<table>
<thead>
<tr>
<th>Page</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>919</td>
<td>This Week in Science</td>
</tr>
<tr>
<td>921</td>
<td>Editorial</td>
</tr>
<tr>
<td>923</td>
<td>Letters</td>
</tr>
<tr>
<td>927</td>
<td>News &amp; Comment</td>
</tr>
<tr>
<td>936</td>
<td>Research News</td>
</tr>
<tr>
<td>951</td>
<td>Articles</td>
</tr>
</tbody>
</table>

### Editorial
The Epidemiology Issue

### Letters

### News & Comment
- United States Floats Proposal to Help Prevent Global Ozone Depletion
- Changing of the Senate Guard
- Qualified Approval for Binary Chemical Weapons
- Office of Naval Research Marks 40th Anniversary
- Elections Bring Some Financial Relief for British Scientists
- Congress to Investigate Charges That OMB Is Obstructing Data Collection
- France to Keep New Research Degree
- Division, Confusion Found on Campus

Briefing: California Ballot ■ NASA Looks to Ariane ■ Soviet Nuclear Plans

### Research News
- Myths and Methods in Ice Age Art
- Debate About Epilepsy: What Initiates Seizures?
- Self-Interest in Politics Earns a Nobel Prize

### Articles

#### Frontiers in Biology: Epidemiology

- New Prospects for Epidemiologic Investigations: R. I. Glass
- Epidemiology of Drug Abuse: An Overview: N. J. Koze1 and E. H. Adams

---

**Science** is published weekly on Friday, except the last week in December, and with an extra issue in February by the American Association for the Advancement of Science, 1333 H Street, NW, Washington, DC 20005. Second-class postage (publication No. 464460) paid at Washington, DC, and at an additional entry. Copyright © 1986 by the American Association for the Advancement of Science. The title SCIENCE is a registered trademark of the AAAS. Domestic individual membership and subscription (51 issues): $65. Domestic institutional subscription (51 issues): $99. Foreign postage extra: Canada $24, other (surface mail) $32, air-surface via Amsterdam $65. First class, airmail, school-year, and student rates on request. Single copies $2.50 ($3 by mail); back issues $4 ($4.50 by mail); Biotechnology issue, $5.50 ($6 by mail); classroom rates on request; Guide to Biotechnology Products and Instruments $16 ($17 by mail). Change of address: allow 6 weeks, giving old and new addresses and seven-digit account number. Authorization to photocopy material for internal or personal use under circumstances not falling within the fair use provisions of the Copyright Act is granted by AAAS to libraries and others registered with the Copyright Clearance Center (CCC) Transactional Reporting Service, provided that the base fee of $1 per copy plus $.10 per page is paid directly to CCC, 21 Congress Street, Salem, Massachusetts 01970. The identification code for Science is 0036-8075/86 $1 + .10. Postmaster: Send Form 3579 to Science, 1333 H Street, NW, Washington, DC 20005. Science is indexed in the Reader's Guide to Periodical Literature and in several specialized indexes. The American Association for the Advancement of Science was founded in 1848 and incorporated in 1874. Its objects are to further the work of scientists, to facilitate cooperation among them, to foster scientific freedom and responsibility, to improve the effectiveness of science in the service of the public welfare, and to increase public understanding and appreciation of the importance and promise of the methods of science in human progress.
Epidemiology, a field concerned with understanding health and disease in humans, focuses on health problems in populations rather than in individual patients. Advances in clinical medicine, laboratory science, statistics, and data handling in our basic understanding of the pathogenesis of disease have enabled epidemiologists to better examine causes of disease and to propose more effective strategies for prevention and control. See page 951. [Cover illustration by Alan Kahan, Washington, D.C.; photography by Donna K. Cantor, Washington, D.C.]