

PRESUPUESTO	ÍTEM	TRAMO Y/O ALCANCE	DESCRIPCION	MONTOS ACORDADOS EN ACTA DE MODIFICACION 21/12/2011
				VALOR
		ESTUDIOS PARA LA IMPLEMENTACION DE NUEVAS ESTACIONES DE PEAJE O EXTENSIONES DE LAS ESTACIONES DE PEAJE EXISTENTES		\$ 200,000,000
	VÍAS (SECTOR 1)	MEJORAMIENTO VIAL EN EL SECTOR MOSQUERA	ACCESO AL RUBÍ	\$ 1,844,712,553
			VÍAS BARRIOS LOS PUENTES Y MTO. PUENTES PEATONALES	
	1.1	CONSTRUCCION DOBLE CALZADA	CONSTRUCCION DOBLE CALZADA	\$ 1,070,000,000
	1.2	VARIANTE CERRO GORDO -BALSILLAS	INTERSECCION BALSILLAS	
	1.3	LA GRAN VÍA CACHIPAY	REHABILITACIÓN DE CORREDOR	\$ 15,430,174,495
	1.4		SITIO INESTABLE PR 1+000	\$ 2,500,000,000
	1.5		SITIO INESTABLE PR 3+000	
	1.6		SITIO INESTABLE PR 5+200	
			SITIO INESTABLE PR 0+800	
	2		SITIOS INESTABLES A LO LARGO DE TODA LA VÍA	
	2.1		Adicional tubería K4	\$ 1,018,984,608
	2.2		Paso municipio Cachipay	\$ 3,060,000,000
	2.3	CACHIPAY -PETALUMA-ANOLAIMA -LA FLORIDA	REHABILITACIÓN DE CORREDOR	\$ 10,041,215,281
	2.4		TRANSITABILIDAD DESDE K11+200AL K12+940	\$ 2,500,000,000
	2.5		ESTUDIO DOS (2) SITIOS INESTABLES ENTRE EL K11+200 Y K12+940	
	2.6		ATENCION A SITIOS INESTABLES	
	2.7	TENA - LA GRAN VÍA	REHABILITACION Y MEJORAMIENTO	\$ 4,361,942,923
	2.8		ZONAS INESTABLES	
	2.9	LA MESA - EL COLEGIO	REHABILITACION Y MEJORAMIENTO	\$ 109,354,800
	2.10		OBRAS DE MITIGACION EN EL CORREDOR	
	2.11		TRANSITABILIDAD	\$ 2,040,645,000
	2.12		2 SITIOS INESTABLES	
	2.13	PUERTO ARAUJO -SAN ANTONIO DEL TEQUENDAMA	REHABILITACION	\$ 15,200,000,000
	2.14		ZONAS INESTABLES	
	2.15	ANAPOIMA - MESA DE YEGUAS	REHABILITACION Y MEJORAMIENTO	\$ 3,000,000,000
			REHABILITACION CORREDOR ZONA URBANA	\$ 800,000,000
	3	TOCAIMA - JERUSALEN	REHABILITACION CORREDOR ZONA RURAL	\$ 10,000,000,000
	3.1		PUENTE SOBRE LA QUEBRADA MATACHI (K3+300)	\$ 1,200,000,000
	3.2	JERUSALEN - GUATAQUI	REHABILITACION EN AFIRMADO	\$ 1,000,000,000
	3.3	TOCAIMA- AGUA DE DIOS RICAURTE (LOS MANUELES)	CONSTRUCCION ACCESOS PTE. LOS SUSPIROS	\$ 29,483,805,053
	3.4		TERMINACION PUENTE LOS SUSPIROS	
	3.5		REHABILITACION MEJORAMIENTO DEL CORREDOR VIAL TOCAIMA LONGITUD 10.06 KM	
	3.6		PUENTE QUEBRADA CHARCO VERDE	
	3.7		REHABILITACION PUENTE SOBRE EL RIO BOGOTA ESTUDIOS HIDROLOGICOS	
	3.8	VARIANTE FLANDES -GIRARDOT (VIA NARIÑO)	CONSTRUCCION DOBLE CALZADA	\$ 17,000,000,000
	3.9		PUENTE SOBRE EL RIO MAGDALENA	
	3.10		CONSTRUCCION INTERSECCIONES VARIANTE FLANDES- GIRARDOT	
	3.11	TERMINACION DE LA INTERSECCION CHILACOS	CONSTRUCCION PARA LA TERMINACION DE OBRA GLORIETA "LOS CHILACOS"	\$ 1,866,244,494
	3.12		RECURSO ADICIONAL PARA EL ESPACIO PUBLICO	\$ 300,000,000
	3.13	TRAMO MOSQUERA-FUNZA	CONSTRUCCION OBRAS DE MEJORAMIENTO SEGURIDAD PEATONAL DEL MUNICIPIO DE MOSQUERA(CONSTRUCCION ESPACIO PUBLICO GLORIETA FRENTE PURINA)	\$ 300,000,000
	3.14		ADECUACION DEL ESPACIO PUBLICO Y CONSTRUCCION DE CICLORUTA ALCANTARILLADO SECTOR INTERSECCION CALLE 15 DE FUNZA (K0+540) en Mosquera hasta (K0+530) en Funza.	\$ 5,000,000,000
	3.15		ADECUACION DEL ESPACIO PUBLICO Y CONSTRUCCION DE CICLORUTA sector Mosquera-Funza.	\$ 200,000,000
	3.16	TRAMO MOSQUERA-GIRARDOT	TERCEROS CARRILES PARA ADELANTAMIENTO	
	3.17		CONSTRUCCION PARADOR DE LA GRAN VIA (MUNICIPIO DE TENA) y accesos	\$ 1,200,000,000
	3.18		PASO EL AREA URBANA DE LA MESA	
	3.19		CONSTRUCCION PARADOR TURISTICO DE ANAPOIMA	\$ 4,500,000,000
	3.20		CONSTRUCCION CAMELLON DE ANAPOIMA	
	3.21		PASO POR EL AREA URBANA DE APULO	\$ 2,000,000,000
	3.22		GLORIETA INTERSECCION INGRESO A TOCAIMA (K29) Y PASO POR TOCAIMA (URBANO DE TOCAIMA)	\$ 1,995,738,204
			EJECUCIÓN DE OBRAS PARA LA REHABILITACIÓN DEL PAVIMENTO EN EL CORREDOR TOCAIMA-JERUSALEN, SECTOR ZONA URBANA DE TOCAIMA, EN LONG 835 M DEL ADICIONAL No. 15 AL CONTRATO DE CONCESIÓN No. 01 DE 1996	
	4		ATENCION DE ALGUNOS SITIOS INESTABLES (ACTUALIZACION ESTUDIO K86+900)	\$ 16,182,589
	4.1	TOTALES		\$ 139,239,000,000

PRESUPUESTO INVENTORÍA - VALOR MENSUAL					
ETAPA OPERACIÓN + ETAPA CONSTRUCCIÓN					
COSTOS DE PERSONAL	A	B	C	D	E
				PARTICIPACIÓN	=A*B*C*D
CARGO / OFICIO (1)	REMUNERACIÓN MENSUAL	CANTIDAD DE PERSONAS	% DE DEDICACION	MESES	VALOR TOTAL
PERSONAL PROFESIONAL					
Director del Proyecto	4,312,000.00	1.00	0.40	1.00	1,724,800.00
Subdirector Técnico-Operativo	3,080,000.00	1.00	1.00	1.00	3,080,000.00
Especialista en Geotecnia, Suelos y Pavimentos	2,464,000.00	1.00	0.40	1.00	985,600.00
Especialista en Estructuras	2,464,000.00	1.00	0.20	1.00	492,800.00
Especialista en Finanzas	2,464,000.00	1.00	0.20	1.00	492,800.00
Especialista en Derecho Administrativo	2,464,000.00	1.00	0.25	1.00	616,000.00
Ingeniero en Hidrología e Hidráulica	2,464,000.00	1.00	0.15	1.00	369,600.00
Ingeniero Residente Técnico Operativo	2,464,000.00	1.00	1.00	1.00	2,464,000.00
Ingeniero ambiental	2,464,000.00	1.00	0.15	1.00	369,600.00
Coordinador Social	2,464,000.00	1.00	0.15	1.00	369,600.00
Ingeniero Auxiliar	1,232,000.00	1.00	1.00	1.00	1,232,000.00
Auditor en Área de Sistemas y/o pesaje y/o tarifas	2,464,000.00	1.00	0.20	1.00	492,800.00
Profesional Aseguramiento de la Calidad	2,464,000.00	1.00	0.10	1.00	246,400.00
PERSONAL TÉCNICO					
Auxiliar de ingeniería ICCU (1)	1,232,000.00	1.00	1.00	1.00	1,232,000.00
Topógrafo (inspector)	1,232,000.00	1.00	0.30	1.00	369,600.00
Cadenero 1	616,000.00	1.00	0.30	1.00	184,800.00
Cadenero 2	616,000.00	1.00	0.30	1.00	184,800.00
Conductor o motorista	616,000.00	3.00	1.00	1.00	1,848,000.00
PERSONAL ADMINISTRATIVO					
Secretaria 1	616,000.00	1.00	1.00	1.00	616,000.00
SUBTOTAL COSTOS DE PERSONAL (1)					17,371,200.00
FACTOR MULTIPLICADOR (2)					2.20
TOTAL COSTOS DE PERSONAL = (1) * (2) = (3)					38,216,640.00
OTROS COSTOS (2)	J	K	L	M	N
	CANTIDAD	UNIDAD	\$ DE USO o KM	COSTO	(JxLxM)
					VALOR TOTAL
EQUIPOS					
Alquiler Vehículos de 2500 cc de cilindrada, incluyendo costos de operación y mantenimiento excepto salario del conductor	3.00	Mes	1.00	3,000,000.00	9,000,000.00
Alquiler Equipo completo de topografía incluyendo tránsito, nivel y elementos complementarios	1.00	Mes	1.00	1,200,000.00	1,200,000.00
Alquiler Mobiliario Oficina + Computadores con impresora y tinta	1.00	Mes	1.00	400,000.00	400,000.00
Alquiler Oficina en la zona del proyecto	1.00	Mes	1.00	1,000,000.00	1,000,000.00
OTROS COSTOS DIRECTOS					
Equipos de video peajes - conteo vehículos.	2.00	Unidad	1.00	4,000,000.00	8,000,000.00
Equipos de Computo portátiles (2 unidades, incluye Softwar), escaner industrial (1), Cámara Fotográfica (1), y Cámara de video, Supervisión del Proyecto.	1.00	Unidad	1.00	2,300,000.00	2,425,644.00
Peajes + Combustible	3.00	Mes	1.00	400,000.00	1,200,000.00
Papelería, fotocopias, heliografías, elaboración de informes	1.00	Mes	1.00	660,000.00	660,000.00
Comunicaciones, Adquisición plan telefonía celular (incluye voz y datos), incluye teléfono celular supervisor del proyecto	1.00	Mes	1.00	500,000.00	500,000.00
Medición Índice de Estado y Reflectividad	3.00	Unidad	14.00	150,000.00	6,300,000.00
TOTAL OTROS COSTOS = (4)					30,685,644.00
COSTO BÁSICO = (3) + (4) = (5)					68,902,284.00
IVA = 16% * (5) = (6)					11,024,365.00
COSTO TOTAL = (5) + (6)					79,926,649.00

DESCRIPCION DE LOS TRAMOS	Longitud	Costo Mantenimiento Rutinario Km \$ Dic 2014	Total Mant. Rutinario Km \$ Dic 2014	Frecuencia en Años	Costo Mantenimiento Periodico Km	Total Mant. Periodico Km \$ Dic 2014
PRESUPUESTO ESTIMADO LA GRANVIA CAHIPAY	10.4	38,324,286	398,572,578	7	489,699,214	5,092,871,825
PRESUPUESTO ESTIMADO LA TOCAIMA JERUSALEN - LA MESA EL COLEGIO TOCAIMA AGUA DE DIOS- RICAUTE	37.41	15,131,701	566,076,916	7	193,349,507	7,233,205,043
TRAMO MOSQUERA FUNZA TRAMOS ENTRE MOSQUERA GIRARDOT	57.42	21,939,411	1,259,761,000	7	280,336,923	16,096,946,113

INTERVENTORIA	VALOR SDIC 2014
INTERVENTORIA	\$ 79,926,649
LICENCIAS AMBIENTALES	
CON BASE A PPTO	1%
RIESGOS	
Riesgo Predial	\$ 1,498
Riesgo Ambiental y Social	\$ 2,666
Redes	\$ 332
Total	\$ 4,496
Provision Riesgos	\$ 12,488,889

SISTEMAS DE TRANSPORTE INTELIGENTE - ITS	EQUIPO	M-O Y MATER. IMPLEMENTACION	SOFTWARE	OPERACIÓN	MANTENIMIENTO
Sistema de pesaje	240,200,000				
Código electrónico	823,000,000				
Data center	258,000,000				
En la estación de peaje		265,460,400	78,300,460		
En la estación de peaje				7,266,775	4,241,480
SUBTOTAL	1,319,200,000	265,460,400	78,300,460		
TOTAL EQUIPOS Y SOFTWARE			1,662,960,860		

VALOR EQUIPO U OBRA EN \$	VALOR MENSUAL PERSONAL \$	VALOR MENSUAL INSUMO \$	OBSERVACION
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2 SERVICIOS A CARGO DEL CONCESIONARIO

Los servicios a cargo del Concesionario se dividen en dos (2) categorías:

- Aquellos de carácter obligatorio, por los cuales no puede cobrar en ningún caso cargo alguno a los usuarios del servicio diferente del peaje establecido. Estos servicios serán prestados a costo y riesgo del Concesionario y serán remunerados enteramente mediante la Retribución prevista en el Contrato, sin considerar Ingresos Comerciales.
- Los Servicios Adicionales, los cuales no son de carácter obligatorio y que pueden ser cobrados a los usuarios del servicio, generando Ingresos Comerciales que formarán parte de la Retribución del Concesionario. Forman parte de los Servicios Adicionales, entre otros, la venta de publicidad, la explotación comercial de las Áreas de Servicio mediante actividades tales como la venta de combustibles, alimentos, restauración, hostelería o mediante la celebración de contratos con terceros para la explotación de dichas áreas.

2.1 Servicios de Carácter Obligatorio

A continuación se relacionan los servicios que de manera obligatoria deberán ser prestados por el Concesionario en los términos señalados en el literal a) del numeral 2 de este Apéndice.

- Mantenimiento rutinario y periódico de los pavimentos de la(s) vía(s) objeto de la concesión;
- Mantenimiento de la zona de vía, libre de obstáculos, ramas, troncos, arbustos, piedras, animales muertos y demás objetos que impiden la visibilidad, tránsito y drenaje de la vía.
- Atención de emergencias como derrumbes o inundaciones que afecten la normal circulación por las vías.
- Mantenimiento de obras hidráulicas, puentes, pontones y obras de contención,
- Mantenimiento señalización.
- Mantenimiento de obras de infraestructuras construidas para la operación de la concesión (peajes, áreas de servicio, estación de pesaje, etc).
- Operación de las Estaciones de Peaje;
- Operación, seguimiento y control del tránsito;
- Atención de accidentes.
- Primeros auxilios a personas;
- Auxilio mecánico básico a vehículos;
- Manejo y control ambiental;
- Áreas de Servicio. Será obligatoria la existencia de un número de Áreas de Servicio según se define en el Apéndice Técnico 1, a las cuales podrán acceder cualquier vehículo que circulen en la vía, sin que exista un cargo por el acceso a éstas. Lo anterior, sin perjuicio del derecho que le asiste al Concesionario de explotar comercialmente dichas Áreas de Servicio mediante la prestación de Servicios Adicionales;
- Pago de Peaje con tarjeta o telepeaje, sin perjuicio de lo previsto en la Sección 3.3.4.3 de este mismo Apéndice.
- Control del peso de vehículos de carga (Estación de Pesaje fija o móvil);
- Vigilancia de las instalaciones de las Estaciones de Peaje;

- q) Comunicaciones con el Centro de Control de Operación;
- r) Paraderos para el servicio de transporte público;
- s) Grúas;
- t) Carrotaller;
- u) Postes SOS;
- v) Sistema de información al usuario a cerca de los trabajos que se presentan en la vía, accidentes o incidentes que afecten la normal circulación de vehículos dentro de la concesión, tarifas de cada estación de peaje, mapa con el corredor vial donde se indique la ubicación de los peajes y sitios de interés como hospitales, estaciones de servicio y sitios turísticos.
- w) Cualquier otro servicio que, por su naturaleza, sea necesario para el desarrollo de los servicios obligatorios anteriormente mencionados, o de las obligaciones especiales de Operación a que hace referencia el numeral 3.3 de este Apéndice.

3.3.3.1 Sistema de Atención de Incidentes, Accidentes y Emergencias

3.3.3.1.1 Bases de Operación

a) 1 vehículo de vigilancia que recorrerá toda la longitud de la(s) vía(s) de forma ininterrumpida 24 horas al Día, 365 Días al año.	70,000,000
b) 1 Carrotaller	110,000,000
c) 1 Grúas para movilizar vehículos Grandes	280,000,000
d) 1 Grúa para movilizar vehículos pequeño	150,000,000
e) 1 ambulancia	130,000,000
f) Personal capacitado en atención de emergencias y primeros auxilios.	

3.3.3.1.4 Personal y Equipo de Atención Médica

	SMMMLV
• Un (1) médico general con entrenamiento certificado en soporte vital avanzado de mínimo 48 horas.	3
• Un (1) auxiliar de enfermería o de urgencias médicas o tecnólogo o técnico en atención prehospitalaria con entrenamiento en soporte vital básico de mínimo 20 horas.	1
• Un (1) conductor con mínimo 40 horas de capacitación en primeros auxilios.	1
	5

3.3.3.1.6 Derrumbes

PRENSA Y COMUNICACIONES

3.3.3.2.1 Página Web	300,000
3.3.3.2.2 Boletín Trimestral	250,000
3.3.3.2.3 Emisora de Radio	350,000
3.3.3.2.4 Páneles LED	
Led movil	600,000
3.3.3.2.5 Información Adicional	
3.3.3.3 Sistema de Gestión Integral: Calidad, Medio Ambiente y Seguridad Industrial	
Control de calidad y encuestas semestrales	
SUB TOTAL PRENSA Y COMUNICACIONES	280,000
3.3.3.4 Áreas de Servicio	1,780,000

- Suministro de bienes para operación de vehículos (taller mecánico).
- Servicios sanitarios
- Servicios de venta de alimentos y comidas (servicio de restauración)
- Servicio de telefonía convencional por línea terrestre o radio.
- Servicio de telefonía celular ofrecido por uno o más operadores de telecomunicaciones
- Servicio de restaurante o cafetería.

