

Table 11. Projected Beef Herd Bull and Heifer Replacement Requirements 1981-1985 as a Percentage of the Approximate Numbers of Each Sex Found in the 1980 Calf Crop Nine Southern U.S. States (Per cent of 1980 calf crop that will be needed)

	<u>1981</u>		<u>1982</u>		<u>1983</u>		<u>1984</u>		<u>1985</u>	
	<u>Bulls</u>	<u>Heifers</u>	<u>Bulls</u>	<u>Heifers</u>	<u>Bulls</u>	<u>Heifers</u>	<u>Bulls</u>	<u>Heifers</u>	<u>Bulls</u>	<u>Heifer</u>
Alabama	5.7	41.4	5.2	43.2	5.7	44.3	5.9	46.4	5.9	47.7
Florida	4.9	39.1	6.8	40.2	6.8	41.2	5.6	42.6	5.8	43.7
Georgia	5.1	39.8	5.3	41.2	5.3	42.9	5.8	44.6	5.8	46.0
Louisiana	5.9	43.4	6.9	45.0	6.9	45.9	6.6	47.8	6.6	48.8
Mississippi	6.1	51.1	6.4	53.6	6.6	55.9	7.0	58.6	7.5	60.9
North Carolina	4.5	28.6	4.5	28.2	4.5	29.0	4.9	29.0	4.9	29.4
South Carolina	5.0	33.6	5.0	34.3	4.3	35.7	5.0	35.7	5.0	37.1
Tennessee	4.9	37.2	5.1	38.3	5.3	39.2	5.3	40.0	5.7	41.1
Texas	4.7	34.1	4.7	34.9	4.8	35.6	5.0	36.4	5.1	37.1

Replacement Needs Relative to Availability. While there will be a slowly increasing need for replacements in the area for the next few years, there is evidence that animals will be available in the area to fill these needs. This evidence is presented in Table 11.

The replacement needs of each of the next four years will be raised in the area as the needs in any one of these years will likely account for less than 50 per cent of the annual calf crop of the period. This is based on the comparison of expected annual requirements to the numbers represented by the 1980 calf crop. This is shown in Table 11. While the calf crop in 1980 was smaller than that expected annually in 1981-1985 the bull replacement requirements are shown to be about five per cent of those potentially available. Heifer requirements, meanwhile, are shown to be less than 50 per cent of the heifers that will be available in the area.

PUREBRED REGISTRATION DATA FOR FOUR CATTLE BREEDS IN THE NINE-STATE AREA

Establishing markets for purebred animals in an area where the breed is not well known is recognized as a formidable task. Canadian breeders interested in marketing a specific breed in the nine-state area would likely find it worthwhile to know the dispersion of the particular breed within the area. Tables 12 through 15 show these data for four breeds. Table 12 shows that 65 per cent of the Shorthorn cattle registered in the nine-state area in 1980 were accounted for by Alabama, Tennessee and Texas.