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ABSTRACT
after critiquing the usual estimates of the importance of televisian as a source of news, the national audience for television neus over a two-week period is identified from the -1974-1975 M.R. Simmons study (which tuses a diary technique.for gathering data). Analysis showed that, in the two-week period, 49\% of the adult populatik did not watch a single evening petwork-television news program: only one adult in four watched more than four network news programs. On the average weekday, about one adult in five watched network-television neus, while fur cut of five read a nevspaper. The audiende for network-television news is described demograpifically and is compared to the naticnal audience for neuspapers. People who use both media and those who use neither are atso identified and described. (author/ai)


[^0]The Myth of Television Niewa

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Univeraity of North Carolina
at Chapel Hill

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Robert L．Stevention
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TO THE ROUCATIONAL RESOURCES
INFORMATION CENTER（ERIC）AND USERS OF＇THE ERIÇ SYSTEM＇

Presented to the Mass Cómunication and Society Division，Associatioy for Education in Journalien，meeting in Madison WI，August，1977．This research was supported by a grant from the University Research Council，Unjversity of North Carolina at Chapel Hill．We are grateful to Will Dalang and other members of the staff of the Inetitute for Rescarch in Social soleace foy allistance in data analyais．

If there is one clain that pervadee the literature of comunication reaearch, It is the dominance of television as a source of information andsinfluence in the Dnited States. A glance at almost apy isaue of a research jourmal in the 'field reveals one or more studias of television justified by its' alleged significance as the most important source of/information for two-thirds of the American public.

This cyamed powes of television is often also the basis for individuals and groyps who want to change tie relationship between broadcasting and the governFent. Efron, for example, 7 after finding massivie bias in television news -a clais which others disppted ${ }^{2}-$ argued that the television's dominance nessitated stricter enfof cement of the fairness doctrine. Thd Sen. Willian Proxmire, ${ }^{3}$ arguing from/a sinilar prenise of television's influence, concluted that govermental contfol of so pocent a mediun should be avoided, recomending an end to the sase fairness doctrine.

Most of the claise about the influmee of teletision are based on a series of studies carried out periodically for the mavision Information Office by the Boper Organigntion. ${ }^{4}$ The componly cited figure that two-thirds of the Anerican people receive most of their newg' from TV is based on responses to the questions First, I'd like to asky you where you ustually get most of your news about whats going on in the world today ar from the newepapers or radio or televifion or magazines or talking with people or wherct

The proportion of respondents who mentioned television in answering this question has risen steadily from $51 \%$ in 1959 to $64 \%$ in the 1976 survey, the latast one
published by the Television Information Office. The full table is reproduced as Appendix 1.

This finding has been questioned on several grounds, but the point thin first - comes to mind is that the question allows multiple responses. Whiten $64 \%$ of the respondents mentioned television, half (49\%) mentioned newspapers, and one-fifth (19\%) mentioned radio. In all, an average of 1.44 responses' pet respondent war given.

A second table (Appendix 2) breaks down the multiple responses and suggests lower figures for all media. One-third (36\%) mentioned only television and one-fifth. (21\%) listed only newspaper. About' one respondent in foyer (23\%) named both television and newspapers. The remaining $20 \%$ mentioned other combinations of media. If ope is concerned with che people if the country who get news only from. television -- a more realistic nato look at the potential power of the medium -- the appropriate figure is one-third, not two-thirds.
sample of respondents who were directed to select only one rgaponse, the relative importance of television was reduced. 5

Beyond that, there are conceptual quations about the use of en ambiguous phrase like "getumost of." Clarke and Ruggels ${ }^{6}$ int five possible meanings of the Roper phrase, ranging from frequency of exposure or tine displacement to self-reported. influence or psychological gratification. When they asked respondents to name the "beast" source for specific public affairs' news (tories; the newspaper was mentioned more frequent ll than any other source for all types of public affairs
storien, international, national, statf, county. and city.