Contrato con terceros

COMO ES SERVICIO
COMPLEMENTARIO EL COSTO
DEBE SER RECUPERADO CON
EL SERVICIO

3.3.4 Recaudo de Peajes

Recaudo

Obra física Peajes - incluye dotacion y sistemas	500,000,000
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3.3.4.6 Información y Auditoría

Como mínimo, el sistema de Operación de la Estación de Peaje deberá generar los siguientes reportes de tráfico por categoría de vehículos:

- Reporte horario total Día Calendario por carril.
- Reporte horario por turno.
- Reporte horario total Día Calendario por sentido.
- Reporte horario total Día Calendario total estación.
- Reporte diario por carril.
- Reporte diario por sentido.
- Reporte diario total estación.
- Reporte por turno por carril.
- Reporte total por turno.
- Reporte de discrepancias entre lo detectado por los sensores de paso y lo registrado por el recaudador en la consola de Operación, ya sea por clasificación del vehículo o por forma de pago. En este reporte sólo aparecerán los casos con inconsistencias, indicando la hora en la cual se presentó.
- Reporte de reversibilidad, en el cual aparecerán todos los vehículos que transiten en sentido contrario al de flujo normal, tanto lo reportado por los sensores de paso como por lo digitado por los recaudadores en las consolas de Operación, e indicando la hora del contraflujo.

- Reporte de totales en el periodo que determine el ICCU y/o la Interventoria.

VALOR REPORTES MENSUALMENTE

1,200,000

3.3.5 Operación y Seguimiento del Tránsito

Equipo de inspección rutinaria 24 horas

SUPERVISOR

Auxiliar

TOTAL

SMMLV

1.5

1

2.5

3.3.5.2 Operación del Tráfico en Áreas de Peaje

Operación

3.3.8 Sistemas de Pesaje

El Concesionario elaborará un estudio de localización e implantación de las Estaciones de Pesaje como parte de los estudios a presentar a la Interventoria durante la Fase de Preconstrucción, para lo cual tendrá en cuenta lo previsto en el Apéndice 1 en cuanto a reposición e instalación de Estaciones de Pesaje. Dado que el control del pesaje es de especial interés para el Concesionario para cumplir con los Indicadores contractuales, podrá proponer cuantas estaciones fijas o móviles considere necesarias, siempre y cuando minimice el impacto en el tráfico. Durante la Etapa de Operación y Mantenimiento, el Concesionario podrá implantar nuevas básculas de pesaje, siempre que informe a la Interventoria al menos un mes antes de empezar a construirlas.

hoja nomina - B. Rcaudo del Peaje y Pesaje

3.3.9 Policía de Carreteras

Tabla 7 - Equipo mínimo a ser puesto a disposición de la Policía de Carreteras

DESCRIPCIÓN	CANTIDAD ETAPA PREOPERATIVA	CANTIDAD ETAPA OPERATIVA	VALORES APROXIMADOS DE ACUERDO A COTIZACIONES*	VIDA ÚTL (AÑOS)
			VALOR UNITARIO	
VEHÍCULOS				
Patrulla Tipo Panel GPS	1		70,000,000	5
Motocicletas Entre 650 c.c. Enduro y Pístera con Sirena STROVER y GPS	2		30,000,000	4
TIC – TECNOLOGÍAS DE INFORMACIÓN Y COMUNICACIONES				
Radios de Comunicación Institucionales	3		1,000,000	5
Sistemas de Perifoneo	1		300,000	3
Computadores	1		1,500,000	5
Impresoras Multifuncionales	1		350,000	5
Compendersas Electrónicas (CAT) con Servicio de Datos y Voz Según Ficha Técnica	2		600,000	1
SEÑALIZACIÓN VIAL				
Kil Puesto de Control según ficha técnica	1		1,800,000	1
Planta Pare-Siga	10		195,000	1
Bastiones Lumínicos Linternas	5		80,000	1
Carpas 4x4 mts.	2		1,100,000	1
			106,925,000.00	

Además de lo anterior, el Concesionario deberá proveer:

- Viáticos o auxilios para el personal de la Policía de Carreteras por treinta (30) Días al mes para cada unidad de personal en servicio en la(s) vía(s), según tabla de valores establecida en el Decreto No. 1017 del 21 de mayo de 2013 "Por el cual se fijan los sueldos básicos para el personal de Oficiales y Suboficiales de las Fuerzas Militares; Oficiales, Suboficiales, Agentes y Personal del Nivel Ejecutivo de la Policía Nacional", (y/u otro aplicable) según se modifique, adicione o reemplace de tiempo en tiempo, incrementados conforme a la proporción del crecimiento del salario mínimo a la fecha de causación. Esta obligación estará limitada a un cuerpo de efectivos máximo de policiales de cinco (5) personas.

3.3.10.1 Centro de Control Operacional (CCO)

Obra física y dotación

400,000,000

3.3.10.2 Sistemas de Comunicación

WEB SERVICES

Ya se contempló

3.3.11 Sistemas de Guardia y Vigilancia. Explotación del Corredor del Proyecto

4.1 Sistema de Gestión

Software de información

250,000 Incluido en software HOJA C ADMIN

4.2 Preparación de Informes

Ya se contempló

6 MANTENIMIENTO

6.3 Actividades Particulares del Mantenimiento

6.3.1 Pavimento y Barmas

6.3.1.1 Reparación de Baches y Asentamientos

6.3.2.1 Señalización Vertical

6.3.2.2 Demarcación Horizontal

6.3.2.3 Actualización de la Señalización Vertical y Horizontal

6.3.3 Barreras, defensas y elementos de contención

Se tiene como promedio de acuerdo a concesiones actuales del departamento en relación con el capex

MR

MP

Via nueva
Rehabilitación

del 0,5 al 2 %
del 0,5 al 2 %
del 7 al 25 %
del 7 al 25 %

6.3.3.1 Actualización de los Sistemas de Contención Vehicular

6.3.4 Iluminación

El Concesionario se obliga a asegurar la adecuada iluminación de todas y cada una de las Estaciones de Pesaje, Estaciones de Peaje, Centros de Control de Operación, intersecciones a desnivel, paraderos y puentes peatonales y Áreas de Servicio de la(s) vía(s), con el fin de dar seguridad a la Operación en estos sitios.

6.3.5 Drenaje

6.3.5.1 Limpieza de obras de drenaje

6.3.5.2 Reconstrucción de cunetas y zanjas de coronación

6.3.6 Limpieza general de calzada, márgenes, bermas, y áreas de servicio

6.3.6.1 Limpieza de Calzada y Bermas

6.3.6.2 Limpieza de Separador Central, Márgenes, Áreas de Servicio y Terrenos dentro del Derecho de Sector

6.3.6.3 Rocería, Paisajismo y Mantenimiento de Plantaciones

6.3.7 Taludes. Remoción de derrumbes

6.3.8 Estructuras y puentes

ITEM CCO NORMA PARTICULAR

ITEM	V/UNITARIO	CANTIDAD	VALOR PARCIAL	SUBTOTAL
3.3.3.1 Sistema de Atención de Incidentes, Accidentes y Emergencias				
a) 1 vehículo de vigilancia que recorrerá toda la longitud de la(s) vía(s) de forma ininterrumpida 24 horas al Día, 365 Días al año.	70,000,000	1	70,000,000.0	
b) 1 Carrotaller	110,000,000	1	110,000,000.0	
c) 1 Grúas para movilizar vehículos Grandes	280,000,000	1	280,000,000.0	
d) 1 Grúa para movilizar vehículos pequeño	150,000,000	1	150,000,000.0	
e) 1 ambulancia	130,000,000	1	130,000,000.0	
SUB-TOTAL				740,000,000
OBRAS FISICAS Y DOTACION				
Obra física Peajes - incluye dotacion y sistemas	500,000,000	1	500,000,000	
CCO	400,000,000	1	400,000,000	
SUB-TOTAL				900,000,000
Tabla 7 - Equipo mínimo a ser puesto a disposición de la Policía de Carreteras	106,925,000.00	1	106,925,000.00	106,925,000
TOTAL CCO				1,746,925,000

Sistema de Pesaje Dinámico para vehículos de carga					
Servicio	Sistema	Descripción	Cant. /carri	V. Unitario	V. total
Servicio de Pesaje Dinámico Tipo (Balcón)	SPD-F	Dispositivos Pesaje de camión en uno en cada eje (indica sensor y cámara)	2	\$27,500,000	\$195,000,000
Servicio de Medición de Tráfico (SMT)	SMT-E	Sensor de presencia vehicular	2	\$4,000,000	\$8,000,000
Servicio de Monitoreo Dinámico (SMD)	SMD-M	Cámara de lecturas de placas vehiculo	2	\$1,300,000	\$2,600,000
Servicio de Monitoreo Dinámico (SMD)	SMD-S	Cámara de toma de infracciones	2	\$8,100,000	\$16,200,000
Servicio de Información Dinámica (SID)	SID-F	Semáforo de entrada	1	\$100,000	\$100,000
Servicio de Información Dinámica (SID)	SID-F	Semáforo de salida	1	\$100,000	\$100,000
Servicio de control de acceso	BCA	Barra de entrada y salida	2	\$8,000,000	\$16,000,000
Total					\$240,200,000

cio el movil

PESAJE 240,200,000

COBRO ELECTRONNCIO EN CARRILES DE PEAJES	COBRO ELECTRONICO POR CARRIL 93,900,000	
IMPLEMENTACION COBRO ELECTRONICO	COBRO ELECTRONICO POR ESTACION 223,700,000	
CALL CENTER OPERACIÓN	DATA CENTER 296,000,000	
MANTENIMIENTO POSTES DE COMUNICACIÓN S.O.S		POSTES SOS 83,300,000
MANTENIMIENTO SOFTWARE		SOFTWARE Y APLICACIONES 78,300,480
		MO Y MAT. IMPLEMENTACION 91,080,200
OPERACIÓN DE PEAJE		OPERACION 7,266,775
MANTENIMIENTO ESTACION DE PEAJE		MANTENIMIENTO 4,241,480

ANÁLISIS DE COSTOS ANUALES DE NÓMINA

A. Administración de la APP

\$ DIC 2014

Función asignada	Perfil	Cantidad	s.m.l.m.v	Salario mensual*	Factor prestacional	Total mes	Total año
Gerente general	Administrador	1	7	4,312,000	1.644	7,087,387	85,048,642
Gerente del proyecto	Ingeniero	1	5	3,080,000	1.644	5,062,419	60,749,030
Gerente administrativo y financiero	Financiero	1	5	3,080,000	1.644	5,062,419	60,749,030
Jefe de Costos y presupuestos	Ingeniero	1	4	2,464,000	1.644	4,049,935	48,599,224
Contador	NA	1	4	2,464,000	1.644	4,049,935	48,599,224
Auxiliar Contable	NA	1	2	1,232,000	1.644	2,024,968	24,299,612
Tesoreria	NA	1	3	1,848,000	1.644	3,037,451	36,449,418
Aux. administrativa	NA	1	2	1,232,000	1.851	2,280,642	27,367,699
Especialista ambiental	Ingeniero	1	4	2,464,000	1.644	4,049,935	48,599,224
Operación y Seguimiento del Tránsito	NA	1	2.5	1,540,000	1.644	2,531,210	30,374,515
Ingeniero de planeación	Ingeniero	1	4	2,464,000	1.644	4,049,935	48,599,224
Personal y Equipo de Atención Médica	NA	1	2	1,232,000	1.851	2,280,642	27,367,699
Jefe se sistemas de calidad.	Ingeniero	1	4	2,464,000	1.644	4,049,935	48,599,224
Asistente de calidad	Axilar de ingenieria	1	2	1,232,000	1.851	2,280,642	27,367,699
Personal de aseo	NA	2	1	616,000	1.851	2,280,642	27,367,699
Almacén	NA	1	2	1,232,000	1.851	2,280,642	27,367,699
Amigable componedor	NA	1	10	6,160,000	1.644	10,124,838	121,498,060
Auxiliares	Personal de oficina	2	1	616,000	1.851	2,280,642	27,367,699
Jefe de gestión humana	NA	1	4	2,464,000	1.644	4,049,935	48,599,224
Trabajadora social	NA	1	4	2,464,000	1.644	4,049,935	48,599,224
Vigilancia (Turnos Equivalentes DN)**	NA	4	1	616,000	1.644	4,049,935	48,599,224
TOTAL						81,014,024	972,168,288

B. Recaudo del Peaje y Pesaje

Función asignada	Perfil	Cantidad	s.m.l.m.v	Salario mensual*	Factor prestacional	Total mes	Total año
Supervisor	Administrador Cat 3	2	3	\$ 1,848,000	1.644	\$ 6,074,903	\$ 72,898,836
Auxiliares de Recaudo	NA	8	1.5	\$ 924,000	1.644	\$ 12,149,806	\$ 145,797,672
Sistemas de Recaudo y control	NA	GI	1	\$ 11,508,255	1.000	\$ 11,508,255	\$ 138,099,060
Sistema de Pesaje	NA	GI	1	\$ 3,000,000	1.000	\$ 3,000,000	\$ 36,000,000
Vigilancia (Turnos Equivalentes DN)**	NA	8	1.5	\$ 924,000	1.644	\$ 12,149,806	\$ 145,797,672
Personal Policía -Convenio DITRA	NA	5	2	\$ 1,232,000	1.644	\$ 10,124,838	\$ 121,498,060
Transporte de Recaudo	Global	2	50	\$ 30,800,000	1.000	\$ 61,600,000	\$ 739,200,000
TOTAL						116,607,608	1,399,291,298

\$ 12,512,513,900
11.18%

FACTORES	
Valores	
1.000	ABM
0.085	SALUD
0.120	PENSION
0.090	PARAFISCALES
0.005	ARP
0.083	Prima de Vacaciones
0.090	Prima de Servicios
0.085	Prima de Navidad
0.085	Cesantías
1.644	FACTOR 1
0.083	Dotación
0.124	Subs Transporte y Alimentaci
12.42%	
1.851	FACTOR 2
\$ 1,179,000	smimv
\$ 616,000	

DESCRIPCION	COSTO
Gastos Administrativos y de Oficinas	\$ 35,980,000
Prensa y Comunicaciones	\$ 1,780,000
Arriendos	\$ 2,500,000
Servicios Públicos(Acueducto,Energia, Telefonía e Internet)	\$ 3,000,000
Celular	\$ 1,500,000
Teléfono	\$ 1,000,000
Internet	\$ 2,000,000
Viáticos	\$ 3,500,000
Informacion y auditoria	\$ 1,200,000
Operación Sistemas SOS y sistemas de información	\$ 4,500,000
Consumibles (Papelería+Cafetería+ Aseo)	\$ 3,000,000
Seguros	\$ 10,000,000
Administrativos (Software BSC)	\$ 2,000,000
Contratistas y Honorarios	\$ 10,000,000
Revisoría Fiscal y Auditor	\$ 5,000,000
Asesoría jurídica	\$ 5,000,000
Varios	\$ 10,000,000
TOTAL POR MES	\$ 55,980,000

Macroeconómicos
Cifras en Millones de Pesos

Año 2014 2015 1 2 3

Macroeconómicos	2014	2015	1	2	3
IPC Anual			3.00%	3.00%	3.00%
Factor	1.00	1.00	1.030	1.030	1.030
Factor Acumulado	1.00	1.00	1.030	1.061	1.093
DTF			4.81%	5.30%	4.89%
SMMLV		646,000	665,380	685,341	705,902
DTF M.V.			0.39%	0.43%	0.40%
IPC M.V.			0.25%	0.25%	0.25%

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[illegible]

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[illegible]

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26

27

21	22	23	24	25	26	27
3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
1.030	1.030	1.030	1.030	1.030	1.030	1.030
1.860	1.916	1.974	2.033	2.094	2.157	2.221
4.87%	4.87%	4.87%	4.87%	4.87%	4.87%	4.87%
1,201,750	1,237,803	1,274,937	1,313,185	1,352,581	1,393,158	1,434,953
0.40%	0.40%	0.40%	0.40%	0.40%	0.40%	0.40%
0.25%	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%

28

29

30

28	29	30	31
3.00%	3.00%	3.00%	3.00%
1.030	1.030	1.030	1.030
2.288	2.357	2.427	2.500
4.87%	4.87%	4.87%	4.87%
1,478,001	1,522,341	1,568,012	1,615,052
0.40%	0.40%	0.40%	0.40%
0.25%	0.25%	0.25%	0.25%

Crecimiento Tráfico

IPC

Infracción Acumulada (Ene-Jun 2010)

2.47%

IPC de Julio - Dic

Deflactor Dic 2010

Deflactor Junio 2010

Deflactor Dic 2009

1.00

INGRESOS

Tarifas Anuales

Peaje Tebaida

Cat I	251,600	-
Cat II	291,800	-
Cat III	291,800	-
Cat IV	355,600	-
Cat V	796,900	-
Cat VI	993,700	-
Cat VII	1,057,300	-
Total	4,038,700	-

Peaje Mondoñedo

Cat I	251,600	-
Cat II	291,800	-
Cat III	291,800	-
Cat IV	355,600	-
Cat V	1,057,300	-
Cat VI	1,455,000	-
Cat VII	1,668,300	-
Total	5,371,400	-

Peaje Pubenza

Cat I	175,300	-
Cat II	209,100	-
Cat III	245,500	-
Cat IV	322,700	-
Cat V	540,700	-
Cat VI	697,900	-
Cat VII	799,400	-
Total	2,990,600	-

Peaje San Pedro

Cat I	236,100	-
Cat II	254,100	-
Cat III	291,800	-
Cat IV	416,600	-
Cat V	1,346,700	-
Cat VI	1,758,600	-
Cat VII	2,023,800	-
Total	6,327,700	-

Tarifas Totales

Cat I	914,600	-
Cat II	1,046,800	-
Cat III	1,120,900	-
Cat IV	1,450,500	-
Cat V	3,741,600	-
Cat VI	4,905,200	-
Cat VII	5,548,800	-
Total	18,728,400	-

Ingresos Anuales (Corrientes)

Peaje Tebaida

Cat I	683,021,310,112	-
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Cat II	230,966,366,119	-
Cat III	76,132,027,684	-
Cat IV	90,817,292,034	-
Cat V	89,235,951,809	-
Cat VI	53,791,713,121	-
Cat VII	116,702,665,329	-
Total	1,340,667,326,208	-

