

ANNUAL REPORT OF THE MALAYSIAN ADVERSE DRUG REACTIONS ADVISORY COMMITTEE 2002

REPORTING RATE

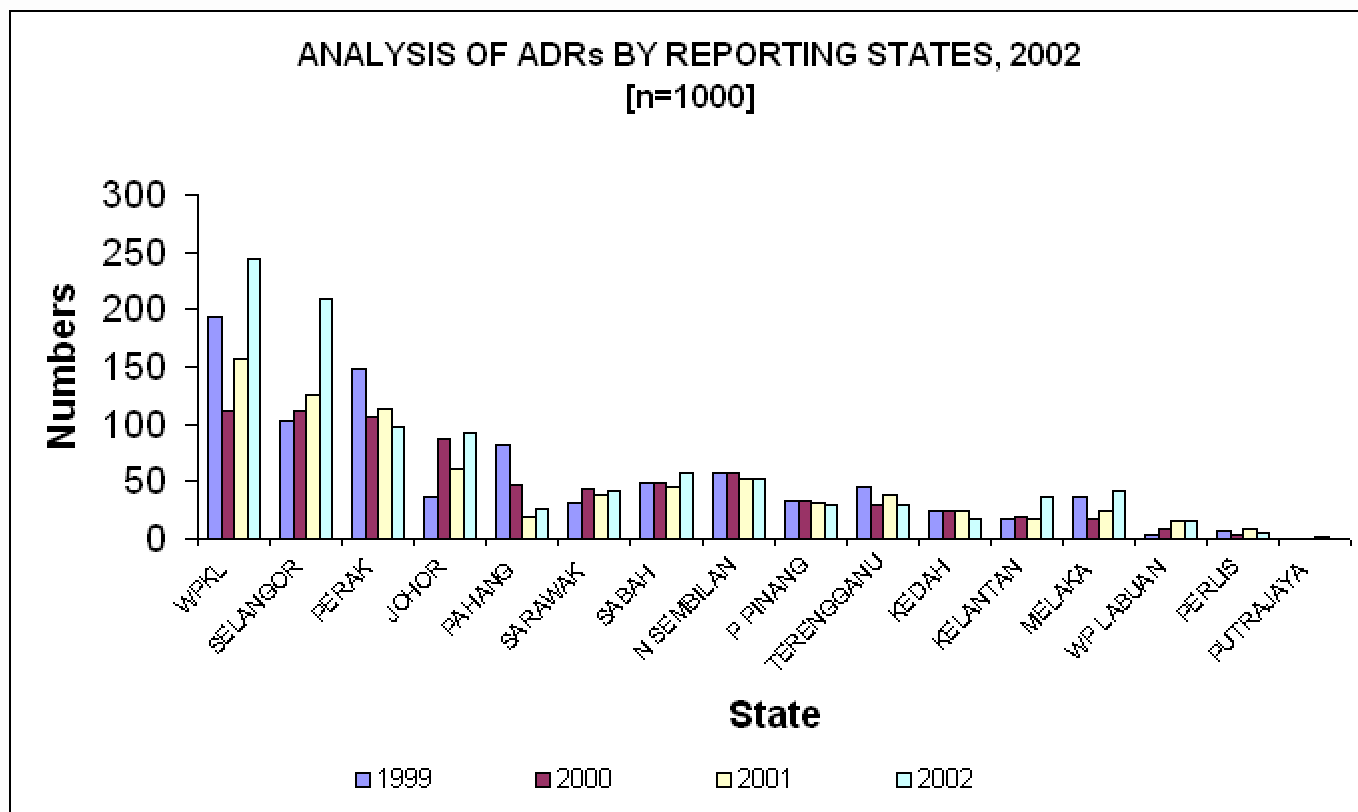
The Malaysian Adverse Drug Reactions Advisory Committee received 1000 domestic reports of suspected adverse reactions to health products in 2002. The adverse reactions were reported for the most part by health professionals (physicians, pharmacists and holders), either directly to MADRAC or indirectly through the product registration. An analysis of the total number of reports by reporter type is outlined in Table 1. A steady increase in the reporting of adverse reactions in Malaysia over the past years has been noted, with an increase of 23.0% in 2002 compared to 2001. MADRAC would like to thank all who have contributed to the program and encourages the continued support of post marketing surveillance through ADR reporting especially to drugs newly marketed in Malaysia.