Edelstein' ${ }^{7}$ has criticized the defintion of "get most of" news as the most credible or infiuential source, 'irguing that cradpility of the source of information is seldon the basis on which an individual dicides to use or not to use $\qquad$
the source. Proceeding from the toose assumption ghat behavior is iore a function of, the individual's needs and gratifications than a response to an enviromentel atimulus, Edelstein asserts that redia ought to be evaluated in terns of their paychological utility to the individual tather than some arbitrary criterion ach as éredtbility. $\|_{\text {He instructs respondents to specify which source of information }}$ is most useful to them in a specific situation father than the one they rely on most or find most credible.

In a wide range of studies in, several parts of the country and overseat; the situational approach produces findinge that, conflict with the Roper studiea in two ways. 8 First, the inportance of television fielative to newspapers and aga1 zines is reduced squerely; and second, the hasts on which inditiduala select epecific media yaries from source to source, and situation to situation, but it seldom includes source credibility. Newspapers are often chosen for thetr information content or the reader's ability to deternine the time, place and.manner of reading. Radio is frequently cited for its convenience and portability, magizines for their depth of content and, to a lesset-extent; their credibility, Credibility is mentioned infrequently and then more often as a negative factor than poeitive: people may avoid a iource of "information because they regard it as, lacking in credilility, but they seldom seel out a source because they consider it highly credible.

Edeletein 'required a respondent to deal with a specific situation and to define the griteria by which he or she evaluates his or her behavior in that situation. In contrast, the Roper approach, in the tradition of attitude research, assures that behavior is consistent across situations. and that the attitude - at affective evaluation of an object across situations -- in'some sense determines or influences the behavior. Those of who have done any research trying to link general attitudes to behavior know how, risky that assumption 1s.9.

It is possible that the real consistency is not across situations but across people dealing with the sane situation, and that the actual variance is not amon a people but among situations. In other words, attitude researchers of ten assume that a specific individual. or type of individual will act, based on sone hierarchy of attitudes and values, more or less consistently across a variety of situations. But it may be that toot ic individuals or types of individuals respond similarly to. a specific situation on some basis other than-atitude. They might behave quite. differently in a different situation.- The research built on this framework calls for the lávestigator to define the situation explicitly to the respondent to ensure that the respondent "is dealing *lith the specific situation defined by the researcher and to mate certain the researcher knows how the responinint is defining the situation.

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As noted above, an individual's statenetf that he "gets mont of" his news'fron television or the newspaper or some other source cain mean wheal things. These ' meanings may or may tot be related to some generalized criteria of evaluation and may or may not be related. to his or fer actual use of mes media. If media use Gere refuted to various criteria of evaluation - use most, rely on most, most credible; etc: ${ }^{10}$-- the dominance of "television ought to be reflected in behavioral
masures en meda use as well. It is not.

One of the most interesting studies reported by the Surgeon.General's Scientific Advisoni Conititee on Television and Social Behavior -- the famous study, of the effects of televiaion violence on children - involved an exemination of the audiance of pae of TV's most violent programs, the evening netionk news. ${ }^{11}$ The study, which received'little attention when the full repokt apd supporting volumes were released, involved an exmination of 1969. data from the nimive, nationvide Simons studies. The studies consisted of two-meek diary audzts of mon media behavior by a national sample of more than 3,000 women and 3;000 men. The . analysis, based on cumalatiye exposure to the early levening network news over the two-week period, showed that. half of the American public (54\% of the women, 522mof the men) did not watch a single petwork evening neve program in the twoweek period. Only $20 \%$ of the men and $17 \%$ of the women watched as often as six times in the full two-week period.
$\approx$
Compharable data for newapaper readership were not obtained, but the atudy did mok about newspaper readerihip "yésterday" where yenterday was a weekday. In contrast to television news Jiewing newspaper zeadership was clatned by $90 \%$ of the feepondents. Oin the average weekday, according to this atudy, less than one American adult in foúr can be found watching the nétwork evening news while about nine out of ten can be found reading a newipaper.

A nationwide, survey of pedia use by the American Newapaper Publishers Ascociation In 1971 included a more detialled breakdown of televiaion news viewing. 12 Consistent with the Stmone study, the ANPA aurvey showed that $27 \%$ of the adult population watched television news between 5 and 9 p.m., the time bracket that
include the evening network news. But in addition; $\mathbf{2} 5 \%$ wetched after 9 p.t., $5 \%$ watched before noon and $7 \%$-watched between noon and 5 p.m. . The proportion of adults wh watched TV news at 811 "yesterday" was $48 \%$ of a mitiomal sample of 1,714. The stugl also showed thgt $77 \%$ of the total sample read a newapaper "yesterday'," afigure that is sisilar to those reporited in: a nuber of other studies.