Peaje Mondoñedo

Cat I	653,675,275,210	-
Cat II	71,822,708,118	-
Cat III	55,528,272,351	-
Cat IV	80,276,750,890	-
Cat V	73,000,069,600	-
Cat VI	91,133,927,603	-
Cat VII	156,696,254,029	-
Total	1,182,133,257,800	-

Peaje Pubenza

Cat I	167,840,850,415	-
Cat II	22,098,613,843	-
Cat III	17,453,260,669	-
Cat IV	18,178,526,064	-
Cat V	15,753,422,377	-
Cat VI	37,241,518,967	-
Cat VII	49,968,243,460	-
Total	328,534,435,796	-

Peaje San Pedro

Cat I	338,634,474,291	-
Cat II	33,103,340,237	-
Cat III	22,049,494,849	-
Cat IV	19,052,883,244	-
Cat V	26,948,669,676	-
Cat VI	84,117,503,248	-
Cat VII	128,406,064,225	-
Total	652,312,429,771	-

Ingresos totales Corrientes

Cat I	1,843,171,910,029	-
Cat II	357,991,028,317	-
Cat III	171,163,055,552	-
Cat IV	208,325,452,232	-
Cat V	204,938,113,462	-
Cat VI	266,284,662,939	-
Cat VII	451,773,227,043	-
Total	3,503,647,449,574	-

Ingresos Anuales (Constantes)**Peaje Tebaida**

Cat I	459,123,708,721	-
Cat II	155,095,911,555	-
Cat III	51,123,314,752	-
Cat IV	60,892,795,450	-
Cat V	59,658,286,191	-
Cat VI	35,936,328,258	-
Cat VII	77,968,532,984	-
Total	899,798,877,910	-

Peaje Mondoñedo

Cat I	439,397,442,233	-
Cat II	48,229,569,409	-
Cat III	37,287,714,926	-
Cat IV	53,825,385,692	-
Cat V	48,771,022,653	-
Cat VI	60,860,258,992	-
Cat VII	104,641,175,151	-
Total	793,012,569,056	-

Peaje Pubenza

Cat I	113,316,578,704	-
Cat II	14,870,985,940	-
Cat III	11,732,007,146	-
Cat IV	12,197,693,383	-
Cat V	10,543,606,968	-
Cat VI	24,914,389,765	-
Cat VII	33,410,493,528	-
Total	220,985,755,436	-

Peaje San Pedro

Cat I	227,709,486,624	-
Cat II	22,260,050,766	-
Cat III	14,806,426,409	-
Cat IV	12,764,741,389	-
Cat V	18,001,996,160	-
Cat VI	56,170,199,270	-
Cat VII	85,732,652,145	-
Total	437,445,552,763	-

Ingresos totales Constantes

Cat I	1,239,547,216,281	-
Cat II	240,456,517,670	-
Cat III	114,949,463,233	-
Cat IV	139,680,615,914	-
Cat V	136,974,911,973	-
Cat VI	177,881,176,285	-
Cat VII	301,752,853,809	-
Total	2,351,242,755,164	-

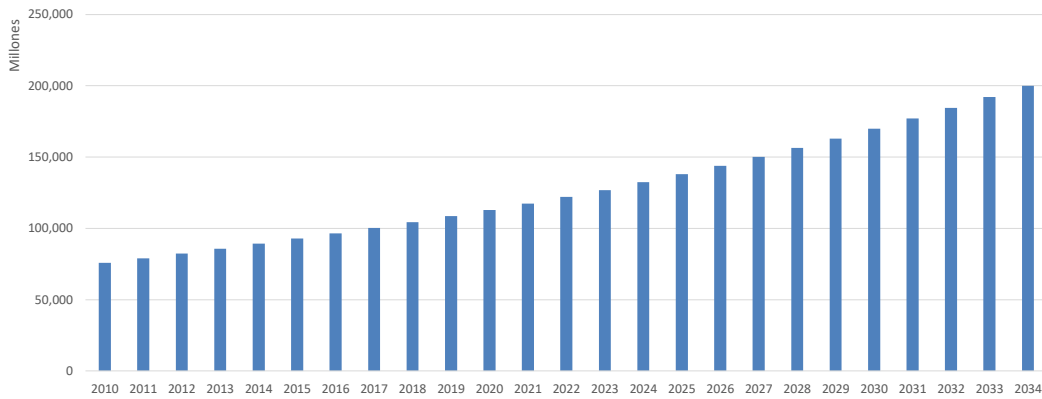
	1.50%		1.50%	1.50%
0.00%				
3.00%	3.00%	3.00%	3.00%	3.00%
0.52%				
1.00	1.03	1.06	1.09	1.13
1.01	1.04	1.07	1.10	1.13
1.03	1.06	1.09	1.13	1.16

TARIFAS

114,400	117,500	120,700	124,000	127,400
7,400	7,600	7,800	8,000	8,200
8,600	8,800	9,000	9,200	9,400
8,600	8,800	9,000	9,200	9,400
10,200	10,500	10,800	11,100	11,400
22,400	23,000	23,600	24,300	25,000
27,700	28,500	29,300	30,100	31,000
29,500	30,300	31,200	32,100	33,000
114,400	117,500	120,700	124,000	127,400
151,000	155,200	159,600	164,000	168,600
7,400	7,600	7,800	8,000	8,200
8,600	8,800	9,000	9,200	9,400
8,600	8,800	9,000	9,200	9,400
10,200	10,500	10,800	11,100	11,400
29,500	30,300	31,200	32,100	33,000
40,400	41,600	42,800	44,000	45,300
46,300	47,600	49,000	50,400	51,900
151,000	155,200	159,600	164,000	168,600
86,000	88,100	90,300	92,600	95,000
5,500	5,600	5,700	5,800	5,900
6,300	6,400	6,500	6,600	6,700
7,200	7,400	7,600	7,800	8,000
9,400	9,600	9,800	10,000	10,300
15,400	15,800	16,200	16,600	17,000
19,700	20,200	20,800	21,400	22,000
22,500	23,100	23,700	24,400	25,100
86,000	88,100	90,300	92,600	95,000
177,400	182,400	187,600	192,800	198,200
6,900	7,100	7,300	7,500	7,700
7,500	7,700	7,900	8,100	8,300
8,600	8,800	9,000	9,200	9,400
12,000	12,300	12,600	12,900	13,200
37,500	38,600	39,700	40,800	42,000
48,800	50,200	51,700	53,200	54,700
56,100	57,700	59,400	61,100	62,900
177,400	182,400	187,600	192,800	198,200
528,800	543,200	558,200	573,400	589,200
27,200	27,900	28,600	29,300	30,000
31,000	31,700	32,400	33,100	33,800
33,000	33,800	34,600	35,400	36,200
41,800	42,900	44,000	45,100	46,300
104,800	107,700	110,700	113,800	117,000
136,600	140,500	144,600	148,700	153,000
154,400	158,700	163,300	168,000	172,900
528,800	543,200	558,200	573,400	589,200

31,816,308,100	33,145,270,179	34,516,196,035	35,930,323,758	37,383,784,474
16,397,105,000	17,092,874,050	17,805,826,823	18,536,322,282	19,284,726,294

5,553,329,600	5,767,713,952	5,987,280,335	6,212,135,975	6,442,390,145
1,830,510,000	1,901,176,200	1,973,550,521	2,047,668,307	2,123,565,578
2,123,609,400	2,218,859,528	2,316,489,347	2,416,548,817	2,519,088,862
2,041,849,600	2,127,990,130	2,216,255,460	2,316,221,728	2,418,688,327
1,220,185,000	1,274,256,375	1,329,675,350	1,386,470,186	1,449,344,997
2,649,719,500	2,762,399,945	2,887,118,199	3,014,956,462	3,145,980,271
31,816,308,100	33,145,270,179	34,516,196,035	35,930,323,758	37,383,784,474
27,886,014,100	29,071,627,564	30,300,195,965	31,559,080,302	32,862,432,744
15,692,602,800	16,358,478,108	17,040,798,840	17,739,908,536	18,456,157,343
1,726,897,200	1,793,563,464	1,861,841,164	1,931,763,643	2,003,364,883
1,335,115,600	1,386,657,272	1,439,444,793	1,493,503,942	1,548,860,990
1,877,136,600	1,961,331,698	2,047,630,292	2,136,076,545	2,226,715,469
1,657,457,500	1,727,941,583	1,805,955,579	1,885,921,208	1,967,879,466
2,058,743,600	2,151,692,816	2,246,967,291	2,344,615,870	2,450,096,940
3,538,060,800	3,691,962,624	3,857,558,006	4,027,290,559	4,209,357,653
27,886,014,100	29,071,627,564	30,300,195,965	31,559,080,302	32,862,432,744
8,067,189,800	8,360,231,012	8,664,724,979	8,981,793,753	9,311,300,930
4,307,385,500	4,451,487,124	4,598,942,635	4,749,820,227	4,904,189,384
543,765,600	560,682,752	577,985,071	595,680,307	613,776,352
417,801,600	435,848,308	454,342,412	473,293,273	492,710,433
431,836,000	447,639,360	463,819,658	480,384,645	502,218,128
365,442,000	380,558,010	396,045,276	411,911,534	428,164,670
856,024,100	890,916,859	931,140,432	972,370,256	1,014,627,468
1,144,935,000	1,193,098,599	1,242,449,496	1,298,333,511	1,355,614,495
8,067,189,800	8,360,231,012	8,664,724,979	8,981,793,753	9,311,300,930
15,259,620,000	15,928,963,502	16,624,280,417	17,336,872,824	18,074,308,986
8,079,368,700	8,438,256,600	8,806,093,278	9,183,066,449	9,569,367,444
797,662,500	831,217,503	865,599,681	900,826,301	936,914,960
530,155,600	550,622,072	571,583,253	593,049,380	615,030,884
447,216,000	465,272,346	483,769,759	502,717,408	522,124,638
610,612,500	637,951,657	665,973,601	694,692,664	725,851,673
1,899,003,200	1,982,785,042	2,072,662,081	2,164,789,305	2,259,213,996
2,895,601,500	3,022,858,283	3,158,598,764	3,297,731,318	3,445,805,391
15,259,620,000	15,928,963,502	16,624,280,417	17,336,872,824	18,074,308,986
83,029,132,000	86,506,092,257	90,105,397,397	93,808,070,637	97,631,827,134
44,476,462,000	46,341,095,882	48,251,661,575	50,209,117,494	52,214,440,466
8,621,654,900	8,953,177,671	9,292,706,252	9,640,406,225	9,996,446,340
4,113,582,800	4,274,303,852	4,438,920,979	4,607,514,902	4,780,167,886
4,879,798,000	5,093,102,931	5,311,709,055	5,535,727,415	5,770,147,096
4,675,361,600	4,874,441,380	5,084,229,915	5,308,747,134	5,540,584,137
6,033,955,900	6,299,651,092	6,580,445,154	6,868,245,616	7,173,283,401
10,228,316,800	10,670,319,450	11,145,724,466	11,638,311,849	12,156,757,810
83,029,132,000	86,506,092,257	90,105,397,397	93,808,070,637	97,631,827,134



31,652,774,820	32,014,471,981	32,367,598,781	32,712,328,666	33,044,285,820
16,312,825,191	16,509,726,256	16,697,432,648	16,876,170,414	17,046,160,965
5,524,785,930	5,570,940,159	5,614,578,370	5,655,764,059	5,694,559,401
1,821,101,325	1,836,314,861	1,850,699,057	1,864,274,843	1,877,062,714
2,112,694,217	2,143,159,968	2,172,290,298	2,200,117,641	2,226,673,771
2,031,354,656	2,055,390,710	2,078,295,866	2,108,776,056	2,137,927,701
1,213,913,347	1,230,783,300	1,246,904,444	1,262,295,010	1,281,105,458
2,636,100,154	2,668,156,728	2,707,398,099	2,744,930,643	2,780,795,811
31,652,774,820	32,014,471,981	32,367,598,781	32,712,328,666	33,044,285,820
27,742,682,217	28,079,807,498	28,414,040,325	28,732,582,935	29,047,771,263
15,611,944,076	15,800,385,280	15,980,026,860	16,151,085,151	16,313,772,053
1,718,021,086	1,732,373,487	1,745,943,491	1,758,750,843	1,770,814,879
1,328,253,213	1,339,349,480	1,349,840,854	1,359,742,599	1,369,069,664
1,867,488,268	1,894,418,067	1,920,167,439	1,944,765,053	1,968,238,995
1,648,938,301	1,668,990,389	1,693,536,725	1,717,014,152	1,739,448,599
2,048,161,823	2,078,284,745	2,107,095,918	2,134,627,159	2,165,690,412
3,519,875,450	3,566,006,050	3,617,429,038	3,666,597,977	3,720,736,660
27,742,682,217	28,079,807,498	28,414,040,325	28,732,582,935	29,047,771,263
8,025,725,089	8,075,009,799	8,125,354,874	8,177,365,482	8,230,447,870
4,285,245,883	4,299,618,287	4,312,663,246	4,324,416,373	4,334,912,530
540,970,688	541,554,260	542,006,103	542,329,930	542,529,375
415,654,133	420,978,721	426,060,070	430,904,136	435,516,751
429,616,397	432,367,504	434,947,367	437,360,390	443,920,796
363,563,657	367,574,730	371,391,870	375,019,874	378,463,442
851,624,205	860,521,959	873,177,910	885,282,738	896,849,811
1,139,050,126	1,152,394,337	1,165,108,309	1,182,052,041	1,198,255,165
8,025,725,089	8,075,009,799	8,125,354,874	8,177,365,482	8,230,447,870
15,181,186,773	15,385,524,177	15,589,436,276	15,784,146,163	15,976,248,540
8,037,841,391	8,150,373,432	8,257,923,143	8,360,611,774	8,458,558,100
793,562,579	802,859,331	811,717,002	820,146,410	828,158,148
527,430,643	531,836,814	536,002,791	539,934,635	543,638,281
444,917,346	449,398,916	453,655,595	457,692,983	461,516,564
607,474,001	616,187,026	624,517,438	632,474,533	641,595,025
1,889,242,475	1,915,139,500	1,943,641,025	1,970,906,238	1,996,965,103
2,880,718,340	2,919,729,158	2,961,979,281	3,002,379,590	3,045,817,320
15,181,186,773	15,385,524,177	15,589,436,276	15,784,146,163	15,976,248,540
82,602,368,900	83,554,813,455	84,496,430,256	85,406,423,246	86,298,753,493
44,247,856,541	44,760,103,256	45,248,045,898	45,712,283,712	46,153,403,647
8,577,340,283	8,647,727,236	8,714,244,966	8,776,991,241	8,836,061,803
4,092,439,313	4,128,479,876	4,162,602,772	4,194,856,212	4,225,287,410
4,854,716,228	4,919,344,455	4,981,060,699	5,039,936,067	5,100,350,126
4,651,330,615	4,708,142,855	4,767,741,898	4,833,284,616	4,897,434,767
6,002,941,849	6,084,729,504	6,170,819,297	6,253,111,146	6,340,610,784
10,175,744,069	10,306,286,273	10,451,914,726	10,595,960,251	10,745,604,956
82,602,368,900	83,554,813,455	84,496,430,256	85,406,423,246	86,298,753,493

1.50%	1.50%	1.50%	1.50%	1.50%
3.00%	3.00%	3.00%	3.00%	3.00%
1.16	1.19	1.23	1.27	1.30
1.17	1.20	1.24	1.27	1.31
1.19	1.23	1.27	1.30	1.34

6,678,154,210	6,919,541,659	7,166,668,147	7,492,393,214	7,826,277,533
2,201,279,042	2,280,846,108	2,362,304,897	2,469,671,655	2,579,727,896
2,624,161,384	2,731,819,287	2,842,116,490	2,955,107,951	3,070,849,679
2,523,707,775	2,631,333,600	2,741,620,366	2,864,892,116	2,991,245,154
1,513,794,096	1,579,850,565	1,647,548,126	1,721,883,346	1,798,077,924
3,280,256,429	3,427,674,443	3,578,776,939	3,733,641,284	3,902,616,377
38,872,764,689	40,407,824,376	41,980,189,482	43,702,583,487	45,477,473,812
34,197,784,965	35,580,302,873	37,002,257,475	38,498,973,691	40,053,253,951
19,189,902,135	19,941,506,635	20,711,341,542	21,499,784,658	22,307,221,015
2,076,679,512	2,151,742,824	2,228,590,782	2,329,880,233	2,433,706,935
1,605,542,712	1,663,576,391	1,722,989,833	1,801,299,721	1,881,571,233
2,319,592,943	2,414,755,730	2,512,251,493	2,612,128,808	2,714,437,187
2,051,872,140	2,144,085,331	2,238,603,248	2,335,474,283	2,441,171,899
2,558,214,905	2,669,025,136	2,788,239,735	2,910,430,241	3,041,485,709
4,395,980,619	4,595,610,825	4,800,240,842	5,009,975,746	5,233,659,973
34,197,784,965	35,580,302,873	37,002,257,475	38,498,973,691	40,053,253,951
9,660,527,068	10,018,134,948	10,384,297,445	10,769,817,955	11,164,567,614
5,062,120,907	5,223,686,932	5,388,960,961	5,558,017,882	5,730,933,994
641,579,505	670,078,652	699,288,419	729,223,711	759,899,722
512,603,617	532,982,736	553,857,893	575,239,384	597,137,701
524,598,528	547,537,341	571,046,283	595,137,298	619,822,559
447,369,115	467,053,356	487,227,466	507,901,713	529,086,560
1,057,933,613	1,102,310,651	1,147,780,966	1,199,262,318	1,252,029,860
1,414,321,785	1,474,485,279	1,536,135,456	1,605,035,649	1,675,657,218
9,660,527,068	10,018,134,948	10,384,297,445	10,769,817,955	11,164,567,614
18,834,159,579	19,622,457,823	20,436,293,339	21,282,887,635	22,162,494,371
9,965,191,280	10,370,736,722	10,786,206,360	11,211,806,671	11,647,748,095
973,883,592	1,011,750,478	1,050,534,246	1,090,253,883	1,130,928,740
637,538,397	660,582,754	684,174,995	715,270,749	747,145,435
542,000,973	566,431,165	591,472,313	617,137,248	643,439,050
757,789,147	790,521,428	825,872,336	862,105,903	901,102,438
2,360,176,494	2,463,659,543	2,574,034,894	2,687,167,183	2,807,563,670
3,597,579,697	3,758,775,733	3,923,998,195	4,099,145,997	4,284,566,942
18,834,159,579	19,622,457,823	20,436,293,339	21,282,887,635	22,162,494,371
101,565,236,302	105,628,720,020	109,803,037,741	114,254,262,767	118,857,789,747
54,268,626,075	56,372,689,004	58,527,663,380	60,734,603,132	62,994,582,352
10,370,296,819	10,753,113,613	11,145,081,594	11,641,751,041	12,150,812,929
4,956,963,768	5,137,987,988	5,323,327,619	5,561,481,509	5,805,582,266
6,010,353,828	6,260,543,523	6,516,886,580	6,779,511,306	7,048,548,474
5,780,738,176	6,032,993,715	6,293,323,416	6,570,374,014	6,862,606,051
7,490,119,107	7,814,845,896	8,157,603,721	8,518,743,088	8,899,157,164
12,688,138,529	13,256,546,280	13,839,151,432	14,447,798,677	15,096,500,510
101,565,236,302	105,628,720,020	109,803,037,741	114,254,262,767	118,857,789,747

