

TABLE 12.—DISCOUNTED ANNUAL COSTS, PRESENT VALUE, AND MARGINAL SAVINGS OF OPTION 5—Continued

	Discounted Annual Costs of Option 5	Marginal Savings of Option 5 With Respect to Option 4
Year 15	\$114,722,000	\$15,073,000
:	:	:
:	:	:
Year 30	\$41,580,000	\$5,464,000
:	:	:
:	:	:
Present Value	\$4,818,810,000	\$715,355,000

¹ Each cell that contains only the symbol “:” is meant to convey the continuation of the series depicted in the cells that precede it from above.

Option 6: Require all components of option 4 (no outer packagers, no recordkeeping on outer packaging, 4 or 8 hour records access, 1 and 2 year records retention for perishables and all other products) except intrastate facilities are excluded.

In the datasets used for this analysis, it is difficult to distinguish between interstate and intrastate facilities. In order to be considered only engaged in intrastate commerce, a food or food packaging facility must obtain all its ingredients and sell its entire product within a single state. Since all food and food ingredients are regulated in a similar manner, even one ingredient in a food not obtained from within a particular state would make the food facility involved in interstate commerce. None of these datasets distinguishes facilities based on interstate or intrastate commerce. It is reasonable to assume, however, that intrastate facilities will be

very small and are unlikely to be retailers or transporters.

The FACTS database of currently regulated facilities contains 71,781 facilities possibly engaged in manufacturing, warehousing, and wholesale marketing of foods. Since the FACTS database gives a count of facilities that FDA inspects, this would estimate the total number of manufacturing, warehousing, and wholesale marketing facilities that are engaged in interstate commerce. The count of covered facilities of these types obtained from the CBP and non-employer statistics and presented in table 1, is 139,121 and includes both intrastate and interstate facilities. We estimate the number of intrastate facilities engaged in manufacturing, warehousing, and wholesale marketing by subtracting the number of facilities in FACTS from the number of corresponding facilities reported in table 1. The FACTS database does not track food packaging producers and

distributors, so we assume that the ratio of intrastate to total packaging facilities is the same as that of the facility types (48.3 percent) that are tracked by FACTS. This estimate may underestimate the intrastate facilities by the number of mixed-type facilities that engage in farming and other facility types engaged in only intrastate commerce. For the firm estimates, we assume one firm per facility for the facilities not counted in the FACTS data; intrastate firms are likely to be very small, and the average number of facilities to firms for small firms in the Census datasets is almost exactly 1.

Table 13 of this document presents the effects of excluding these intrastate firms on the number of facilities affected, and Tables 14 and 15 of this document present the range of undiscounted costs and the discounted annual costs, present value of total costs, and marginal savings of option 6 with respect to option 4.

TABLE 13.—NUMBER OF FACILITIES AND FIRMS AFFECTED, OPTION 6

Type	Facility Estimate	Firm Estimate
Manufacturers	34,437	28,009
Wholesalers/Warehouses	37,434	30,189
Packaging ¹	17,840	16,741
Transporters/Packers	16,773	15,171
Retail Grocery and Specialty Food	207,657	153,277
Convenience Stores	128,985	68,866
Mixed-Type Facilities that Engage in Farming	30,497	24,397
Importers	18,902	15,122
Total Domestic	492,525	351,772
Foreign		