These two studies indicate that the audience for nempapers on the average wequay is considerably fore than the audience for any television news $-77 \%$ of the public vs. $48 \%$-- and dramatically more if only the major evening network news, is included - 90\% *s.. 22-25\%.

Nielsen rating data indicate a level of viewing of evening network programs morg consistent with the ANPA fidures of totalfTV news viowing. than with the Simmons study. Afcording to the Isreel and Robinson study, Nielieen reported $39 \%$ of the households tuned in national television news during the period that the Simans diáry study covered. But, ratings -- at least those obtained by Nielsen's 'meter batached directly to the set -- measure only when the get if on, not how many people - if anyone at all ate watching.

The.problens of getting people to describe their own behavior accurately are well known to researchers, and most agré that eagurei of apecific, recent behavior ". , c.g., yesterday's behiavior $\rightarrow$ are more accurate than generalizied statemente, such as self-assesstrents of what a respondent, "usually" does.. But there is some question whether ve are even capable of correcty describing what we did yeaterday.

A shall but significant study comatsstoned by the Surgeon General's Committee dealt with' the issue. 13 Researchers studied 20 families, ". 'total of 93 india-". - Viduals, in the Kansas City area wo allowed television sound cameras to be placed In their homes for six days to watch them watch IV: One camera was .placed over the TV set facing viewers; the other was directed the set from the opposite side of the room, allowing researchers outside the howe to observe members of the family in front of the set and the set itself at the same time, In addition respondents filled out questionnaires about their media use during the six-day test period. Two parts of the study are pertinent here.

When asked about the amount of television they watched over the six-day period or the amount. yesterday, respondents overreported viewing by $40-50 \%$ compared with researchers' observations of the videotapes of equal viewing. Diary reports in which respondents indicated their viewing of specific program overestimated viewing by about' $25 \%$. Another useful"analysis compared the time the set was, turned on with the behavior of the members of the family. Not surpiaingiy the aet was playing to an empty living room a good deal of the tine. hrovies, (one of several categories of program content) had the largest audience in the sense that people were watching $76 \%$ of the time that the set was tuned to that type of program. Comerctals had the lowest viewership - people watched only $54.8 \%$ of the tine they mere on -- and news did not fare much better. At least one member of the household watched only $55 \mathrm{n} 2 \%$ of the tine the set was tuned to new. -

A11 of this suggests that estimates of the audience qi television news based on Nielsen metered samples or self-reports of viewing yesterday or in general may seriously inflate the actual audience. Even diary estimates may not edequately take into account the kinds of things people do while watching: talking,
reading; leaving the room for short periods, etc. Clearly, watching televiaion nges does not consist of giving one's unintertupted attention to the Tt for the entire newacast.

The notion that television nevrs viewfing is a casial, passive activity of ten interrupted by other activities is also supported by a study of the audiencerfor the impeachment hearings. While most of the research on the Watergate and impeachment hearings has concentrated on the opinions that were infiuenced and the
 mind that a good many people in the country did not watch very mich (or at all) and did not become psychologically' or 'physicaliy involved in the dravn-out - episode that started with the qreak-in at the Democratid national headquarters in 1972 and ended, finaily, with Nixon's resignation in 1974.

A survey in Seattle.(which has a oilghtly higher level of education than-thd country as a whole) at the time of Nixon's resignation indicated that almost half (48\%) of a anple of 346 respondente did not watch the House Judiciary Comittee hearings at all. and only one in four (26\%) watched more than five hours of the $40^{\prime}$ daytime hours broadcast live or the 40 hours of public television fepeats in the evening. A series of queations which probed the circuatances surrounding viewing indicated that most viewers approached the hgaringa casually: Yost watched only a few times and then for an hour, or less; most were doing something else at themetre time; and many said they would still be using gess, media if the hearings had not been available. The authors describe the public response to these hearings as "casual survetilance, 'slimpses of the hearings as time and circumstences permitted, when they pernitted at alif It'is a picture of history in $^{2}$ the making observed, by people on the run." 14

In sua, there are two generil objectione the assertion that most of the people -In the United States get most of their news from television and that television is the most influential source of information.. First, the credibility or come other generalized evaluation of a mediun is not functionally related to the use of the inedium; Rather, each medium has certain characteristica which iake it usefiul to different types of people in different circumatanees. Asking which source of information is the most credible in general is simply asking the wrong question.