33,359,636,556	33,666,977,156	33,958,291,040	34,321,899,720	34,675,546,519
17,207,621,169	17,360,763,428	17,505,795,771	17,642,921,930	17,772,341,422
5,731,025,284	5,765,221,329	5,797,205,914	5,884,164,002	5,967,359,836
1,889,082,739	1,900,354,572	1,910,897,455	1,939,560,916	1,966,984,249
2,251,989,811	2,276,096,250	2,299,022,947	2,320,799,153	2,341,453,515
2,165,783,031	2,192,373,620	2,217,730,398	2,249,947,991	2,280,756,862
1,299,100,315	1,316,299,348	1,332,721,920	1,352,284,071	1,370,993,802
2,815,034,206	2,855,868,608	2,894,916,635	2,932,221,656	2,975,656,834
33,359,636,556	33,666,977,156	33,958,291,040	34,321,899,720	34,675,546,519
29,347,685,624	29,644,784,457	29,931,580,681	30,235,235,744	30,539,701,399
16,468,295,113	16,614,857,610	16,753,658,633	16,884,893,161	17,008,752,140
1,782,154,532	1,792,788,343	1,802,734,464	1,829,775,481	1,855,646,564
1,377,836,688	1,386,058,003	1,393,747,645	1,414,653,860	1,434,655,564
1,990,616,776	2,011,925,345	2,032,191,098	2,051,439,889	2,069,697,040
1,760,865,464	1,786,408,276	1,810,833,671	1,834,168,777	1,861,338,431
2,195,396,189	2,223,777,441	2,255,441,378	2,285,711,436	2,319,064,151
3,772,520,862	3,828,969,440	3,882,973,793	3,934,593,140	3,990,547,509
29,347,685,624	29,644,784,457	29,931,580,681	30,235,235,744	30,539,701,399
8,290,423,244	8,346,906,215	8,399,985,784	8,458,095,205	8,512,730,616
4,344,185,833	4,352,269,674	4,359,196,730	4,364,998,981	4,369,707,718
550,587,520	558,295,900	565,662,994	572,697,106	579,406,373
439,903,631	444,070,372	448,022,455	451,765,248	455,304,009
450,197,365	456,196,972	461,926,354	467,392,109	472,600,700
383,921,010	389,139,354	394,124,283	398,881,491	403,416,551
907,892,225	918,422,808	928,454,125	941,842,741	954,644,487
1,213,735,660	1,228,511,136	1,242,598,843	1,260,517,530	1,277,650,778
8,290,423,244	8,346,906,215	8,399,985,784	8,458,095,205	8,512,730,616
16,163,005,730	16,349,032,631	16,531,168,762	16,714,552,708	16,898,401,343
8,551,878,467	8,640,686,840	8,725,094,844	8,805,211,810	8,881,144,819
835,762,595	842,969,913	849,790,058	856,232,778	862,307,618
547,119,542	550,384,111	553,437,559	561,739,123	569,681,518
465,131,709	471,938,923	478,449,221	484,669,808	490,607,741
650,315,735	658,646,370	668,058,279	677,056,366	687,070,255
2,025,444,567	2,052,671,007	2,082,168,451	2,110,371,407	2,140,703,880
3,087,353,115	3,131,735,467	3,174,170,350	3,219,271,417	3,266,885,512
16,163,005,730	16,349,032,631	16,531,168,762	16,714,552,708	16,898,401,343
87,160,751,153	88,007,700,458	88,821,026,267	89,729,783,377	90,626,379,877
46,571,980,581	46,968,577,551	47,343,745,978	47,698,025,882	48,031,946,098
8,899,529,931	8,959,275,486	9,015,393,429	9,142,869,367	9,264,720,391
4,253,942,600	4,280,867,057	4,306,105,113	4,367,719,146	4,426,625,339
5,157,935,662	5,216,157,490	5,271,589,621	5,324,300,959	5,374,358,996
4,960,885,239	5,026,567,620	5,090,746,631	5,160,054,625	5,232,582,099
6,427,833,296	6,511,170,604	6,598,785,874	6,690,209,655	6,785,406,320
10,888,643,843	11,045,084,650	11,194,659,621	11,346,603,743	11,510,740,633
87,160,751,153	88,007,700,458	88,821,026,267	89,729,783,377	90,626,379,877

1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
1.34	1.38	1.43	1.47	1.51	1.56	1.60	1.65
1.35	1.39	1.43	1.48	1.52	1.57	1.61	1.66
1.38	1.43	1.47	1.51	1.56	1.60	1.65	1.70

149,700	153,800	158,200	162,600	167,200	171,900	176,700	181,600
9,400	9,600	9,800	10,000	10,300	10,600	10,900	11,200
10,900	11,200	11,500	11,800	12,100	12,400	12,700	13,000
10,900	11,200	11,500	11,800	12,100	12,400	12,700	13,000
13,200	13,500	13,900	14,300	14,700	15,100	15,500	15,900
29,500	30,300	31,200	32,100	33,000	33,900	34,900	35,900
36,700	37,800	38,900	40,000	41,200	42,400	43,600	44,900
39,100	40,200	41,400	42,600	43,800	45,100	46,400	47,700
149,700	153,800	158,200	162,600	167,200	171,900	176,700	181,600
198,800	204,400	210,300	216,300	222,500	228,900	235,400	242,000
9,400	9,600	9,800	10,000	10,300	10,600	10,900	11,200
10,900	11,200	11,500	11,800	12,100	12,400	12,700	13,000
10,900	11,200	11,500	11,800	12,100	12,400	12,700	13,000
13,200	13,500	13,900	14,300	14,700	15,100	15,500	15,900
39,100	40,200	41,400	42,600	43,800	45,100	46,400	47,700
53,700	55,300	56,900	58,600	60,300	62,100	63,900	65,800
61,600	63,400	65,300	67,200	69,200	71,200	73,300	75,400
198,800	204,400	210,300	216,300	222,500	228,900	235,400	242,000
111,200	114,100	117,100	120,300	123,500	126,800	130,300	134,000
6,500	6,600	6,700	6,900	7,100	7,300	7,500	7,700
7,900	8,100	8,300	8,500	8,700	8,900	9,100	9,300
9,200	9,400	9,600	9,800	10,000	10,300	10,600	10,900
12,100	12,400	12,700	13,000	13,300	13,600	14,000	14,400
20,000	20,600	21,200	21,800	22,400	23,000	23,600	24,300
25,900	26,600	27,300	28,100	28,900	29,700	30,500	31,400
29,600	30,400	31,300	32,200	33,100	34,000	35,000	36,000
111,200	114,100	117,100	120,300	123,500	126,800	130,300	134,000
234,200	240,800	247,700	254,600	262,000	269,500	277,200	285,200
8,900	9,100	9,300	9,500	9,700	9,900	10,100	10,400
9,500	9,700	9,900	10,100	10,400	10,700	11,000	11,300
10,900	11,200	11,500	11,800	12,100	12,400	12,700	13,000
15,500	15,900	16,300	16,700	17,200	17,700	18,200	18,700
49,800	51,200	52,700	54,200	55,800	57,400	59,100	60,800
64,900	66,800	68,800	70,800	72,900	75,000	77,200	79,500
74,700	76,900	79,200	81,500	83,900	86,400	88,900	91,500
234,200	240,800	247,700	254,600	262,000	269,500	277,200	285,200
693,900	713,100	733,300	753,800	775,200	797,100	819,600	842,800
34,200	34,900	35,600	36,400	37,400	38,400	39,400	40,500
39,200	40,200	41,200	42,200	43,300	44,400	45,500	46,600
41,900	43,000	44,100	45,200	46,300	47,500	48,700	49,900
54,000	55,300	56,800	58,300	59,900	61,500	63,200	64,900
138,400	142,300	146,500	150,700	155,000	159,400	164,000	168,700
181,200	186,500	191,900	197,500	203,300	209,200	215,200	221,600
205,000	210,900	217,200	223,500	230,000	236,700	243,600	250,600
693,900	713,100	733,300	753,800	775,200	797,100	819,600	842,800

47,295,777,766	49,163,587,272	51,123,319,625	53,130,782,141	55,465,327,184	57,869,183,862	60,344,243,852	62,886,208,806
24,172,620,512	25,057,235,560	25,962,950,221	26,890,198,443	28,112,357,962	29,365,131,972	30,649,163,922	31,965,109,676

8,168,492,593	8,519,213,192	8,878,617,499	9,246,887,112	9,624,207,124	10,010,766,187	10,406,756,575	10,812,374,253
2,692,530,149	2,808,136,031	2,926,604,270	3,047,994,725	3,172,368,408	3,299,787,503	3,430,315,387	3,564,016,657
3,189,398,760	3,310,813,371	3,460,045,219	3,613,009,088	3,769,783,364	3,930,447,940	4,095,084,253	4,263,775,304
3,120,744,182	3,253,455,150	3,400,343,819	3,550,907,119	3,705,222,242	3,863,367,864	4,036,991,491	4,214,954,568
1,876,170,917	1,961,390,996	2,048,745,540	2,138,279,406	2,235,464,205	2,335,083,436	2,437,188,263	2,547,504,571
4,075,820,654	4,253,342,971	4,446,013,059	4,643,506,248	4,845,923,879	5,064,598,960	5,288,743,961	5,518,473,776
47,295,777,766	49,163,587,272	51,123,319,625	53,130,782,141	55,465,327,184	57,869,183,862	60,344,243,852	62,886,208,806
41,645,500,350	43,291,506,283	45,015,379,493	46,787,412,453	48,873,099,355	51,024,225,184	53,238,585,419	55,514,459,634
23,134,043,011	23,980,650,543	24,847,451,140	25,734,860,110	26,904,509,502	28,103,458,032	29,332,321,503	30,591,727,601
2,540,124,214	2,649,186,428	2,760,948,981	2,875,468,343	2,992,802,072	3,113,008,833	3,236,148,416	3,362,281,760
1,963,845,598	2,048,164,840	2,134,571,794	2,223,110,120	2,313,824,317	2,406,759,740	2,501,962,615	2,599,480,056
2,819,227,087	2,926,549,937	3,058,461,465	3,193,671,866	3,332,250,425	3,474,267,765	3,619,795,868	3,768,908,104
2,549,514,963	2,660,559,054	2,781,078,408	2,904,614,717	3,031,231,373	3,168,017,419	3,308,225,019	3,451,926,043
3,175,817,995	3,319,498,625	3,466,775,114	3,623,907,153	3,784,973,129	3,956,426,762	4,132,172,386	4,318,863,805
5,462,927,481	5,706,896,856	5,966,092,590	6,231,780,143	6,513,508,537	6,802,286,633	7,107,959,611	7,421,272,265
41,645,500,350	43,291,506,283	45,015,379,493	46,787,412,453	48,873,099,355	51,024,225,184	53,238,585,419	55,514,459,634
11,568,736,553	11,985,313,805	12,417,869,432	12,961,018,977	13,517,668,987	14,095,357,114	14,699,621,490	15,327,495,648
5,907,787,035	6,088,656,207	6,273,622,203	6,557,807,925	6,849,107,654	7,147,670,868	7,453,649,929	7,767,200,136
791,331,938	823,536,142	856,528,424	890,325,178	924,943,115	960,399,268	996,710,993	1,033,895,980
619,563,540	642,527,797	666,041,580	690,116,208	714,763,215	747,249,204	780,548,950	814,679,557
645,114,471	671,025,680	697,569,075	724,757,791	752,605,215	781,124,992	816,160,745	852,071,818
550,792,676	575,826,203	601,486,807	627,787,669	654,742,222	682,364,160	710,667,438	742,722,756
1,306,110,594	1,361,532,044	1,418,322,262	1,481,783,091	1,546,828,623	1,613,492,120	1,681,807,485	1,757,406,110
1,748,036,300	1,822,209,733	1,904,299,082	1,988,441,115	2,074,678,942	2,163,056,504	2,260,075,950	2,359,519,292
11,568,736,553	11,985,313,805	12,417,869,432	12,961,018,977	13,517,668,987	14,095,357,114	14,699,621,490	15,327,495,648
23,063,700,659	23,997,620,428	24,967,139,095	25,960,343,858	27,008,574,631	28,088,864,323	29,202,490,196	30,505,682,433
12,094,245,106	12,551,516,283	13,019,784,390	13,499,276,450	13,990,223,820	14,492,862,274	15,007,432,081	15,684,995,351
1,172,578,535	1,215,223,365	1,258,883,709	1,303,580,439	1,362,435,160	1,422,762,217	1,484,592,537	1,547,957,646
779,815,427	813,297,410	847,608,395	882,765,717	918,787,047	955,690,394	993,494,115	1,032,216,917
670,391,050	698,006,836	726,300,258	755,285,430	789,567,248	824,707,581	860,724,472	897,636,310
941,074,895	982,043,778	1,025,976,811	1,071,006,875	1,119,162,664	1,168,522,150	1,221,176,898	1,275,148,371
2,930,967,440	3,062,025,491	3,201,008,444	3,343,471,930	3,494,282,349	3,648,864,798	3,812,236,638	3,984,700,841
4,474,628,207	4,675,507,266	4,887,577,088	5,104,957,016	5,334,116,344	5,575,454,910	5,822,833,456	6,083,026,998
23,063,700,659	23,997,620,428	24,967,139,095	25,960,343,858	27,008,574,631	28,088,864,323	29,202,490,196	30,505,682,433
123,573,715,328	128,438,027,789	133,523,707,646	138,839,557,428	144,864,670,157	151,077,630,483	157,484,940,958	164,233,846,521
65,308,695,664	67,678,058,593	70,103,807,954	72,682,142,928	75,856,198,937	79,109,123,145	82,442,567,435	86,009,032,763
12,672,527,280	13,207,159,128	13,754,978,613	14,316,261,071	14,904,387,471	15,506,936,505	16,124,208,522	16,756,509,639
6,055,754,714	6,312,126,078	6,574,826,039	6,843,986,770	7,119,742,987	7,409,486,841	7,706,321,067	8,010,393,186
7,324,131,367	7,606,395,824	7,942,376,016	8,286,724,175	8,644,206,252	9,010,548,278	9,391,765,338	9,782,391,536
7,162,126,715	7,471,884,186	7,808,885,845	8,154,316,381	8,510,358,501	8,882,271,592	9,277,060,846	9,684,751,738
9,289,066,945	9,704,447,155	10,134,851,360	10,587,441,581	11,061,548,306	11,553,867,116	12,063,404,772	12,608,475,327
15,761,412,643	16,457,956,825	17,203,981,819	17,968,684,522	18,768,227,703	19,605,397,006	20,479,612,978	21,382,292,331
123,573,715,328	128,438,027,789	133,523,707,646	138,839,557,428	144,864,670,157	151,077,630,483	157,484,940,958	164,233,846,521

