

## Economic Guidance Memorandum 99-3, Unit Day Values for Recreation, Fiscal Year 1999

The national economic development (NED) benefit evaluation procedures contained in ER 1105-2-100 (28 Dec 90), Chapter 6, Section VIII, include three methods of evaluating the beneficial and adverse NED effects of project recreation: travel cost method (TCM), contingent valuation method (CVM), and unit day value (UDV) method.

The criteria for selecting the appropriate method are described in paragraph 6-90.d. and Figure 6-7 of ER 1105-2-100. If the UDV approach is used, the range of unit day value for FY 1999 studies is:

General Recreation	\$2.66	\$7.99
Specialized Recreation	\$10.82	\$31.64

If, when using the UDV method, evidence indicates a value outside the published range, use either TCM or CVM to evaluate recreation benefits.

Tables 6-28, 6-29 and 6-30 of ER 1105-2-100 are constructed as guidance for planners in the selection of unit day values for particular recreation activities. Tables 6-29 and 6-30 illustrate a method of assigning a point rating to a particular activity. Point values are assigned based on measurement standards described for the five criteria of activities, facilities, relative scarcity, ease of access, and aesthetic factors.

Tables 6-29 covers general recreation, involving relatively intensive development of access and facilities. The specialized recreation category, covered in Table 6-30, includes such unique experiences as big game hunting, wilderness pack trips, white water canoeing, and other activities generally categorized by more extensive, low density use.

A copy of Table 6-28 values for FY 1999 is attached. This table may be used to convert points to a UDV dollar amount if the point assignment method is used. The table was adjusted from Table K-3-1, Federal Register Vol. 44, No. 242, p.72962, December 4, 1979, using the CPI factor.

As a special note of warning, it is important to recognize that all specialized recreation activities claimed will require a regional model or a site-specific study, the results of which would probably not agree with the specialized values in the attached table (See ER 1105-2-1, Chapter 6, Section VIII, Figure 6-7). The only exception would be in those specific cases for which the unreliability or infeasibility of TCM or CVM can be stated convincingly (See ER 1105-2-100, Chapter 6, Section VIII, paragraph 6-112).

Revised Table 6-28 (FY 99)

Conversion of Points to Dollar Values

(See ER 1105-2-100, Chapter 6, Section VIII for Tables 6-29 and 6-30)

				<b>Specialized</b>
		<b>General</b>	<b>Specialized</b>	<b>Recreation</b>
	<b>General</b>	<b>Fishing and</b>	<b>Fishing and</b>	<b>Values other</b>
<b>Point</b>	<b>Recreation</b>	<b>Hunting</b>	<b>Hunting</b>	<b>than Fishing</b>
<b>Values</b>	<b>Values (1)</b>	<b>Values (1)</b>	<b>Values (2)</b>	<b>and Hunting (2)</b>
0	\$2.66	\$3.83	\$18.65	\$10.82
10	3.16	4.33	19.15	11.49
20	3.50	4.66	19.48	12.32
30	4.00	5.16	19.98	13.32
40	5.00	5.66	20.48	14.16
50	5.66	6.16	22.48	15.99
60	6.16	6.83	24.48	17.65
70	6.49	7.16	25.98	21.32
80	7.16	7.66	27.98	24.81
90	7.66	7.83	29.98	28.31
100	7.99	7.99	31.64	31.64

(1) Points from Table 6-29

(2) Points from Table 6-30