The other objection to the assertion of the dominance of television arisen ftom various studies that show that viewing of television news is inconsistent with the claims that two-thirds of the American people cett most of pheir news from that medium. Both Nielsen ratings and aelf-reports of vieving indicate that exposure to television nêv is considerably less pervasive than'.exposure to newspapers, and both of these meqsures tend to overtitimate viewing. The Simmons technique of ally wiaries of media use. (which appears to be more accurate) over a two-week period suggestes that the fajor'television, news programe reach only a fraction of the people reached by newapapers.
t.

Even without considering the conceptial probleme of deternining the baies of media use and influence, it is clear that data on exposurè to various media are inconsistent with the assertion of the dominance of television. It is also clear that not, enough is known about the precise levels of exponurie to various news media over extended periods of time.--It is to this problem that we address this paper.

## 11.

Thé annuak'simplis studiel are useful data bases for the "study of media yse for geveral reasong. They use a diary method for TV use which seems to be the most accorita thintite. They, cover three major news media' - televistón, magazines and $\qquad$ , newapapers (although the measurement of newspaper.readership is not as detailed oŕ as complete as one woyld 11ke): Théy cöver a longer time perlod, two one-week,' periods. And they are besed on large national samples of about 6,000 respondents.

- With a gránt from the University of Narth Cardina University Research, Council, : we were able to purchase the most recent 'Simmonstudy available for public' use , (1974-75) andanalyze it in relation to several of the questions raised above: In particular, we wanted, to update the figures for exposuré tof televiaion news reported bý Israel and Robinson and, compare television news viewing with newepaper readership.

Data were collécṭed over two separate seven-day periods in Nowember, 1974; fróm 5,621 respondents who filled out a diary of all network television programs they v watched and inditated for each $15-$ minute segment whether they gave the program〈their "full attention," "somie attention," or whether they were "ourt of the rom.". The sum of these three measures. was designated as "total viewing."

In addition, personal interviews were carried out during edch seven-day peribd . vhich determined, afong other items, the readership of a'néwspaper• "yeacerday", *: where yesterday was a weekday. "Thus, for the- inp-week 'period, jive have "á detailed listing of all network television program watched, including the level of attention paid to each, and the readership of inewspapers for two weeldays during.
that period". Newapaper readership was coded for the two days together as zero or ope newapaper, two, three or more paperis. The survey also included extensive information about the individual respordent and his or her household

For purposes of this analysis; we drew an interval sample of $20 \%$ of the total, data set, producing a vorking sample of 1,122 respondente representiptive of the American adult popilation.


Table. 1 shows the. totar number of evening network televtsion'programs watched. over the two-week period and the total numer to which, respondents gave their, fuil attiention. It should bey noted that the figures refer to the number of $\vec{r}$
programs watched, not'to the number, of day, on which eveping network news programe were viewed.' Respepdents who wàtched, two nétwork newacasts on one day irould be credited with watching tyo programe
"The results of this recent patiomide survey are,dranatic enough to warirant this enphasis:-
In a twoweek period, half (49\%) of the American, adult population did not watch a oingléevening network gelevigion news program; in that period, only onl facrican adult. In four (25\%) watched more than fout network new program.

In a two-week period; well over half (59\%) of the Anerican adult population did not

- give their. full attention to a angle evening network felevisiong"
that period; 'oniy pae Americab adult in seven (14\%) gave their full attention to more than four evenin's network news prosrame.

We ao "not have comparabl $0^{\circ}$ data for 'newapaper readership, but, the data available' are bufficient to provide dramatic contrasts. Over any two veekdays in that same’ period, one adult in four (27\%) read one or no newspaper; two out of five adules (4F5). read two newapapers; and three oút of ten adults (29\%) read three or wore - newspapers.