35,011,613,798	35,334,267,857	35,672,566,360	35,993,517,673	36,480,639,086	36,953,109,719	37,411,253,424	37,851,631,027
17,894,249,631	18,008,837,885	18,116,293,532	18,216,800,015	18,490,052,015	18,751,481,726	19,001,375,533	19,240,013,990
6,046,884,553	6,122,827,433	6,195,275,938	6,264,315,737	6,330,030,749	6,392,503,170	6,451,813,507	6,508,040,610
1,993,197,494	2,018,230,080	2,042,110,837	2,064,868,003	2,086,529,239	2,107,121,641	2,126,671,744	2,145,205,539
2,361,014,088	2,379,508,351	2,414,332,512	2,447,637,720	2,479,460,833	2,509,837,953	2,538,804,449	2,566,394,964
2,310,191,210	2,338,284,534	2,372,674,377	2,405,566,660	2,436,997,710	2,467,003,110	2,502,789,033	2,537,009,436
1,388,871,791	1,409,667,575	1,429,563,099	1,448,580,173	1,470,308,876	1,491,097,483	1,510,968,767	1,533,360,094
3,017,205,032	3,056,911,998	3,102,316,067	3,145,749,365	3,187,259,664	3,234,064,636	3,278,830,390	3,321,606,393
35,011,613,798	35,334,267,857	35,672,566,360	35,993,517,673	36,480,639,086	36,953,109,719	37,411,253,424	37,851,631,027
30,828,886,711	31,113,955,751	31,410,599,389	31,696,193,603	32,144,800,889	32,582,173,545	33,006,001,632	33,414,525,739
17,125,422,559	17,235,087,524	17,337,926,336	17,434,114,554	17,695,626,272	17,945,823,646	18,184,980,757	18,413,366,104
1,880,376,055	1,903,991,715	1,926,520,743	1,947,989,780	1,968,424,920	1,987,851,725	2,006,295,229	2,023,779,951
1,453,774,668	1,472,032,638	1,489,450,500	1,506,048,851	1,521,847,866	1,536,867,307	1,551,126,528	1,564,644,487
2,086,987,352	2,103,335,112	2,134,117,471	2,163,557,172	2,191,686,794	2,218,538,250	2,244,142,803	2,268,531,076
1,887,327,737	1,912,165,313	1,940,566,552	1,967,735,029	1,993,700,629	2,022,978,163	2,050,980,121	2,077,737,447
2,350,960,664	2,385,750,513	2,419,028,463	2,455,020,628	2,489,451,441	2,526,427,063	2,561,797,753	2,599,553,103
4,044,037,676	4,101,592,934	4,162,989,324	4,221,727,588	4,284,062,967	4,343,687,391	4,406,678,440	4,466,913,571
30,828,886,711	31,113,955,751	31,410,599,389	31,696,193,603	32,144,800,889	32,582,173,545	33,006,001,632	33,414,525,739
8,563,980,876	8,613,941,981	8,664,876,902	8,780,459,214	8,890,837,368	9,000,771,105	9,113,234,829	9,225,722,473
4,373,353,560	4,375,966,467	4,377,575,752	4,442,595,534	4,504,793,121	4,564,236,925	4,620,993,961	4,675,129,877
585,798,765	591,882,087	597,663,987	603,151,953	608,353,321	613,275,273	617,924,846	622,308,928
458,643,887	461,789,925	464,747,059	467,520,125	470,113,857	477,165,565	483,912,180	490,361,092
477,558,458	482,271,584	486,746,152	490,988,111	495,003,286	498,797,384	505,990,207	512,867,744
407,734,926	413,850,950	419,702,363	425,295,575	430,636,867	435,732,388	440,588,164	447,049,810
966,873,617	978,544,093	989,669,595	1,003,835,888	1,017,379,678	1,030,316,091	1,042,659,946	1,057,794,529
1,294,017,664	1,309,636,875	1,328,771,995	1,347,072,028	1,364,557,239	1,381,247,479	1,401,165,525	1,420,210,494
8,563,980,876	8,613,941,981	8,664,876,902	8,780,459,214	8,890,837,368	9,000,771,105	9,113,234,829	9,225,722,473
17,073,350,273	17,247,283,919	17,421,441,580	17,586,868,813	17,764,071,959	17,936,504,646	18,104,490,032	18,361,574,940
8,952,998,741	9,020,876,282	9,084,878,018	9,145,102,442	9,201,645,998	9,254,603,124	9,304,066,286	9,440,903,943
868,023,928	873,390,862	878,417,383	883,112,269	896,100,462	908,523,065	920,393,796	931,726,093
577,273,445	584,523,427	591,439,815	598,030,786	604,304,353	610,268,361	615,930,497	621,298,288
496,269,934	501,663,159	506,794,049	511,669,100	519,313,944	526,627,606	533,618,110	540,293,318
696,648,884	705,802,807	715,900,809	725,555,005	736,095,346	746,174,809	757,085,606	767,520,360
2,169,705,308	2,200,702,489	2,233,583,167	2,265,039,421	2,298,258,384	2,330,029,426	2,363,449,136	2,398,418,172
3,312,430,032	3,360,324,892	3,410,428,339	3,458,359,790	3,508,353,472	3,560,278,256	3,609,946,602	3,661,414,765
17,073,350,273	17,247,283,919	17,421,441,580	17,586,868,813	17,764,071,959	17,936,504,646	18,104,490,032	18,361,574,940
91,477,831,657	92,309,449,507	93,169,484,231	94,057,039,303	95,280,349,302	96,472,559,015	97,634,979,916	98,853,454,179
48,346,024,491	48,640,768,159	48,916,673,637	49,238,612,544	49,892,117,406	50,516,145,421	51,111,416,538	51,769,413,914
9,381,083,300	9,492,092,098	9,597,878,051	9,698,569,739	9,802,909,452	9,902,153,233	9,996,427,377	10,085,855,583
4,482,889,495	4,536,576,071	4,587,748,211	4,636,467,766	4,682,795,315	4,731,422,873	4,777,640,948	4,821,509,406
5,421,829,832	5,466,778,207	5,541,990,183	5,613,852,103	5,685,464,856	5,753,801,193	5,822,555,570	5,888,087,102
5,301,902,757	5,370,103,604	5,448,844,100	5,524,152,270	5,597,430,552	5,671,888,470	5,751,442,924	5,829,317,053
6,876,411,379	6,974,664,670	7,071,844,323	7,172,476,111	7,275,398,379	7,377,870,063	7,478,875,602	7,589,125,898
11,667,690,403	11,828,466,699	12,004,505,725	12,172,908,771	12,344,233,341	12,519,277,763	12,696,620,957	12,870,145,223
91,477,831,657	92,309,449,507	93,169,484,231	94,057,039,303	95,280,349,302	96,472,559,015	97,634,979,916	98,853,454,179

1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
1.70	1.75	1.81	1.86	1.92	1.97	2.03
1.71	1.76	1.82	1.87	1.93	1.98	2.04
1.75	1.81	1.86	1.92	1.97	2.03	2.09

186,600	191,700	197,300	202,900	208,800	214,700	220,700
11,500	11,800	12,100	12,400	12,700	13,000	13,300
13,300	13,600	14,000	14,400	14,800	15,200	15,600
13,300	13,600	14,000	14,400	14,800	15,200	15,600
16,300	16,700	17,200	17,700	18,200	18,700	19,200
36,900	38,000	39,100	40,200	41,400	42,600	43,800
46,200	47,500	48,900	50,300	51,800	53,300	54,800
49,100	50,500	52,000	53,500	55,100	56,700	58,400
186,600	191,700	197,300	202,900	208,800	214,700	220,700
248,800	255,800	263,200	270,800	278,700	286,700	294,900
11,500	11,800	12,100	12,400	12,700	13,000	13,300
13,300	13,600	14,000	14,400	14,800	15,200	15,600
13,300	13,600	14,000	14,400	14,800	15,200	15,600
16,300	16,700	17,200	17,700	18,200	18,700	19,200
49,100	50,500	52,000	53,500	55,100	56,700	58,400
67,700	69,700	71,700	73,800	76,000	78,200	80,500
77,600	79,900	82,200	84,600	87,100	89,700	92,300
248,800	255,800	263,200	270,800	278,700	286,700	294,900
137,700	141,500	145,300	149,200	153,400	157,600	162,000
7,900	8,100	8,300	8,500	8,700	8,900	9,100
9,500	9,700	9,900	10,100	10,400	10,700	11,000
11,200	11,500	11,800	12,100	12,400	12,700	13,000
14,800	15,200	15,600	16,000	16,400	16,800	17,300
25,000	25,700	26,400	27,100	27,900	28,700	29,500
32,300	33,200	34,100	35,100	36,100	37,100	38,200
37,000	38,100	39,200	40,300	41,500	42,700	43,900
137,700	141,500	145,300	149,200	153,400	157,600	162,000
293,400	301,800	310,600	319,600	328,800	338,300	348,000
10,700	11,000	11,300	11,600	11,900	12,200	12,500
11,600	11,900	12,200	12,500	12,800	13,100	13,400
13,300	13,600	14,000	14,400	14,800	15,200	15,600
19,200	19,700	20,200	20,800	21,400	22,000	22,600
62,600	64,400	66,300	68,200	70,200	72,300	74,400
81,800	84,200	86,700	89,300	91,900	94,600	97,400
94,200	97,000	99,900	102,800	105,800	108,900	112,100
293,400	301,800	310,600	319,600	328,800	338,300	348,000
866,500	890,800	916,400	942,500	969,700	997,300	1,025,600
41,600	42,700	43,800	44,900	46,000	47,100	48,200
47,700	48,800	50,100	51,400	52,800	54,200	55,600
51,100	52,300	53,800	55,300	56,800	58,300	59,800
66,600	68,300	70,200	72,200	74,200	76,200	78,300
173,600	178,600	183,800	189,000	194,600	200,300	206,100
228,000	234,600	241,400	248,500	255,800	263,200	270,900
257,900	265,500	273,300	281,200	289,500	298,000	306,700
866,500	890,800	916,400	942,500	969,700	997,300	1,025,600

65,502,597,917	68,195,424,991	71,116,009,479	74,108,867,530	77,206,733,873	80,380,861,711	83,645,681,806
33,313,637,741	34,695,429,497	36,111,179,438	37,561,595,406	39,047,398,837	40,569,325,012	42,128,123,308

11,227,818,941	11,653,294,185	12,175,978,703	12,711,721,766	13,260,797,526	13,823,485,421	14,400,070,273
3,700,957,143	3,841,203,940	4,013,493,234	4,190,086,936	4,371,075,414	4,556,550,776	4,746,606,907
4,436,605,693	4,613,661,644	4,823,072,155	5,037,726,907	5,257,736,110	5,483,212,101	5,714,269,381
4,397,348,215	4,596,360,993	4,800,354,752	5,009,434,141	5,236,354,031	5,468,954,395	5,707,354,590
2,660,582,001	2,776,478,566	2,901,186,293	3,029,010,543	3,166,128,973	3,306,679,428	3,450,734,018
5,765,648,184	6,018,996,166	6,290,744,904	6,569,291,830	6,867,242,982	7,172,654,578	7,498,523,329
65,502,597,917	68,195,424,991	71,116,009,479	74,108,867,530	77,206,733,873	80,380,861,711	83,645,681,806
57,863,966,862	60,288,370,588	62,852,795,417	65,498,001,008	68,233,891,006	71,047,882,909	73,946,258,209
31,882,316,109	33,204,739,134	34,559,661,328	35,947,760,122	37,369,725,956	38,826,262,519	40,318,086,990
3,491,470,971	3,623,779,345	3,786,316,506	3,952,914,433	4,123,658,375	4,298,635,231	4,477,933,569
2,699,360,078	2,801,651,618	2,927,313,933	3,056,115,746	3,188,122,968	3,323,402,780	3,462,023,659
3,921,679,254	4,078,185,533	4,263,291,200	4,453,032,445	4,647,506,686	4,846,813,223	5,051,053,267
3,606,539,041	3,765,013,745	3,934,998,524	4,109,235,719	4,295,610,681	4,486,652,313	4,690,490,345
4,510,226,228	4,713,119,787	4,921,085,353	5,141,195,823	5,373,873,249	5,612,374,229	5,864,105,720
7,752,375,181	8,101,881,426	8,460,128,573	8,837,746,721	9,235,393,091	9,653,742,614	10,082,564,659
57,863,966,862	60,288,370,588	62,852,795,417	65,498,001,008	68,233,891,006	71,047,882,909	73,946,258,209
15,970,898,616	16,636,907,308	17,319,302,809	18,024,367,147	18,769,016,357	19,531,949,561	20,326,326,487
8,088,479,778	8,417,650,189	8,754,875,804	9,100,324,217	9,454,166,235	9,816,575,941	10,187,730,750
1,071,972,257	1,110,958,196	1,150,872,518	1,191,734,305	1,245,539,339	1,300,690,384	1,357,215,714
849,658,459	885,503,425	922,232,567	959,864,345	998,417,575	1,037,911,431	1,078,365,459
888,876,586	926,593,782	965,242,496	1,004,842,189	1,045,412,692	1,086,974,221	1,136,114,514
775,579,832	809,255,509	843,766,950	879,131,652	918,660,136	959,176,670	1,000,702,001
1,834,894,287	1,914,311,693	1,995,698,769	2,085,037,015	2,176,606,376	2,270,453,684	2,372,838,293
2,461,437,417	2,572,634,515	2,686,613,703	2,803,433,424	2,930,214,005	3,060,167,231	3,193,359,756
15,970,898,616	16,636,907,308	17,319,302,809	18,024,367,147	18,769,016,357	19,531,949,561	20,326,326,487
31,850,276,459	33,240,357,278	34,687,663,061	36,181,323,456	37,721,410,219	39,314,601,946	40,960,043,253
16,379,508,847	17,091,328,624	17,820,817,605	18,568,345,706	19,334,289,966	20,119,034,677	20,922,971,513
1,612,889,675	1,679,421,374	1,747,586,124	1,817,417,946	1,888,951,516	1,962,222,175	2,037,265,939
1,071,877,867	1,112,496,397	1,162,395,132	1,213,540,518	1,265,958,727	1,319,676,435	1,374,720,833
935,461,840	974,220,167	1,013,930,766	1,059,708,234	1,106,630,892	1,154,722,796	1,204,008,464
1,332,592,966	1,391,473,991	1,454,014,697	1,518,118,542	1,586,077,720	1,658,027,357	1,731,778,615
4,161,481,217	4,347,832,142	4,544,078,413	4,750,553,580	4,962,200,583	5,184,608,681	5,418,135,294
6,356,464,048	6,643,584,584	6,944,840,324	7,253,638,930	7,577,300,815	7,916,309,826	8,271,162,594
31,850,276,459	33,240,357,278	34,687,663,061	36,181,323,456	37,721,410,219	39,314,601,946	40,960,043,253
171,187,739,853	178,361,060,166	185,975,770,766	193,812,559,141	201,931,051,456	210,275,296,127	218,878,309,754
89,663,942,474	93,409,147,444	97,246,534,175	101,178,025,451	105,205,580,994	109,331,198,148	113,556,912,561
17,404,151,843	18,067,453,098	18,860,753,851	19,673,788,450	20,518,946,757	21,385,033,210	22,272,485,495
8,321,853,547	8,640,855,379	9,025,434,867	9,419,607,546	9,823,574,683	10,237,541,422	10,661,716,859
10,182,623,373	10,592,661,127	11,065,536,617	11,555,309,775	12,057,286,381	12,571,722,341	13,105,445,626
10,112,060,054	10,562,104,238	11,033,134,922	11,515,920,054	12,036,702,567	12,572,810,735	13,130,325,551
13,167,183,732	13,751,742,188	14,362,048,828	15,005,796,961	15,678,809,181	16,374,116,022	17,105,813,325
22,335,924,830	23,337,096,692	24,382,327,505	25,464,110,905	26,610,150,893	27,802,874,249	29,045,610,338
171,187,739,853	178,361,060,166	185,975,770,766	193,812,559,141	201,931,051,456	210,275,296,127	218,878,309,754

38,278,109,891	38,691,001,859	39,172,824,751	39,632,408,220	40,086,509,464	40,518,979,055	40,936,634,667
19,467,671,922	19,684,618,541	19,891,117,542	20,087,427,215	20,273,800,542	20,450,485,295	20,617,724,141
6,561,261,704	6,611,552,417	6,706,893,193	6,798,054,848	6,885,138,884	6,968,244,733	7,047,469,794
2,162,748,482	2,179,325,502	2,210,752,097	2,240,801,155	2,269,506,132	2,296,899,803	2,323,014,275
2,592,643,432	2,617,583,090	2,656,692,377	2,694,107,412	2,729,869,246	2,764,018,095	2,796,593,357
2,569,702,326	2,607,767,482	2,644,178,952	2,678,976,828	2,718,767,456	2,756,830,965	2,793,209,222
1,554,778,794	1,575,248,448	1,598,060,170	1,619,873,388	1,643,885,872	1,666,855,414	1,688,807,297
3,369,303,231	3,414,906,380	3,465,130,418	3,513,167,374	3,565,541,333	3,615,644,750	3,669,816,581
38,278,109,891	38,691,001,859	39,172,824,751	39,632,408,220	40,086,509,464	40,518,979,055	40,936,634,667
33,814,281,459	34,204,896,572	34,621,199,334	35,027,434,639	35,427,719,583	35,814,342,099	36,189,685,970
18,631,242,705	18,838,868,204	19,036,494,969	19,224,370,190	19,402,735,980	19,571,829,467	19,731,882,889
2,040,329,907	2,055,968,613	2,085,616,362	2,113,964,545	2,141,044,728	2,166,887,829	2,191,524,136
1,577,439,750	1,589,530,499	1,612,452,056	1,634,368,880	1,655,305,374	1,675,285,444	1,694,332,507
2,291,733,064	2,313,778,146	2,348,348,287	2,381,420,814	2,413,032,017	2,443,217,444	2,472,011,918
2,107,572,862	2,136,098,629	2,167,514,864	2,197,563,030	2,230,324,087	2,261,664,870	2,295,550,535
2,635,665,465	2,674,011,145	2,710,680,978	2,749,441,172	2,790,168,811	2,829,127,096	2,869,924,046
4,530,297,706	4,596,641,334	4,660,091,819	4,726,306,007	4,795,108,587	4,866,329,950	4,934,459,939
33,814,281,459	34,204,896,572	34,621,199,334	35,027,434,639	35,427,719,583	35,814,342,099	36,189,685,970
9,333,001,006	9,439,029,256	9,539,989,922	9,639,184,898	9,745,061,267	9,845,809,542	9,947,810,617
4,726,708,980	4,775,794,258	4,822,447,408	4,866,728,859	4,908,697,794	4,948,412,178	4,985,928,775
626,434,266	630,307,467	633,935,000	637,323,198	646,696,499	655,661,625	664,228,477
496,519,541	502,394,621	507,993,278	513,322,317	518,388,404	523,198,068	527,757,702
519,437,652	525,707,432	531,684,433	537,375,852	542,788,740	547,930,002	556,020,392
453,229,811	459,134,999	464,772,069	470,147,577	476,977,543	483,508,867	489,748,799
1,072,267,168	1,086,093,932	1,099,290,564	1,115,049,263	1,130,115,829	1,144,507,079	1,161,279,486
1,438,403,589	1,459,596,547	1,479,867,171	1,499,237,832	1,521,396,458	1,542,591,723	1,562,846,986
9,333,001,006	9,439,029,256	9,539,989,922	9,639,184,898	9,745,061,267	9,845,809,542	9,947,810,617
18,612,519,520	18,859,076,330	19,107,002,151	19,349,276,665	19,585,333,972	19,817,995,216	20,046,059,646
9,571,782,793	9,696,847,371	9,816,239,270	9,930,097,187	10,038,556,986	10,141,751,747	10,239,811,817
942,533,123	952,827,781	962,622,699	971,930,247	980,762,545	989,131,461	997,048,618
626,379,107	631,180,173	640,282,000	648,984,863	657,298,450	665,232,254	672,795,574
546,660,930	552,728,490	558,503,388	566,717,462	574,573,842	582,081,204	589,248,047
778,734,609	789,459,451	800,914,777	811,869,022	823,507,437	835,790,688	847,541,522
2,431,867,443	2,466,763,445	2,503,014,281	2,540,531,046	2,576,424,240	2,613,495,876	2,651,663,784
3,714,561,515	3,769,269,618	3,825,425,737	3,879,146,838	3,934,210,471	3,990,511,985	4,047,950,284
18,612,519,520	18,859,076,330	19,107,002,151	19,349,276,665	19,585,333,972	19,817,995,216	20,046,059,646
100,037,911,877	101,194,004,016	102,441,016,158	103,648,304,422	104,844,624,287	105,997,125,912	107,120,190,899
52,397,406,400	52,996,128,374	53,566,299,189	54,108,623,452	54,623,791,302	55,112,478,687	55,575,347,622
10,170,559,001	10,250,656,279	10,389,067,254	10,521,272,839	10,653,642,657	10,779,925,648	10,900,271,026
4,863,086,880	4,902,430,795	4,971,479,431	5,037,477,214	5,100,498,360	5,160,615,570	5,217,900,058
5,950,475,078	6,009,797,159	6,095,228,484	6,179,621,540	6,260,263,845	6,337,246,745	6,413,873,713
5,909,239,607	5,992,460,561	6,077,380,662	6,158,556,456	6,249,576,522	6,337,795,390	6,426,050,078
7,694,578,870	7,802,116,969	7,911,045,993	8,024,894,870	8,140,594,752	8,253,985,464	8,371,674,612
13,052,566,041	13,240,413,878	13,430,515,145	13,617,858,051	13,816,256,848	14,015,078,408	14,215,073,790
100,037,911,877	101,194,004,016	102,441,016,158	103,648,304,422	104,844,624,287	105,997,125,912	107,120,190,899

