The table below presents a 23-year record of the differences between the December projection and the final estimate. Using world wheat production as an example, changes between the December projection and the final estimate have averaged 3.7 million tons (0.7 percent) and ranged from -10.2 to 6.1 million tons. The December projection has been below the final 15 times and above the final 8 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	rence	Final	Final
	Percent	Million metric tons			Number of years 2/	
WHEAT			1			
World	0.7	3.7	-10.2	6.1	15	8
U.S.	0.3	0.2	-1.2	0.5	12	ę
Foreign	0.8	3.7	-10.3	6.3	15	8
COARSE GRAINS 3/						
World	1.0	8.0	-20.2	6.9	14	9
U.S.	1.0	2.3	-7.5	5.8	12	11
Foreign	1.3	8.0	-24.0	7.6	13	10
RICE (Milled)						
World	1.7	5.7	-16.2	4.7	17	6
U.S.	2.8	0.2	-0.3	0.5	11	10
Foreign	1.7	5.7	-16.2	4.6	18	5
SOYBEANS						
World	2.5	3.3	-7.9	9.9	14	9
U.S.	1.7	1.0	-2.7	2.1	8	15
Foreign	4.4	3.1	-7.5	10.0	13	10
	Million 480-lb. bales					
COTTON	Willion 400		İ			
World	2.2	1.9	-6.3	4.4	12	10
U.S.	1.4	0.2	-0.5	0.4	11	11
Foreign	2.7	1.9	-6.7	4.3	11	1
UNITED STATES	Million bus	 shels				
CORN	1.1	80	-250	164	12	10
SORGHUM	2.4	16	-53	52	11	12
BARLEY	1.2	5	-12	24	9	10
OATS	0.9	3	-18	16	7	8

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