It fa possible to calculate a model of television and néwapaper use on an "average" weekday-by adding. all of the reapondents who watched TV news lit or more timas, half of those who watched seven times, etc., and by performing a sintlar calculation for newspaper readershifí Fron this, model, we can estimate that, on the average weekday, less than one adult in five (19\%) watched network television news while four out of five (80\%) read a-newspaper.

In Table 2, we see both total viewing and full attention to network newe by selected demographics. The level of viewing is collapsed into three categories: none at all, one to four programs and fiye or.more prograns, . -

In both measures of exposure to television network news, the patterns are sinilar. 7
Viewing is unrelated to sex or race; county size and region of the country are

Table 2 about here
modeatly related; age, education and occupation are aignificantly related to exponure to network news. People who watch the network dewe on television fend to be elderly -- this is the factor which nost clearly ideatifies the network
news viewer, - less educated and not working. Viewing is heiviest in non-urban counties and in the South. Similar pattefore are.apparent whenwe look at fuill attention to viewing although differences In county aize and region of the country disappear in this analysis.

Demographic characteristics of teaderis of newspapers are shown in Table 3. All of the demographic and geographic characteristics, are significantly related, to pewspaper readership. The heaviest feaders tend to be men, people of alddle age;

Table 3 about here
well educated, white, in professional and managerial, occupatieits, livíng in urban areas and in the East.

The users of television as a source of news tend to be older and at the lower and of the social and educitional speḍtrum, while the users of newapapers are the opposite: well-educated, indofle-aged cosmopolities, But, these variables triteract in complex ways, and the data also indicate that viewing of televiaion nevrip on the whole, is modestly but positively related to readership of newapapers. People who watch network news also tend to read newspapers. This relationship is shown

Table 4 about here
in Table 4. Of particular interest are the people at the extremes of this bi-
variate analyais, those who pay attention to neither medium and those who pay Aitention to both. Selected demographice are shown in Table 5.

* Of the four variabies included in this analysis, the one characteristic which
best ideatifiea the non-neve-fonsumer the. Almost half (42z) of the people watched no television news fond read newspaper lese than once a day or not at
athare undet 50 yearp of age. Thistgroup aleo includer a ligher proportion of woien, blacke and gypde schoof graduafes, than the total population. The heavy consumers of both felevisiop newe and newspapers, in contrasit, tend to be beavily middle-aged and oyer pipple; witea, hen and people with at least a high school eduottión,

Discuasion.
It can be argied that newspaper readers are the cosiopolites while viewrers of television news frequently live outside the eastern urban centers and are closer to the lower end of the social, educational and economic epectra: This is true to some degrée, but these differrences are already well known and do not by themelves account fot the startling.diacrepancy, between the Roper assertions and the actual media behavior of the Amaricar pablic.

Media use seens to be partly a function of-time and cognitive fkills. Age is the factor which nost clearly identifies the frequent viewer of television news, and, elderify, of course, have the mostitime availeble fo watch television. The arderly also tend on the whole to be leas educatedjond-more likely to have phyical sipairments, both faltors which make reading difficult:

Newapaper readeity, in contrast, are identifiable not by age but by education.. Use of newspapers increases sharply with education, itwopapery are an officient
source' $q$ f information for individuals with the cognitive skills to read them quickly, efficiently and selectively. These skills, oace acquired, stay with an individual at least until later Iifé when physịcal and mental deterioration begins. to'set in and reading becomegisore motensome.

Age and education taken together can account for a large part of the fiferincen in media use by various segments of the American population. pifferences in the "avallability" of media based on geography ind irbanizition are also important. But what these fagtors do not account for is the driestic disparity betwien the Roper assertions and the levels of actual viewing of televiaion naws..

Part of the problem inambiguous methodology. Part of the problim is" a complex interaction of paychological and sociological, factors which influence media use. Clearly, we do not completely understand why people use the madia they do. But one thing is clear. The data on exponure to television newe do yot support the claim of television's doninance. And as we continue resegrch to Iearn more about why people use the media they do, we"do not ald our seatch by ackepting uncritically the Roper claim that two-thirds of the American people get most of their' news from television. We should not perpetunte 'this 'myth of television news.