AÑO		1.000	1.030	1.061	1.093	1.126	1.159	1.194	1.230	1.267	1.305	1.344	1.384
FECHA INICIO	2010												
FECHA DE FINALIZACION	2034												
30 AÑOS													
modelo ad 15 OPTIMO		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
INGRESOS POR PEAJE													
Ingresos de peaje		-	-	-	-	-	-	-	-	-	-	-	86,053,478.619
Vigencias futuras		18,500,000,000	19,055,000,000	19,626,650,000	20,215,449,500	20,821,912,985	21,446,570,375	22,089,967,486	22,752,666,510	23,435,246,506	24,138,303,901	24,862,453,018	
INGRESOS POR PEAJE		18,500,000,000	19,055,000,000	19,626,650,000	20,215,449,500	20,821,912,985	21,446,570,375	22,089,967,486	22,752,666,510	23,435,246,506	24,138,303,901	110,915,931,637	
TOTAL INGRESOS POR PEAJE ACUMULADO		18,500,000,000	19,055,000,000	19,626,650,000	20,215,449,500	20,821,912,985	21,446,570,375	22,089,967,486	22,752,666,510	23,435,246,506	24,138,303,901	110,915,931,637	
OPEX													
MANTENIMIENTO RUTINARIO		92,700,000	381,924,000	393,381,720	405,183,172	417,338,667	429,858,827	442,754,592	456,037,229	469,718,346	483,809,897	498,324,193	513,273,919
		92,700,000	381,924,000	393,381,720	405,183,172	417,338,667	429,858,827	442,754,592	456,037,229	469,718,346	483,809,897	498,324,193	513,273,919
MANTENIMIENTO PERIODICO		-	-	-	-	-	2,616,283,112	17,359,342,665	5,163,934,424	-	-	3,032,989,182	20,124,235,898
		-	-	-	-	-	2,616,283,112	17,359,342,665	5,163,934,424	-	-	3,032,989,182	20,124,235,898
INTERVENTORIA		-	-	-	-	-	-	286,309,796	1,179,596,361	1,214,984,252	1,251,433,779	1,288,976,793	1,327,646,097
		-	-	-	-	-	-	286,309,796	1,179,596,361	1,214,984,252	1,251,433,779	1,288,976,793	1,327,646,097
OPERACIÓN		12,488,889	12,863,556	1,497,757,601	11,542,690,329	12,588,971,039	21,636,640,170	2,176,473,462	33,758,135,994	33,870,880,074	23,987,006,476	647,052,038,340	4,229,815,171
RECAUDO DE PEAJE Y PESAJE		-	-	1,484,508,139	1,529,043,383	1,574,914,684	1,622,162,125	1,670,826,988	1,720,951,798	1,772,580,352	1,825,757,763	1,880,530,496	1,936,946,410
ADMINISTRACION PERSONAL DE LA APP		-	-	-	-	-	-	-	-	-	-	-	-
GASTOS ADMINISTRATIVOS		-	-	-	-	-	-	290,204,944	1,195,644,370	1,231,513,701	1,268,459,112	1,306,512,886	1,345,708,272
OPEX		12,488,889	12,863,556	13,249,462	13,646,946	14,056,354	14,478,045	14,912,386	15,359,758	15,820,551	16,295,167	16,784,022	17,287,543
DEUDA		-	-	-	10,000,000,000	11,000,000,000	20,000,000,000	-	30,000,000,000	30,000,000,000	20,000,000,000	-	-
TOTAL OPEX		105,188,889	394,787,556	1,891,139,321	11,947,873,500	13,006,309,705	24,682,782,108	20,264,880,515	40,557,704,009	35,555,582,672	25,722,250,152	651,872,328,509	26,194,971,085
CAPEX													
		15,045,525,297	99,828,809,826	29,696,367,977	-	-	-	-	-	-	-	-	-
TOTAL CAPEX		15,045,525,297	99,828,809,826	29,696,367,977	-	-	-	-	-	-	-	-	-
Otros gastos operacionales		481,335,388	970,249,672	710,033,078	436,858,441	437,567,238	448,762,385	508,486,649	965,501,757	440,622,868	441,446,118	454,425,787	1,920,663,746
Equipo policia		418,917,200	-	-	-	-	-	-	503,010,215	-	-	-	-
Impuesto por pagar		-	568,616,503	568,616,503	413,539,275	413,539,275	413,539,275	413,539,275	413,539,275	413,539,275	413,539,275	413,539,275	1,716,676,530
GMF		62,418,188	401,633,168	141,416,575	23,319,166	24,027,963	35,223,110	94,947,374	48,952,267	27,083,593	27,906,843	40,886,512	203,987,216
Flujo de Ingresos y Egresos		(15,632,049,574)	(82,693,847,053)	(13,242,540,376)	7,241,918,058	6,771,672,556	(4,309,631,509)	673,203,211	(19,433,238,280)	(13,243,539,030)	(2,728,449,765)	(628,188,450,395)	82,800,296,805

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1.426	1.469	1.513	1.558	1.605	1.653	1.702	1.754	1.806	1.860	1.916	1.974	2.033
12	13	14	15	16	17	18	19	20	21	22	23	24
12	12	12	12	12	12	12	12	12	12	12	12	12
2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
133,523,707,646	138,839,557,428	144,864,670,157	151,077,630,483	157,484,940,958	164,233,846,521	171,187,739,853	178,361,060,166	185,975,770,766	193,812,559,141	201,931,051,456	210,275,296,127	168,367,930,580
25,608,326,608	26,376,576,407	27,167,873,699	-	-	-	-	-	-	-	-	-	-
159,132,034,254	165,216,133,835	172,032,543,856	151,077,630,483	157,484,940,958	164,233,846,521	171,187,739,853	178,361,060,166	185,975,770,766	193,812,559,141	201,931,051,456	210,275,296,127	168,367,930,580
159,132,034,254	165,216,133,835	172,032,543,856	151,077,630,483	157,484,940,958	164,233,846,521	171,187,739,853	178,361,060,166	185,975,770,766	193,812,559,141	201,931,051,456	210,275,296,127	168,367,930,580
528,672,137	544,532,301	560,868,270	577,694,318	595,025,148	612,875,902	631,262,179	650,200,044	669,706,046	689,797,227	710,491,144	731,805,878	251,253,352
528,672,137	544,532,301	560,868,270	577,694,318	595,025,148	612,875,902	631,262,179	650,200,044	669,706,046	689,797,227	710,491,144	731,805,878	251,253,352
45,361,867,494	-	-	3,516,065,727	23,329,504,942	52,586,836,948	-	-	4,076,083,841	27,045,290,245	60,962,556,723	-	-
45,361,867,494	-	-	3,516,065,727	23,329,504,942	52,586,836,948	-	-	4,076,083,841	27,045,290,245	60,962,556,723	-	-
1,367,475,480	1,408,499,744	1,450,754,736	1,494,277,378	1,539,105,700	1,585,278,871	1,632,837,237	1,681,822,354	1,732,277,025	1,784,245,335	1,837,772,695	1,892,905,876	1,949,693,052
4,356,709,626	4,487,410,915	4,622,033,242	4,760,694,239	4,903,515,067	5,050,620,519	5,202,139,134	5,358,203,308	5,518,949,407	5,684,517,890	5,855,053,426	6,030,705,029	6,211,626,180
1,995,054,803	2,054,906,447	2,116,553,640	2,180,050,249	2,245,451,757	2,312,815,310	2,382,199,769	2,453,665,762	2,527,275,735	2,603,094,007	2,681,186,827	2,761,622,432	2,844,471,105
1,386,079,521	1,427,661,906	1,470,491,763	1,514,606,516	1,560,044,712	1,606,846,053	1,655,051,435	1,704,702,978	1,755,844,067	1,808,519,389	1,862,774,971	1,918,658,220	1,976,217,967
957,769,133	986,502,207	1,016,097,274	1,046,580,192	1,077,977,598	1,110,316,925	1,143,626,433	1,177,935,226	1,213,273,283	1,249,671,481	1,287,161,626	1,325,776,475	1,365,549,769
17,806,169	18,340,354	18,890,565	19,457,282	20,041,000	20,642,230	21,261,497	21,899,342	22,556,323	23,233,012	23,930,003	24,647,903	25,387,340
51,614,724,736	6,440,442,960	6,633,656,248	10,348,731,663	30,367,150,856	59,835,612,239	7,466,238,550	7,690,225,707	11,997,016,318	35,203,650,698	69,365,873,988	8,655,416,784	8,412,572,584
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
27,130,178,224	40,501,477,405	31,902,570,355	30,539,367,604	17,056,564,805	24,161,380,303	25,522,049,462	26,261,099,929	27,836,653,235	30,452,259,432	34,308,707,556	30,767,283,156	21,378,155,015
618,639,118	-	-	-	-	-	-	-	-	760,848,083	-	-	-
26,771,834,212	40,317,825,525	31,090,239,715	30,325,286,180	16,756,186,627	23,735,531,399	25,297,834,240	26,047,905,922	27,577,656,728	29,327,718,549	30,802,268,215	30,494,289,227	21,283,581,608
358,344,012	183,651,580	193,691,526	213,081,424	300,378,178	425,856,904	224,215,222	233,194,007	258,996,507	363,692,801	506,439,341	272,993,930	94,573,407
89,387,131,294	118,274,213,770	133,496,317,249	110,190,531,216	110,061,225,296	80,236,845,979	138,199,451,841	144,389,734,530	146,142,101,213	128,156,449,011	101,256,469,911	170,852,596,187	138,577,202,981

Estado de Resultados

	2010	2011	2012	2013	2014
Ingresos Operacionales					
Ingresos	-	-	-	-	-
Vigencias Futuras	-	-	19,096,200,000	19,669,086,000	20,259,158,580
Total Ingresos Operacionales	-	-	19,096,200,000	19,669,086,000	20,259,158,580
Costos Operacionales					
Operación Obras adicionales	92,700,000	381,924,000	393,381,720	405,183,172	417,338,667
Operación y Mantenimiento	-	-	-	-	-
Interventoría	47,404,445	197,558,288	205,778,201	214,234,181	222,966,685
Mantenimiento Rutinario Obras Adicionales	-	-	5,058,615,737	5,210,374,210	5,366,685,436
Total Costos Operacionales	140,104,445	579,482,288	5,657,775,659	5,829,791,562	6,006,990,788
EBITDA	-	140,104,445	-	579,482,288	13,438,424,341
Margen EBITDA			70.37%	70.36%	70.35%
Costos no operacionales					
Amortizaciones	-	654,153,274	5,191,826,448	6,605,939,208	6,605,939,208
Total Costos No Operacionales	-	654,153,274	5,191,826,448	6,605,939,208	6,605,939,208
Utilidad Operacional	-	140,104,445	-	1,233,635,562	8,246,597,894
Utilidad antes de impuestos	-	140,104,445	-	1,233,635,562	8,246,597,894
Impuestos	568,616,503	568,616,503	413,539,275	413,539,275	413,539,275
Utilidad Neta	-	708,720,948	-	1,802,252,065	7,833,058,618
				6,819,815,954	7,232,689,309

2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
-	-	-	-	-	-	78,218,758,924	121,973,906,935	126,829,935,711	132,333,876,189	138,009,415,446
20,866,933,337	21,492,941,338	22,137,729,578	22,801,861,465	23,485,917,309	24,190,494,828	24,916,209,673	25,663,695,963	26,433,606,842	27,226,615,047	-
20,866,933,337	21,492,941,338	22,137,729,578	22,801,861,465	23,485,917,309	24,190,494,828	103,134,968,597	147,637,602,898	153,263,542,553	159,560,491,236	138,009,415,446
429,858,827	442,754,592	456,037,229	469,718,346	483,809,897	498,324,193	513,273,919	528,672,137	544,532,301	560,868,270	577,694,318
-	-	-	-	-	-	23,465,627,677	36,592,172,080	38,048,980,713	39,700,162,857	41,402,824,634
231,949,608	241,229,589	250,762,687	260,928,173	271,441,477	282,211,472	293,320,346	304,934,767	317,074,839	330,834,690	345,023,539
5,527,685,999	5,693,516,579	5,864,322,076	6,040,251,739	6,221,459,291	6,408,103,069	6,600,346,162	6,798,356,546	7,002,307,243	7,212,376,460	7,428,747,754
6,189,494,434	6,377,500,760	6,571,121,993	6,770,898,257	6,976,710,665	7,188,638,735	30,872,568,104	44,224,135,531	45,912,895,096	47,804,242,277	49,754,290,244
14,677,438,903	15,115,440,578	15,566,607,585	16,030,963,208	16,509,206,644	17,001,856,093	72,262,400,493	103,413,467,367	107,350,647,457	111,756,248,959	88,255,125,202
70.34%	70.33%	70.32%	70.31%	70.29%	70.28%	70.07%	70.05%	70.04%	70.04%	63.95%
6,605,939,208	7,129,195,831	10,601,064,364	11,633,851,249	11,633,851,249	11,633,851,249	11,717,192,463	12,270,171,110	20,309,757,723	20,309,757,723	20,309,757,723
6,605,939,208	7,129,195,831	10,601,064,364	11,633,851,249	11,633,851,249	11,633,851,249	11,717,192,463	12,270,171,110	20,309,757,723	20,309,757,723	20,309,757,723
8,071,499,695	7,986,244,747	4,965,543,221	4,397,111,959	4,875,355,396	5,368,004,844	60,545,208,030	91,143,296,257	87,040,889,733	91,446,491,235	67,945,367,478
8,071,499,695	7,986,244,747	4,965,543,221	4,397,111,959	4,875,355,396	5,368,004,844	60,545,208,030	91,143,296,257	87,040,889,733	91,446,491,235	67,945,367,478
413,539,275	413,539,275	413,539,275	413,539,275	413,539,275	1,716,676,530	26,771,834,212	40,317,825,525	31,090,239,715	30,325,286,180	16,756,186,627
7,657,960,420	7,572,705,472	4,552,003,946	3,983,572,684	4,461,816,120	3,651,328,314	33,773,373,818	50,825,470,733	55,950,650,018	61,121,205,055	51,189,180,851

2026	2027	2028	2029	2030	2031	2032	2033	2034
143,862,493,565	150,027,618,797	156,380,000,356	162,932,828,461	169,888,866,595	177,047,772,775	184,464,015,505	192,086,483,012	66,648,445,320
-	-	-	-	-	-	-	-	-
143,862,493,565	150,027,618,797	156,380,000,356	162,932,828,461	169,888,866,595	177,047,772,775	184,464,015,505	192,086,483,012	66,648,445,320
595,025,148	612,875,902	631,262,179	650,200,044	669,706,046	689,797,227	710,491,144	731,805,878	251,253,352
43,158,748,069	45,008,285,639	46,914,000,107	48,879,848,538	50,966,659,978	53,114,331,833	55,339,204,651	57,625,944,904	19,994,533,596
359,656,234	375,069,047	390,950,001	407,332,071	424,722,166	442,619,432	461,160,039	480,216,208	166,621,113
7,651,610,186	7,881,158,492	8,117,593,247	8,361,121,044	8,611,954,676	8,870,313,316	9,136,422,715	9,410,515,397	3,230,943,620
51,765,039,637	53,877,389,080	56,053,805,534	58,298,501,698	60,673,042,866	63,117,061,808	65,647,278,549	68,248,482,386	23,643,351,680
92,097,453,927	96,150,229,717	100,326,194,822	104,634,326,763	109,215,823,728	113,930,710,968	118,816,736,955	123,838,000,626	43,005,093,640
64.02%	64.09%	64.16%	64.22%	64.29%	64.35%	64.41%	64.47%	64.53%
20,406,373,032	21,047,426,841	22,492,420,732	22,492,420,732	22,492,420,732	22,808,228,547	27,157,424,307	47,121,335,279	40,515,396,070
20,406,373,032	21,047,426,841	22,492,420,732	22,492,420,732	22,492,420,732	22,808,228,547	27,157,424,307	47,121,335,279	40,515,396,070
71,691,080,895	75,102,802,876	77,833,774,090	82,141,906,031	86,723,402,997	91,122,482,421	91,659,312,649	76,716,665,347	2,489,697,570
71,691,080,895	75,102,802,876	77,833,774,090	82,141,906,031	86,723,402,997	91,122,482,421	91,659,312,649	76,716,665,347	2,489,697,570
23,735,531,399	25,297,834,240	26,047,905,922	27,577,656,728	29,327,718,549	30,802,268,215	30,494,289,227	21,283,581,608	-
47,955,549,496	49,804,968,635	51,785,868,168	54,564,249,303	57,395,684,448	60,320,214,207	61,165,023,422	55,433,083,739	2,489,697,570

Inflación Colombia 3%
Tasa de Impuestos 33%

ESTRUCTURA DE CAPITAL

D/E	4.00
KD	80%
Kd	20%

Costo de la Deuda Nominal

Tasa referencia (DTF) T.A	5.89%
Sorred sobre DTF T.A	4%
KD antes de impuestos T.A	9.89%
KD antes de impuestos E.A	10.53%
KD después de impuestos	7.06%

Costo del Capital Nominal

Rf	3.14%	C A P M
1/N*(Rm-Rf)	5.86%	
Bu	0.83	
Bl	3.07	
PAE	17.96%	
PRP cds	2.843%	
KE USD	23.945%	
ne	2%	
nd	3%	
Dev	0.980%	
KE COP Nominale	25.160%	

WACC Nominal

KE	25.16%
% E	20%
KD	7.06%
% D	80%

WACC Nominal

	10.68%
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Ke Real

	21.51%
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WACC Real

	7.454%
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Datos Damodarcan

Industry Name	Number of firms	Beta	D/E Ratio	Tax rate	levered be	Cash/Firm value	Beta correcte	%	Average
Construction	18	0.96	0.3047	0.0982	0.75	0.0189	0.77	68%	Beta unlevered 0.51
Engineering	56	1.2	0.2272	0.1488	1.01	0.1121	1.13	27%	0.207196 6.072704
								2.00	0.83

