The table below presents a 23-year record of the differences between the July projection and the final estimate. Using world wheat production as an example, changes between the July projection and the final estimate have averaged 13.7 million tons (2.6%) percent) and ranged from -34.6 to 23.7 million tons. The July 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	Differ		Final	Final
14/1/FA T	Percent	Million metric tons		Number of years 2/		
WHEAT World	2.6	40.7	-34.6	23.7	40	10
U.S.	2.0 2.7	13.7 1.7	-34.6 -6.2	23.7 5.4	13	14
	2.7	13.2		5.4 21.1	9	12
Foreign	2.8	13.2	-32.0	21.1	13	10
COARSE GRAINS 3/						
World	2.3	19.1	-33.8	53.6	10	13
U.S.	7.3	15.5	-32.6	57.7	9	14
Foreign	1.9	11.1	-25.1	28.2	8	15
RICE (Milled)						
World	2.2	7.5	-24.0	14.2	16	7
i	4.2	0.2	-0.5	0.4	12	ç
Foreign	2.2	7.5	-24.3	14.3	16	7
SOYBEANS						
World	4.0	5.2	-11.9	18.4	11	12
U.S.	6.1	3.7	-9.8	12.7	10	13
Foreign	6.5	4.4	-10.3	6.2	13	10
	Million 480-lb. bales					
COTTON	mmon 100		1			
World	3.9	3.2	-13.3	10.3	14	ç
U.S.	8.3	1.3	-2.8	3.6	14	9
Foreign	4.0	2.8	-12.1	10.5	11	11
UNITED STATES	Million bu	shels	Ì			
CORN	8.0	551	-1103	2034	12	11
SORGHUM	14.4	86	-213	176	12	11
BARLEY	6.5	26	-213 -87	62	7	15
			_			18
OATS	10.4	28	-39	144	4	

<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.