Table 1: Number of ADR reports by type of reporter in 2001 and 2002
No. (and %) of reports

| Reporter | 2001 | 2002 |
|-----------------------|------------|--------------|
| Government Doctors | 496 (61.0) | 651 (65.1) |
| Pharmacist | 118 (14.5) | 162 (16.2) |
| GP/Private Specialist | 94 (11.6) | 49 (4.9) |
| Company | 67 (8.2) | 90 (9.0) |
| University | 36 (4.4) | 47 (4.7) |
| Total | 813(100.0) | 1000 (100.0) |

ANALYSIS OF REPORTS BY STATES

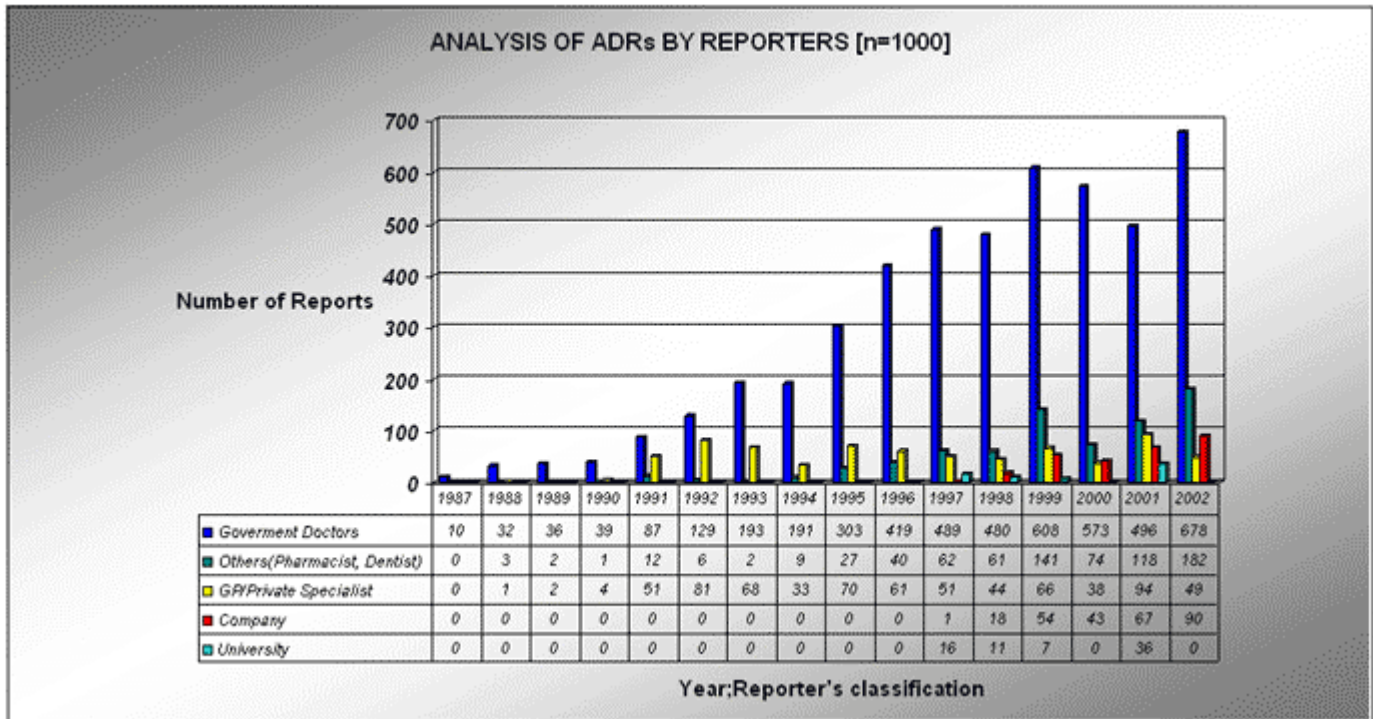
| STATE | NO.OF REPORTS | | | |
|-----------------|---------------|------|------|------|
| | 1999 | 2000 | 2001 | 2002 |
| Perlis | 7 | 3 | 9 | 5 |
| Kedah | 24 | 24 | 24 | 17 |
| Perak | 149 | 106 | 114 | 97 |
| Pulau Pinang | 33 | 34 | 32 | 30 |
| Selangor | 103 | 112 | 126 | 209 |
| Negeri Sembilan | 58 | 35 | 53 | 53 |
| Melaka | 37 | 17 | 24 | 41 |
| Johor | 82 | 88 | 81 | 92 |
| Pahang | 39 | 47 | 20 | 26 |
| Terengganu | 45 | 29 | 38 | 29 |
| Kelantan | 17 | 18 | 19 | 36 |
| Sabah | 48 | 41 | 46 | 58 |
| Sarawak | 32 | 43 | 39 | 42 |
| Kuala Lumpur | 194 | 112 | 157 | 245 |
| Labuan | 3 | 5 | 16 | 16 |