Industry Name	Number of firms	Beta	D/E Ratio	Tax rate	levered be	Cash/Firm value	Beta correcte for cash
Advertising	65	1.03	52.57%	6.08%	0.69	5.93%	0.73
Aerospace/Defense	95	1.01	18.90%	15.03%	0.87	6.24%	0.92
Air Transport	25	0.94	109.48%	13.79%	0.48	6.92%	0.52
Apparel	70	1.15	21.33%	10.29%	0.96	5.99%	0.99
Auto & Truck	26	1.28	97.50%	4.71%	0.66	8.48%	0.72
Auto Parts	75	1.46	32.00%	9.43%	1.13	8.04%	1.23
Bank	7	0.72	84.19%	22.17%	0.43	10.94%	0.49
Banks (Regional)	721	0.58	72.00%	18.60%	0.37	13.80%	0.43
Beverage	47	1.42	27.16%	3.95%	1.17	5.05%	1.24
Beverage (Alcoholic)	19	1.14	27.56%	10.72%	0.91	1.98%	0.93
Biotechnology	349	1.12	9.15%	1.13%	1.02	4.39%	1.07
Broadcasting	30	1.53	48.49%	13.21%	1.08	2.31%	1.10
Brokerage & Investment Bank	49	1.11	400.56%	13.44%	0.25	24.39%	0.33
Building Materials	37	1.27	30.05%	16.33%	1.02	5.04%	1.07
Business & Consumer Service	179	0.9	29.23%	13.41%	0.72	4.33%	0.75
Cable TV	16	0.97	49.23%	15.00%	0.69	2.58%	0.71
Chemical (Basic)	47	1.01	29.87%	6.27%	0.79	7.19%	0.85
Chemical (Diversified)	10	1.42	33.39%	26.03%	1.13	4.82%	1.22
Chemical (Specialty)	100	1.01	16.30%	12.74%	0.89	6.25%	0.95
Coal & Related Energy	45	1.28	86.63%	2.44%	0.69	5.86%	0.73
Computer Services	129	0.92	20.48%	9.94%	0.78	5.48%	0.82
Computer Software	273	1.07	8.68%	6.16%	0.99	5.50%	1.04
Computer/Peripherals	66	1.15	8.83%	5.66%	1.06	5.92%	1.13
Construction	46	0.96	30.47%	12.60%	0.75	1.89%	0.77
Diversified	20	0.77	94.47%	12.60%	0.42	2.27%	0.43
Educational Services	40	1.24	39.03%	11.84%	0.92	11.98%	1.04
Electrical Equipment	135	1.14	13.74%	7.49%	1.01	5.37%	1.07
Electronics	191	1.02	16.01%	7.52%	0.89	10.69%	1.00
Electronics (Consumer & Offr	26	1.37	40.30%	8.97%	1.00	6.97%	1.08
Engineering	56	1.2	22.72%	14.86%	1.01	13.21%	1.13
Entertainment	85	1.19	25.98%	4.85%	0.95	4.05%	0.99
Environmental & Waste Serv	108	1.13	43.59%	5.02%	0.80	1.42%	0.81
Farming/Agriculture	29	0.79	41.12%	9.01%	0.58	7.63%	0.63
Financial Svcs.	76	0.9	101.12%	18.37%	1.54	7.22%	0.58
Financial Svcs. (Non-bank & F	17	1.05	331.47%	9.77%	0.26	7.85%	0.29
Food Processing	97	0.85	27.92%	14.00%	0.69	3.10%	0.71
Food Wholesalers	18	1.18	26.79%	10.69%	1.02	1.71%	1.04
Furn/Home Furnish	36	1.24	27.66%	10.03%	0.99	3.88%	1.03
Furn/Home Furnishings	35	1.24	27.66%	10.03%	0.99	3.88%	1.03
Healthcare Equipment	193	0.85	17.26%	5.80%	0.73	5.20%	0.77
Healthcare Facilities	47	1.13	120.90%	13.49%	0.55	1.22%	0.56
Healthcare Products	58	1.00	39.80%	8.76%	0.85	4.28%	0.89
Healthcare Services	126	0.83	27.93%	13.77%	0.67	6.54%	0.72
Healthcare Information and T	125	0.99	24.52%	6.09%	0.87	4.88%	0.92
Heavy Construction	46	1.07	56.30%	19.40%	1.15	5.44%	1.22
Homebuilding	32	1.71	56.61%	6.68%	1.12	9.15%	1.23
Hotel/Gaming	89	1.27	52.33%	10.48%	0.87	3.84%	0.90
Household Products	139	1.00	29.33%	8.21%	0.86	3.52%	0.89
Information Services	71	0.84	10.63%	17.05%	0.77	3.84%	0.81
Insurance (General)	26	0.92	46.14%	19.19%	0.67	5.04%	0.71
Insurance (Life)	27	1.21	66.67%	17.82%	0.78	10.41%	0.87
Insurance (Prop/Cas.)	53	0.76	34.98%	19.42%	0.56	5.47%	0.63
Internet software & service	330	1.05	4.16%	4.59%	1.01	3.98%	1.05
Investment Co.	65	0.82	104.40%	6.62%	0.41	11.38%	0.47
Machinery	141	1.04	17.50%	13.02%	0.91	9.90%	0.96
Metals & Mining	134	1.26	48.21%	1.90%	0.86	5.37%	0.96
Office Equipment & Services	30	1.14	55.08%	12.81%	0.77	4.55%	0.82
Oil/Gas (Integrated)	8	1.00	1.54%	20.55%	0.94	20.55%	0.97
Oil/Gas (Production and Expl	411	1.24	156.15%	6.29%	0.5	1.76%	0.51
Oil/Gas Distribution	80	0.82	51.93%	4.18%	0.55	1.12%	0.55
Offshore Svcs/Equip.	163	1.3	20.29%	10.73%	1.1	5.69%	1.17
Packaging & Container	24	0.99	49.19%	21.28%	0.71	3.11%	0.73
Paper/Forest Products	21	1.34	51.99%	8.20%	0.9	3.12%	0.93
Pharma & Drugs	138	1.1	13.87%	4.30%	0.97	5.15%	1.03
Power	106	0.68	85.11%	16.03%	0.4	2.05%	0.4
Precious Metals	166	1.33	37.02%	0.92%	0.98	10.57%	1.09
Publishing & Newspapers	52	1.08	36.82%	13.92%	0.82	6.06%	0.87
R.E.I.T.	46	0.78	569.79%	2.48%	0.12	2.40%	0.12
Railroad	10	1.08	23.69%	20.51%	0.91	1.61%	0.92
Real Estate (Develp)	22	0.99	24.90%	3.00%	0.80	6.27%	0.85
Real Estate (Development)	11	0.72	17.30%	8.72%	0.62	0.69%	0.62
Real Estate (Operations & Ser	47	1.40	59.57%	8.56%	0.91	3.25%	0.94
Recreation	70	1.30	25.13%	8.81%	1.06	4.22%	1.11
Reinsurance	3	0.56	38.50%	13.34%	0.42	10.46%	0.47
Restaurant	84	0.86	27.57%	15.17%	0.69	2.56%	0.71
Retail (Automotive)	30	1.15	57.51%	19.23%	0.79	2.25%	0.8
Retail (Building Supply)	7	1.07	22.18%	21.97%	0.91	2.89%	0.94
Retail (Distributors)	87	1.00	43.82%	16.18%	0.73	1.86%	0.74
Retail (General)	21	0.98	35.62%	25.03%	0.77	3.19%	0.8
Retail (Grocery and Food)	21	0.81	56.86%	22.83%	0.57	1.72%	0.58
Retail (Internet)	47	1.03	5.06%	9.80%	0.99	3.03%	1.02
Retail (Special Lines)	137	0.99	37.80%	18.90%	0.75	3.20%	0.78
Rubber & Tires	4	1.27	109.78%	15.21%	0.66	17.50%	0.8
Semiconductor	104	1.19	13.02%	7.30%	1.06	6.34%	1.14
Semiconductor Equip	51	1.25	16.97%	5.13%	1.08	10.97%	1.21
Shipbuilding & Mar	14	1.15	65.35%	4.99%	0.92	2.26%	0.94

Shipbuilding & Marine	14	1.50	65.35%	4.99%	0.92	2.28%	0.94
Shoe	14	0.83	7.89%	19.82%	0.78	3.53%	0.81
Steel	37	1.19	45.91%	14.13%	0.85	6.31%	0.91
Telecom (Wireless)	28	0.68	105.14%	11.54%	0.35	5.15%	0.37
Telecom, Equipment	131	1.14	10.77%	6.90%	1.04	6.36%	1.11
Telecom, Services	82	0.94	74.81%	8.40%	0.57	9.63%	0.63
Thrift	223	0.53	NA	18.93%	0.01	1.88%	NA
Tobacco	12	0.94	20.83%	14.23%	0.80	3.80%	0.83
Transportation	22	1.01	20.75%	21.21%	0.86	5.60%	0.92
Trucking	28	1.17	78.48%	27.93%	0.75	2.92%	0.77
Utility (General)	20	0.56	69.35%	29.93%	0.38	0.97%	0.38
Utility (Water)	20	0.75	57.90%	14.52%	0.50	0.55%	0.50
Grand Total	7766	1.01	74.28%	10.32%	0.60	5.24%	0.64

Shoe	14	0.83	7.89%	19.82%	0.78	3.53%	0.81
Steel	37	1.19	45.91%	14.13%	0.85	6.31%	0.91
Telecom (Wireless)	28	0.68	105.14%	11.54%	0.35	5.15%	0.37
Telecom, Equipment	131	1.14	10.77%	6.90%	1.04	6.36%	1.11
Telecom, Services	82	0.94	71.23%	8.40%	0.57	9.63%	0.63
Thrift	223	0.53	NA	18.93%	0.01	1.88%	NA
Tobacco	12	0.94	20.83%	14.23%	0.80	3.80%	0.83
Transportation	22	1.01	20.75%	21.21%	0.86	5.60%	0.92
Trucking	28	1.17	78.48%	27.93%	0.75	2.92%	0.77
Utility (General)	20	0.56	69.35%	29.93%	0.38	0.97%	0.38
Utility (Water)	20	0.75	57.90%	14.52%	0.50	0.55%	0.50
Total Market	7766	1.01	74.28%	10.32%	0.60	5.24%	0.64

Annual Returns on Investments in Compounded Value of \$ 100									
Year	S&P 500	3-month T-Bill	0-year T-Bond	Stocks	T-Bills	T-Bonds	Stocks - Bills	Stocks - Bonds	Historical risk premium
1928	43.81%	3.08%	0.84%	\$ 143.81	\$ 103.08	\$ 100.84	40.73%	42.98%	
1929	-4.30%	3.10%	2.20%	\$ 133.88	\$ 106.34	\$ 105.07	-11.46%	-12.50%	
1930	-26.11%	4.55%	4.54%	\$ 88.78	\$ 111.18	\$ 109.85	-29.67%	-29.66%	
1931	-43.84%	2.31%	2.56%	\$ 55.46	\$ 113.74	\$ 107.03	-46.15%	-41.28%	
1932	-6.64%	1.07%	0.79%	\$ 50.66	\$ 114.06	\$ 106.44	-9.21%	-12.42%	
1933	-49.58%	0.96%	1.85%	\$ 75.59	\$ 116.06	\$ 118.60	-49.00%	-48.13%	
1934	-1.19%	0.82%	0.96%	\$ 75.09	\$ 116.44	\$ 128.05	-1.51%	-9.15%	
1935	46.74%	0.18%	0.47%	\$ 110.18	\$ 116.64	\$ 133.78	36.37%	42.27%	
1936	31.94%	0.17%	0.02%	\$ 145.38	\$ 116.84	\$ 140.49	31.77%	26.99%	
1937	-35.34%	0.30%	1.38%	\$ 94.00	\$ 117.19	\$ 142.43	-35.64%	-36.72%	
1938	29.28%	0.08%	4.21%	\$ 121.53	\$ 117.29	\$ 148.43	29.21%	25.07%	
1939	0.04%	0.04%	4.41%	\$ 120.20	\$ 117.31	\$ 154.98	-1.14%	-5.53%	
1940	-10.67%	0.03%	5.40%	\$ 107.37	\$ 117.36	\$ 163.35	-10.70%	-16.08%	
1941	-12.77%	0.08%	-2.02%	\$ 93.66	\$ 117.46	\$ 160.04	-12.85%	-16.75%	
1942	-1.11%	0.29%	0.11%	\$ 111.63	\$ 117.85	\$ 163.72	-1.84%	-16.88%	
1943	25.00%	0.38%	2.49%	\$ 139.59	\$ 118.30	\$ 167.79	24.68%	22.57%	
1944	19.03%	0.38%	2.58%	\$ 166.15	\$ 118.75	\$ 172.12	18.65%	16.45%	
1945	35.82%	0.38%	3.80%	\$ 225.67	\$ 119.20	\$ 178.67	35.48%	31.02%	
1946	4.43%	0.38%	1.31%	\$ 238.65	\$ 119.61	\$ 184.26	4.81%	-11.56%	
1947	5.20%	0.57%	0.92%	\$ 217.39	\$ 120.31	\$ 185.95	4.63%	4.28%	
1948	5.70%	1.02%	1.95%	\$ 229.79	\$ 121.56	\$ 189.58	4.68%	3.75%	
1949	34.30%	1.10%	4.66%	\$ 311.85	\$ 122.90	\$ 198.42	34.70%	31.64%	
1950	30.81%	1.17%	0.43%	\$ 355.60	\$ 124.34	\$ 199.27	29.63%	30.38%	
1951	23.68%	1.48%	-0.30%	\$ 439.80	\$ 126.18	\$ 198.68	22.20%	23.97%	
1952	18.11%	1.67%	2.27%	\$ 519.62	\$ 128.20	\$ 203.10	16.48%	15.88%	
1953	-1.21%	1.89%	4.14%	\$ 513.35	\$ 130.72	\$ 211.61	-3.10%	-5.35%	
1954	52.56%	0.96%	3.29%	\$ 783.18	\$ 131.98	\$ 218.57	51.60%	49.27%	
1955	1.69%	0.17%	1.34%	\$ 1,028.07	\$ 134.17	\$ 215.65	20.94%	31.93%	
1956	7.46%	2.56%	-2.26%	\$ 1,115.73	\$ 137.60	\$ 210.79	4.88%	8.70%	
1957	-10.46%	3.23%	6.80%	\$ 999.05	\$ 142.04	\$ 225.11	-13.69%	-17.25%	
1958	43.72%	1.78%	-2.10%	\$ 1,435.84	\$ 144.57	\$ 220.39	43.94%	45.82%	
1959	21.45%	3.26%	2.65%	\$ 1,668.95	\$ 149.27	\$ 214.56	8.80%	34.70%	
1960	0.34%	3.05%	11.64%	\$ 1,614.37	\$ 153.82	\$ 239.53	-2.71%	-11.30%	6.11%
1961	26.64%	2.27%	2.05%	\$ 2,044.40	\$ 157.30	\$ 244.46	24.37%	24.58%	6.62%
1962	27.78%	2.78%	4.60%	\$ 2,654.26	\$ 161.61	\$ 258.28	25.16%	25.51%	5.97%
1963	27.61%	3.11%	1.68%	\$ 3,285.80	\$ 166.70	\$ 262.74	19.50%	20.93%	6.36%
1964	16.42%	3.51%	3.73%	\$ 2,661.60	\$ 172.54	\$ 272.53	12.91%	12.69%	6.53%
1965	12.40%	3.90%	0.72%	\$ 2,990.07	\$ 179.29	\$ 274.49	8.50%	11.69%	6.66%
1966	9.97%	4.84%	2.91%	\$ 2,692.74	\$ 187.95	\$ 282.47	-14.81%	-12.88%	6.11%
1967	23.80%	4.33%	-1.58%	\$ 3,333.69	\$ 196.10	\$ 278.01	19.47%	25.38%	6.57%
1968	10.81%	5.26%	3.27%	\$ 3,694.23	\$ 206.41	\$ 287.11	5.55%	7.54%	6.60%
1969	8.24%	6.56%	5.01%	\$ 3,889.77	\$ 219.96	\$ 272.71	-14.80%	-3.23%	6.33%
1970	3.56%	6.69%	16.75%	\$ 3,510.49	\$ 234.66	\$ 318.41	-3.12%	-13.19%	5.90%
1971	14.22%	4.54%	9.79%	\$ 4,009.72	\$ 245.52	\$ 349.57	9.68%	4.43%	5.87%
1972	19.76%	2.95%	8.82%	\$ 4,761.36	\$ 255.01	\$ 398.42	14.80%	15.94%	6.08%
1973	-14.31%	6.73%	3.66%	\$ 4,080.44	\$ 272.16	\$ 372.57	-11.03%	-17.97%	5.50%
1974	-25.90%	7.78%	1.99%	\$ 3,023.64	\$ 299.33	\$ 379.68	-33.68%	-27.89%	4.64%
1975	27.60%	6.99%	9.61%	\$ 4,142.10	\$ 310.90	\$ 393.68	21.01%	33.59%	5.17%
1976	23.83%	4.97%	15.98%	\$ 5,129.20	\$ 326.35	\$ 456.61	18.80%	7.85%	5.22%
1977	6.98%	5.13%	1.29%	\$ 4,771.30	\$ 343.09	\$ 462.50	-12.11%	-8.27%	4.93%
1978	6.53%	6.93%	0.78%	\$ 5,081.77	\$ 366.87	\$ 458.90	0.44%	7.29%	4.97%
1979	18.53%	9.94%	0.67%	\$ 6,002.89	\$ 403.33	\$ 461.98	8.58%	17.85%	5.21%
1980	31.74%	11.22%	-2.99%	\$ 7,934.26	\$ 448.58	\$ 481.17	20.52%	34.72%	5.73%
1981	-4.70%	14.20%	8.20%	\$ 7,561.16	\$ 514.73	\$ 484.51	-19.00%	-12.90%	5.37%
1982	-11.01%	10.17%	8.81%	\$ 9,105.09	\$ 569.13	\$ 444.04	9.41%	-11.40%	5.10%
1983	22.34%	8.45%	3.20%	\$ 11,138.90	\$ 617.26	\$ 664.65	13.89%	19.14%	5.34%
1984	6.15%	9.61%	13.72%	\$ 11,823.51	\$ 676.60	\$ 755.92	-3.47%	-7.59%	5.12%
1985	18.49%	4.99%	5.71%	\$ 15,116.68	\$ 727.26	\$ 950.29	13.73%	6.52%	5.13%
1986	18.45%	6.04%	24.28%	\$ 18,386.31	\$ 771.15	\$ 1,181.06	12.46%	-5.79%	4.97%
1987	5.81%	5.72%	-4.96%	\$ 19,455.08	\$ 815.27	\$ 1,122.47	0.09%	-10.77%	5.07%
1988	16.54%	6.45%	1.22%	\$ 22,672.40	\$ 867.86	\$ 1,214.78	10.99%	8.31%	5.12%
1989	31.48%	8.11%	17.69%	\$ 29,808.58	\$ 934.24	\$ 1,429.72	21.37%	13.78%	5.24%
1990	3.06%	7.55%	6.24%	\$ 28,895.11	\$ 988.88	\$ 1,518.87	-10.61%	-9.30%	5.00%
1991	30.23%	5.61%	15.00%	\$ 37,611.51	\$ 1,055.55	\$ 1,746.77	24.62%	15.23%	5.14%
1992	19.92	4.41%	9.36%	\$ 40,615.51	\$ 1,109.00	\$ 1,910.20	4.90%	1.87%	5.03%
1993	9.97%	2.98%	14.21%	\$ 44,483.33	\$ 1,181.77	\$ 2,181.77	6.98%	-4.24%	4.90%
1994	1.33%	3.99%	8.04%	\$ 45,073.14	\$ 1,249.88	\$ 2,006.43	-2.66%	9.36%	4.97%
1995	27.30%	5.52%	23.48%	\$ 59,135.19	\$ 1,368.88	\$ 2,477.55	11.68%	13.71%	5.08%
1996	22.68%	5.02%	1.43%	\$ 75,863.69	\$ 1,499.00	\$ 2,512.94	17.66%	21.25%	5.30%
1997	31.10%	5.05%	0.94%	\$ 100,977.34	\$ 1,638.88	\$ 2,762.71	28.00%	23.16%	5.53%
1998	26.34%	4.73%	14.92%	\$ 129,592.25	\$ 1,779.25	\$ 3,174.95	23.61%	11.42%	5.63%
1999	20.89%	4.51%	4.25%	\$ 156,636.05	\$ 1,934.88	\$ 2,912.88	16.38%	14.14%	5.96%
2000	9.03%	5.76%	16.66%	\$ 142,508.98	\$ 2,099.00	\$ 3,398.03	-14.79%	-25.69%	5.51%
2001	-11.85%	3.67%	5.57%	\$ 125,622.01	\$ 2,281.00	\$ 3,587.37	-15.52%	-17.42%	5.17%
2002	-21.97%	1.60%	15.12%	\$ 88,017.82	\$ 2,479.65	\$ 4,129.65	-21.62%	-27.08%	4.53%
2003	28.36%	1.03%	0.38%	\$ 115,824.39	\$ 2,699.00	\$ 4,145.15	27.33%	27.98%	4.82%
2004	10.74%	1.23%	4.49%	\$ 139,341.42	\$ 2,949.00	\$ 4,331.30	9.52%	6.25%	4.84%
2005	4.82%	2.01%	8.97%	\$ 146,017.85	\$ 3,219.00	\$ 4,555.50	1.82%	1.97%	4.86%
2006	15.61%	4.68%	1.96%	\$ 168,084.34	\$ 3,519.00	\$ 4,542.87	10.94%	13.65%	4.91%
2007	5.48%	4.64%	10.21%	\$ 178,147.20	\$ 3,839.00	\$ 5,006.69	0.84%	-4.73%	4.79%
2008	-26.55%	1.59%	20.10%	\$ 113,650.22	\$ 4,179.00	\$ 6,013.10	-28.14%	-36.65%	3.85%
2009	-25.94%	0.14%	-11.12%	\$ 142,444.87	\$ 4,544.61	\$ 5,844.61	-15.80%	-31.05%	4.29%
2010	14.82%	0.13%	8.46%	\$ 163,441.94	\$ 4,929.00	\$ 5,796.96	14.69%	6.36%	4.31%
2011	7.07%	0.03%	16.04%	\$ 166,818.28	\$ 5,329.00	\$ 6,726.52	2.04%	-13.97%	4.10%
2012	11.82%	0.05%	2.97%	\$ 193,119.24	\$ 5,789.00	\$ 6,926.40	15.78%	-12.85%	4.20%
2013	31.15%	0.07%	-9.10%	\$ 181,241.24	\$ 6,169.00	\$ 5,441.40	10.21%	7.35%	3.91%