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Table 1: Totial Wiewing aid "Pull Attention" Viewing of Network Ntwa.
ijuber of network' newe progra watched over two-meck. period:

Total Vteding ( $x=1122$ )
,

1-2
3-4
5-6 7-8. 9-10 11-12 13-14 $15+$
16.0
10.5
8.1 .
6.6
5.5
2.8
0.4
1.3
"Fuli" Ancientiod
(1) 1122 )
. $58.6 \%$
17.8 :

7:0 6.7 3.7 3.8 1. 3 0.4 0.8

Table 3: Characteristics of Viewiers of Televiaion Network News.



Table 2: Characteristics of Víewers of Television Network News (Cont.).:

*Nưbers in párentheses refer to number of respopdents in each group. **Significance levels are based on chi square teat.

Table 3: Charactertatics of Newspaper Readers.

Number of necspapers read in two days:

Total (1122) $k$.
Sex
Male (565)
Pemale (557)
Age
Under 30 years (264)
30-44 years (353)
45-59 years (291)
$60+$ years (214)
Education
Grade school (102)
High school (560)-
college (460)
Race
White (1039)
Minority (83)
Occupation
Professional, "manager (238)
. Thite collar (223)

- Blue collar (262)

Not working (399)
Copunty size
$\mathrm{i}_{4} 25$ la kest metros (598)
550,000+(306)
35,000+ (116)
Below 35,000 (100)
region
Northeärt (300)
Central (316) ${ }^{-1}$
South (286)
Weat (220)

None or One
$27 \bar{z}$
$\because \quad 25$
$\because \quad 30$

Two
44\%:

40
24
-20
27

46
25
25

25
49

19
$\frac{23}{32}$.
$31 \quad 47$.

$$
26
$$

27
28
33
40
45.

42
42
46

47
42
43

38
47
42

39
43

48
53
43

30
$29^{\circ} \cdot 22$
18

42
32
25
22

- 34

24
24
$-34$
27
Three or more 29\% 33 25 30 38. 29

- 16

28

- 33
$p=.09$
$p=.00$
'p=.01**
$i$

p=. 00
pe. 00

*Numbers in parentheses refer to number of respondents in each group. **Significence levels are baced on chi 'square test.

Table 4: Viewing of Television dews by Readership of Newspapers. Newspapery read: None or One Two Three or more


Table 5: Demographic Profile of Viewers of Television News and Readers of Newspapers.

Newspapert read:
Agé
None or one Two
Three or more
TV newscasts viewed: ${ }^{*}$
Hone.


Tewspapers read:


Table 5: Damographic Ptofile of Riewers of Television New and Readers of fewapapert (Cont.). .

.'. .

- TVं newscasts viewed:

Race
Nome or one Two

White
Minority
.

* Pive or more

Educat10n.
Nerspapers read:
None or one . Two Three or more


Appendix 1: Sources of News Erom Roper Surveys.
"Firs̊t, I'd like to ask, you where you usually get most of yolir news about what's. going on in the world today - from the newapapers or radip or televiaion or .. - magerince or talkiag to people or "where?",
 no anawer

Appendix 2: Analysis of Multiple Responses.


| TV only - 19 | 18 | 23 | 23 | 25 | 29 |  | $1-$ | 33 | 36 | 36 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| N'perst only 21 | 19 | 21 | 20 | 18 | $19$ | 21 |  | 19 | 19 | 21 |
| Both N'pers and TV (with or w/0' 26 other media) | 27 | . 24 | 28 | 30 | 25 | 22 |  | 26. | 23 | 23 |
| N'pers and 10 other media but not TV : | $\therefore 11$ | 8 | 8 | 7 | 6 |  | 5 | 5 | 4 | 4 |
| TV and other 6 media but not r'pers | : 7 |  | 6 | . 8 | 5 |  | 7 | 5 | 6 | 5 |
| Madia other 17 than TV or $n$ 'pers | 15 | 13 | 12 | 10 | 13 | 13 |  | 12 | 12 | 11 |
| DEP/MA 1 | 3 | 3 | 3 | 2 | 3 |  | 1 | $z$ | - | - |


[^0]:    
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