The reporting rate from the various states is as shown above with the highest number of reports being submitted from the Kuala Lumpur General Hospital and from the state of Federal Territory of Kuala Lumpur.

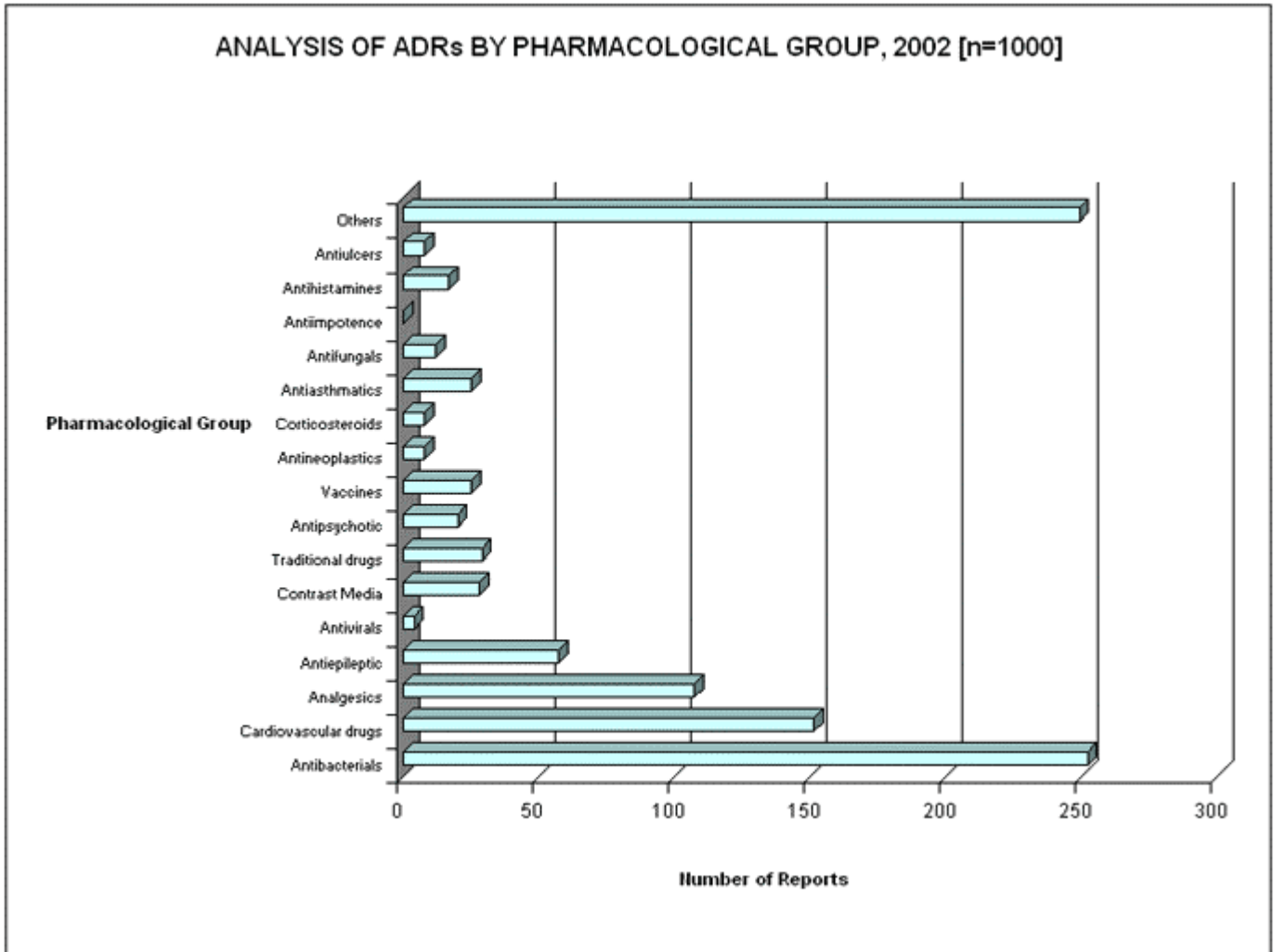
ANALYSIS OF REPORTERS

Efforts were made to encourage a multidisciplinary approach to improve the reporting rate of ADRs which previously relied mainly on doctors in the public sector. In 2002, there was a slight increase in the number of ADRs reported by doctors from the government