

Psoriasis

Summary of Methods and Data for Estimate of Costs of Illness

- | | |
|---|-----------------|
| 1. Estimated Total Economic Cost | Not Available |
| Estimated Direct Cost | \$ 3.0 billion |
| Estimated Indirect Cost | Not Available |
| Reference Year | 1994 |
| IC Providing the Estimate | NIAMS |
| | |
| Direct Costs Include: Other related nonhealth costs | No |
| Indirect Costs Include: | |
| Mortality costs | No |
| Morbidity costs: Lost workdays of the patient | No |
| Morbidity costs: Reduced productivity of the patient | No |
| Lost earnings of unpaid care givers | No |
| Other related nonhealth costs | No |
| Interest Rate Used to Discount Out-Year Costs | Not Available |
| 2. Category code(s) from the International Classification of Diseases, 9th Revision, Clinical Modification, (ICD-9-CM) for all diseases whose costs are included in this estimate: <u>696</u> . | |
| 3. Estimate Includes Costs: | |
| Of related conditions beyond primary, strictly coded ICD-9-CM category | No |
| Attributable to the subject disease as a secondary diagnosis | No |
| Of conditions for which the subject disease is an underlying cause | No |
| 4. Population Base for Cost Estimate (Total U.S. pop or other) | Total U.S. pop. |
| 5. Annual (prevalence model) or Lifetime (incidence model) Cost: | Annual |
| 6. Perspective of Cost Estimate (Total society, Federal budget, or Other) | Total Society |
| 7. Approach to Estimation of Indirect Costs | Human Capital |
| | |
| 8. <u>Source of Cost Estimate</u> : (Reference published or unpublished report, or address and telephone of person/office responsible for estimate) | |

Gerald D. Weinstein and James G. Krueger. *Therapy of Moderate-to-Severe Psoriasis*, Portland, OR, National Psoriasis Foundation, 1993, p. 19.

H. M. Sander, L.F. Morris, C.M. Phillips, P.E. Harrison, and A. Menter. The Annual Cost of Psoriasis. *Journal of the American Academy of Dermatology* 1993, 28:422-425.

9. Other Indicators of Burden of Disease:

According to a widely quoted paper published in the *Journal of the American Academy of Dermatology* (10:842-850, 1984), four million Americans suffer from psoriasis; approximately one-quarter of these patients have severe psoriasis (25 percent or more of the body surface covered with psoriatic lesions). In 1995, this number is likely to be considerably greater than four million.

10. Commentary:

According to Weinstein and Krueger (cited above), the costs of psoriasis care are considerable. The mean annual direct costs for those with moderate-to-severe disease can range from \$1,318 (methotrexate treatment) to \$3,914 (tar plus ultraviolet light [UVB] therapy).