | 39:9 51:23 | 68:14 70:23 71:24 | 99:23 100:1 |
| versus 5:19 6:16 | 78:13,25 89:22 | weren't 56:9 78:6 | 72:3,7 73:3,7,11 | WOUR 8:18 |
| 7:13 39:14 | 90:2 91:19 92:7 | 98:12 | 73:17,21 76:14,22 | WR-G 4:13 |
| vial 21:25 | 94:2 | west 39:20 | 77:21 78:21 80:16 | WRAO*EU 1:23 |
| vice $37: 10$ 49:13 | wanted 56:15 | WEUB 7:24 | 80:20 81:9,13 | WRAOEPB 11:7 |
| viral 8:3,5 39:10 | WAOB 4:17 8:17 | WHAEUTS 23:1 | 85:18 86:8,25 | WRAOEU 8:6 |
| virion 51:20 | WAOEUFRPing | WHAOEU 39:9 | 87:6,14,19,23 | 34:18 |
| virus 5:18 6:12,18 | 46:12 | WHAOEUFLZ | 89:5 90:5,10,14 | WRAOEUBG 33:2 |


| WRAOEUFP | 1 | $4531: 5$ |
| :---: | :---: | :---: |
| 33:22 | 178:23 | - 5 |
| WRAOEUPB | 1-R 28:4 | $5$ |
| 45:16 | 1*R9 49:7 | 5 19:9 57:7 85:1 |
| WREG 30:3 | 10 22:9 43:25 45:8 | 5:3067:16 |
| WREU 3:7 37:9 | $10078: 19$ | $5013: 21$ |
| WREUR 35:7 | 100\% 62:11 | 50\% 26:11 27:10 |
| wrist 18:14 26:22 | 123EU8D 49:8 | 30:15 |
| 33:3 | 13 23:24 57:12 | 6 |
| writ 30:2 | 14 17:22 |  |
| write 9:7 | 15 17:22 77:23 | 7 |
| writing 100:15 | 78:10 | $\overline{7235: 13 ~ 36: 10 ~ 37: 1 ~}$ |
| written 82:8 98:7 | 16th 71:14 | 74:25 77:6 78:9 |
| WRO*FR 11:6 | 17 14:11 28:11 | 95:18 |
| WROEB 40:20 | 96:12,18 | 75\% 22:5 |
| WROELG 35:2 | 19 12:2 19:19 26:16 |  |
| WROEU 41:8 | 27:22 45:25 | 8 |
| 44:14 | 1994 12:22 | 812:25 49:16 50:23 |
| WROEUPB 49:10 | 1995 12:21 | 85:2 |
| 50:4 |  | 80 96:13 |
| wrong 9:21 17:9 | 2 | 83 96:13 |
| 49:18 68:1 | 2 54:2 77:25 78:24 |  |
| wrote 94:19 | 79:18 | 9 |
|  | 2020 23:17 24:22 | 919 1:19 |
| X | 57:7 58:9 63:5 | 99 12:21 |
| Y | 2340E9S 28:6 | 99\% 67:19 |
| Y 18:17 | $\begin{aligned} & \mathbf{2 4} \text { 26:21 } \\ & \text { 24EU 17:16 } \end{aligned}$ |  |
| yeah 23:8 31:10,13 | 25 12:18 71:9 |  |
| 70:19,24 73:4 | 250EU8 17:3 |  |
| 86:19 93:18 95:1 | $2771: 9$ |  |
| 97:23 | 27th 13:18 |  |
| year 84:21 89:9 |  |  |
| years 12:18 96:13 | 2U67 35:23 |  |
| 96:13 |  |  |
| Yep 82:1 85:4 94:9 | 3 |  |
| yesterday 18:23 | 3 54:4 |  |
| Z | 3-6R 11:22 |  |
| $\begin{aligned} & \text { Z } 2: 2424: 9 \\ & \text { zero } 68: 18,19 \\ & \text { zip 1:11 21:4 29:20 } \\ & 35: 338: 4 \end{aligned}$ | 34R*EU6R78 32:7 |  |
|  | 4 |  |
|  | 4 12:9 |  |
|  | 4-6R 20:19 |  |
| 0 | 40EU7B 11:4 |  |

