The table below presents a 23-year record of the differences between the September projection and the final estimate. Using world wheat production as an example, changes between the September projection and the final estimate have averaged 9.6 million tons (1.8 percent) and ranged from -30.7 to 13.1 million tons. The September projection has been below the final 13 times and above the final 10 times.

## RELIABILITY OF PRODUCTION PROJECTIONS

COMMODITY AND	PROJECTION AND FINAL ESTIMATES, 1981/82 - 2003/04 1/					
REGION	Difference		Lowest	Highest	Below	Above
	Average	Average	Diffe	erence	Final	Final
	Percent	Million metric tons		Number of years 2/		
WHEAT	4.0			40.4	40	
World	1.8	9.6	-30.7	13.1	13	10
U.S.	1.3	0.8	-1.4	2.5	8	15
Foreign	2.0	9.4	-30.9	12.0	14	9
COARSE GRAINS 3/						
World	1.6	13.5	-39.4	24.9	17	6
U.S.	3.5	7.9	-21.5	26.0	16	7
Foreign	1.7	10.0	-23.3	13.9	15	8
RICE (Milled)						
World	2.0	6.8	-24.1	3.6	18	5
i	4.2	0.2	-0.5	0.5	13	0
Foreign	2.0	6.8	-24.4	3.7	18	9 5
SOYBEANS						
World	3.5	4.6	-11.8	12.0	15	8
U.S.	4.6	2.8	-5.5	6.1	11	12
Foreign	6.0	4.2	-10.7	5.8	13	10
	Million 480-lb. bales					
COTTON	IVIIIIION 48U-	ib. baies	1			
		0.5	40.0	0.5		
World	3.0	2.5	-10.9	9.5	14	9
U.S.	4.7	0.7	-1.9	2.4	12	10
Foreign	3.6	2.5	-11.2	9.8	13	10
UNITED STATES	Million bu	shels	1			
CORN	3.8	293	-846	885	16	7
SORGHUM	4.6	29	-69	81	11	11
BARLEY	3.1	12	-29	36	9	14
OATS	6.7	14	-19	44	4	18

<sup>1/</sup> The final estimate for 1981/82-2002/03 is defined as the first November estimate following the marketing year.

<sup>2/</sup> May not total 23 if projection was the same as the final.

<sup>3/</sup> Includes corn, sorghum, barley, oats, rye, millet, and mixed grain.