hospitals. Unfortunately, the number of ADRs reported by doctors from the private sector decreased slightly. There were also a marked increased in the number of reports submitted by pharmacist and companies

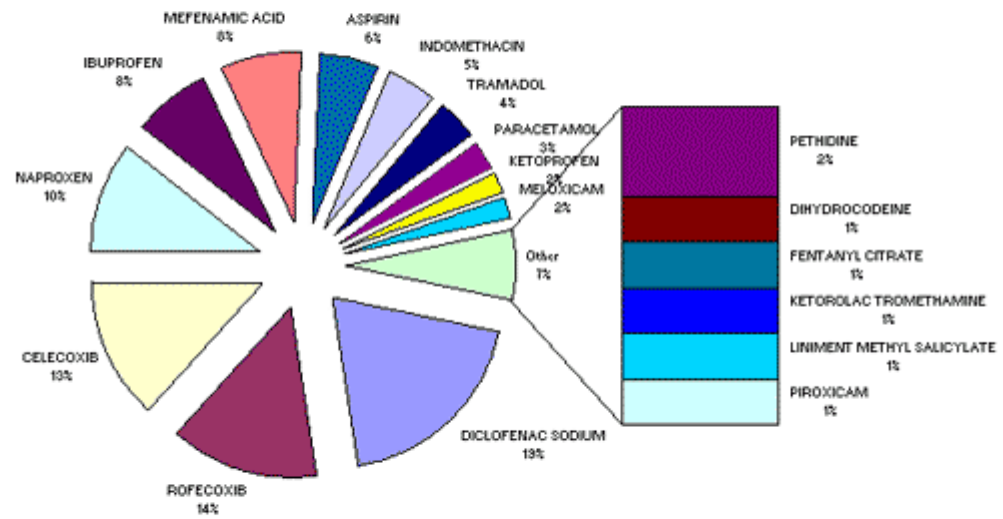


Analysis of ADRs by Pharmacological Groups

As in previous years, antiinfectives were associated with the highest number of adverse reactions reported followed by cardiovascular drugs



ANALYSIS OF ADRs BY ANALGESICS SUBCLASS, 2002



ANALYSIS OF ADRs BY ANTIBIOTIC SUBCLASS, 2002