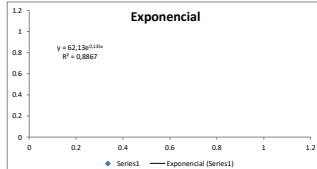
Arithmetic Average			Risk Premium		
1925-2013	11.21%	3.58%	Stocks - T-Bills	Stocks - T-Bonds	
			7.55%	8.86%	

CDS - Bloomberg

Date	CD2893 Colombia USD 5e CDS Curve 11/12/14
0.5	33.36 0.13%
1	44.75 0.45%
2	68.54 0.69%
3	91.14 0.93%
4	120.16 1.20%
5	150.23 1.50%
7	193.25 1.93%
10	238.36 2.38%

	R2	X	CDS
Exponential	0.88670	25	
Logarítmica	0.885	25	
Lineal	0.93005	25	
Polinómica	0.9632	25	
Potencia	0.9734	39.23	0.6153

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Tasas de captación semanales - DTF, CDT 180 días, CDT 360 días y TCC



Serie histórica

Información disponible a partir de enero de 1984 para DTF y TCC, y para CDT 180 y CDT 360 desde julio de 1993

PROMEDIO 10 AÑOS

Vigencia desde	Vigencia hasta	Tasa de interés - efectiva anual			
		DTF	CDT 180	CDT 360	TCC
27/12/2010	02/01/2011	3.47%	3.89%	4.22%	2.96%
20/12/2010	26/12/2010	3.46%	3.87%	4.21%	2.78%
13/12/2010	19/12/2010	3.56%	3.90%	4.16%	3.63%
06/12/2010	12/12/2010	3.46%	3.89%	4.14%	3.61%
29/11/2010	05/12/2010	3.40%	3.85%	4.12%	2.78%
22/11/2010	28/11/2010	3.43%	3.87%	4.18%	2.78%
15/11/2010	21/11/2010	3.49%	3.87%	4.27%	2.78%
08/11/2010	14/11/2010	3.51%	3.87%	4.25%	2.78%
01/11/2010	07/11/2010	3.46%	3.85%	4.28%	3.45%
25/10/2010	31/10/2010	3.43%	3.91%	4.26%	3.70%
18/10/2010	24/10/2010	3.44%	3.87%	4.22%	2.91%
11/10/2010	17/10/2010	3.41%	3.88%	4.29%	2.82%
04/10/2010	10/10/2010	3.39%	3.87%	4.30%	3.59%
27/09/2010	03/10/2010	3.50%	3.86%	4.25%	3.64%
20/09/2010	26/09/2010	3.46%	3.91%	4.14%	3.63%
13/09/2010	19/09/2010	3.52%	3.88%	4.24%	3.16%
06/09/2010	12/09/2010	3.46%	3.96%	4.17%	2.78%
30/08/2010	05/09/2010	3.48%	3.89%	4.39%	3.38%
23/08/2010	29/08/2010	3.45%	3.93%	4.23%	3.27%
16/08/2010	22/08/2010	3.58%	4.05%	4.26%	3.70%
09/08/2010	15/08/2010	3.48%	3.89%	4.25%	3.69%
02/08/2010	08/08/2010	3.55%	3.98%	4.28%	2.78%
26/07/2010	01/08/2010	3.48%	3.93%	4.22%	3.69%
19/07/2010	25/07/2010	3.54%	3.88%	4.28%	3.28%
12/07/2010	18/07/2010	3.52%	3.92%	4.29%	2.79%
05/07/2010	11/07/2010	3.42%	3.89%	4.17%	3.27%
28/06/2010	04/07/2010	3.50%	3.90%	4.40%	3.06%
21/06/2010	27/06/2010	3.58%	3.91%	4.33%	2.78%
14/06/2010	20/06/2010	3.55%	3.93%	4.39%	3.66%
07/06/2010	13/06/2010	3.56%	3.98%	4.18%	3.67%
31/05/2010	06/06/2010	3.55%	3.96%	4.34%	3.49%
24/05/2010	30/05/2010	3.62%	4.00%	4.62%	3.70%
17/05/2010	23/05/2010	3.71%	4.04%	4.55%	3.71%
10/05/2010	16/05/2010	3.77%	4.08%	4.50%	3.71%
03/05/2010	09/05/2010	4.00%	4.25%	4.48%	3.69%
26/04/2010	02/05/2010	3.89%	4.26%	4.58%	3.96%
19/04/2010	25/04/2010	3.91%	4.30%	4.59%	3.86%
12/04/2010	18/04/2010	3.86%	4.22%	4.67%	3.30%
05/04/2010	11/04/2010	3.90%	4.24%	4.75%	3.49%
29/03/2010	04/04/2010	4.04%	4.20%	4.61%	3.90%
22/03/2010	28/03/2010	3.84%	4.25%	4.73%	3.86%
15/03/2010	21/03/2010	3.89%	4.38%	4.65%	4.00%
08/03/2010	14/03/2010	3.98%	4.37%	4.75%	4.36%
01/03/2010	07/03/2010	4.02%	4.29%	4.81%	3.29%
22/02/2010	28/02/2010	3.96%	4.31%	4.66%	4.04%
15/02/2010	21/02/2010	4.03%	4.43%	4.84%	3.29%
08/02/2010	14/02/2010	4.02%	4.38%	4.84%	3.29%
01/02/2010	07/02/2010	4.10%	4.44%	4.84%	3.29%
25/01/2010	31/01/2010	4.10%	4.38%	4.77%	4.08%
18/01/2010	24/01/2010	3.98%	4.46%	4.72%	3.86%
11/01/2010	17/01/2010	4.00%	4.37%	4.60%	3.77%
04/01/2010	10/01/2010	3.92%	4.42%	4.94%	4.31%

28/12/2009	03/01/2010	4.11%	4.38%	4.90%	4.00%
21/12/2009	27/12/2009	4.14%	4.37%	4.60%	3.77%
14/12/2009	20/12/2009	4.25%	4.49%	4.59%	3.66%
07/12/2009	13/12/2009	4.21%	4.64%	4.82%	3.75%
30/11/2009	06/12/2009	4.35%	4.65%	4.84%	3.44%
23/11/2009	29/11/2009	4.47%	4.80%	5.17%	3.54%
16/11/2009	22/11/2009	4.47%	4.87%	4.91%	4.66%
09/11/2009	15/11/2009	4.33%	4.95%	4.98%	4.05%
02/11/2009	08/11/2009	4.35%	4.88%	5.00%	4.71%
26/10/2009	01/11/2009	4.45%	4.95%	5.10%	4.55%
19/10/2009	25/10/2009	4.40%	5.06%	5.35%	4.82%
12/10/2009	18/10/2009	4.47%	5.02%	5.10%	4.31%
05/10/2009	11/10/2009	4.75%	5.12%	5.40%	4.31%
28/09/2009	04/10/2009	4.77%	5.34%	5.64%	4.83%
21/09/2009	27/09/2009	4.94%	5.25%	5.67%	5.22%
14/09/2009	20/09/2009	4.99%	5.40%	5.71%	5.02%
07/09/2009	13/09/2009	4.94%	5.37%	5.31%	4.56%
31/08/2009	06/09/2009	5.02%	5.45%	5.90%	4.56%
24/08/2009	30/08/2009	5.10%	5.46%	5.53%	4.56%
17/08/2009	23/08/2009	5.13%	5.43%	5.37%	4.56%
10/08/2009	16/08/2009	5.04%	5.54%	5.52%	4.62%
03/08/2009	09/08/2009	5.06%	5.66%	5.65%	5.66%
27/07/2009	02/08/2009	5.24%	5.51%	5.78%	4.56%
20/07/2009	26/07/2009	5.11%	5.60%	5.85%	5.49%
13/07/2009	19/07/2009	5.19%	5.77%	5.88%	5.04%
06/07/2009	12/07/2009	5.32%	5.79%	5.74%	4.56%
29/06/2009	05/07/2009	5.40%	6.07%	5.67%	5.80%
22/06/2009	28/06/2009	5.54%	6.04%	6.14%	5.75%
15/06/2009	21/06/2009	5.46%	6.23%	6.21%	6.04%
08/06/2009	14/06/2009	5.70%	6.46%	6.31%	5.64%
01/06/2009	07/06/2009	6.10%	6.81%	6.77%	5.57%
25/05/2009	31/05/2009	6.11%	6.75%	7.21%	6.61%
18/05/2009	24/05/2009	6.29%	6.91%	7.25%	6.59%
11/05/2009	17/05/2009	6.58%	7.44%	8.43%	5.99%
04/05/2009	10/05/2009	7.09%	7.41%	7.71%	7.25%
27/04/2009	03/05/2009	6.87%	7.46%	7.71%	7.51%
20/04/2009	26/04/2009	7.15%	7.59%	7.92%	7.44%
13/04/2009	19/04/2009	7.33%	7.60%	7.51%	7.45%
06/04/2009	12/04/2009	7.91%	7.78%	8.41%	6.59%
30/03/2009	05/04/2009	7.68%	8.06%	8.46%	7.91%
23/03/2009	29/03/2009	8.13%	8.90%	8.94%	6.59%
16/03/2009	22/03/2009	8.34%	8.87%	8.69%	6.59%
09/03/2009	15/03/2009	8.59%	9.14%	9.11%	9.08%
02/03/2009	08/03/2009	8.86%	9.34%	9.65%	8.66%
23/02/2009	01/03/2009	9.02%	9.50%	9.58%	6.59%
16/02/2009	22/02/2009	8.94%	9.60%	9.81%	6.59%
09/02/2009	15/02/2009	9.43%	9.71%	10.05%	6.59%
02/02/2009	08/02/2009	9.56%	10.06%	10.28%	9.63%
26/01/2009	01/02/2009	9.79%	9.98%	10.53%	10.22%
19/01/2009	25/01/2009	9.62%	10.11%	10.43%	6.59%
12/01/2009	18/01/2009	9.73%	10.02%	10.33%	6.59%
05/01/2009	11/01/2009	9.73%	10.16%	10.65%	
29/12/2008	04/01/2009	9.82%	10.09%	10.92%	6.59%
22/12/2008	28/12/2008	10.33%	10.58%	10.92%	6.59%
15/12/2008	21/12/2008	10.19%	10.54%	11.26%	
08/12/2008	14/12/2008	10.20%	10.35%	11.11%	
01/12/2008	07/12/2008	10.27%	9.96%	10.64%	9.25%
24/11/2008	30/11/2008	9.96%	10.39%	10.34%	
17/11/2008	23/11/2008	10.02%	10.13%	10.25%	9.30%
10/11/2008	16/11/2008	10.16%	10.30%	9.90%	

03/11/2008	09/11/2008	10.07%	10.10%	10.35%	6.70%
27/10/2008	02/11/2008	10.20%	10.54%	9.93%	8.50%
20/10/2008	26/10/2008	10.03%	9.88%	9.11%	
13/10/2008	19/10/2008	9.85%	10.02%	9.38%	
06/10/2008	12/10/2008	9.32%	10.30%	10.00%	10.00%
29/09/2008	05/10/2008	9.61%	10.13%	10.82%	
22/09/2008	28/09/2008	10.05%	10.08%	10.78%	8.80%
15/09/2008	21/09/2008	10.10%	10.28%	10.24%	3.50%
08/09/2008	14/09/2008	9.87%	9.96%	10.48%	3.02%
01/09/2008	07/09/2008	10.21%	9.77%	10.76%	5.67%
25/08/2008	31/08/2008	9.89%	9.69%	10.56%	
18/08/2008	24/08/2008	9.81%	9.82%	10.22%	8.24%
11/08/2008	17/08/2008	9.89%	9.87%	9.94%	6.50%
04/08/2008	10/08/2008	9.73%	10.04%	9.14%	6.50%
28/07/2008	03/08/2008	9.61%	9.67%	9.41%	6.50%
21/07/2008	27/07/2008	9.63%	9.38%	9.84%	6.50%
14/07/2008	20/07/2008	9.65%	9.39%	9.22%	7.32%
07/07/2008	13/07/2008	9.25%	9.07%	8.36%	6.50%
30/06/2008	06/07/2008	9.80%	9.42%	9.24%	6.50%
23/06/2008	29/06/2008	9.92%	9.87%	8.51%	8.51%
16/06/2008	22/06/2008	9.80%	10.10%	9.68%	3.00%
09/06/2008	15/06/2008	9.21%	9.82%	8.64%	
02/06/2008	08/06/2008	9.81%	9.45%	8.68%	6.50%
26/05/2008	01/06/2008	9.49%	9.60%	9.14%	
19/05/2008	25/05/2008	9.73%	9.60%	9.82%	
12/05/2008	18/05/2008	9.25%	9.69%	9.63%	8.91%
05/05/2008	11/05/2008	9.83%	9.80%	10.32%	3.39%
28/04/2008	04/05/2008	9.75%	9.98%	9.34%	8.08%
21/04/2008	27/04/2008	9.61%	9.74%	10.77%	6.35%
14/04/2008	20/04/2008	9.80%	9.80%	10.33%	6.76%
07/04/2008	13/04/2008	9.74%	9.48%	10.49%	10.74%
31/03/2008	06/04/2008	9.82%	9.56%	9.44%	7.83%
24/03/2008	30/03/2008	9.53%	9.03%	9.63%	
17/03/2008	23/03/2008	9.74%	9.35%	9.52%	
10/03/2008	16/03/2008	9.21%	9.22%	9.45%	6.50%
03/03/2008	09/03/2008	9.63%	9.37%	8.99%	3.50%
25/02/2008	02/03/2008	9.32%	8.93%	8.92%	
18/02/2008	24/02/2008	9.28%	9.06%	9.72%	8.50%
11/02/2008	17/02/2008	8.54%	9.09%	9.04%	
04/02/2008	10/02/2008	9.21%	9.14%	9.90%	6.52%
28/01/2008	03/02/2008	9.26%	8.87%	8.96%	8.08%
21/01/2008	27/01/2008	8.97%	8.83%	8.87%	
14/01/2008	20/01/2008	9.05%	8.60%	8.96%	3.50%
07/01/2008	13/01/2008	8.95%	9.03%	8.88%	
31/12/2007	06/01/2008	9.15%	8.85%	9.02%	6.87%
24/12/2007	30/12/2007	9.01%	8.84%	8.46%	3.50%
17/12/2007	23/12/2007	8.90%	8.85%	9.66%	
10/12/2007	16/12/2007	8.69%	8.89%	8.74%	8.50%
03/12/2007	09/12/2007	8.65%	8.97%	9.16%	3.50%
26/11/2007	02/12/2007	8.56%	8.98%	8.89%	
19/11/2007	25/11/2007	8.83%	9.27%	9.18%	5.34%
12/11/2007	18/11/2007	8.65%	9.08%	8.72%	
05/11/2007	11/11/2007	8.69%	8.74%	7.70%	6.50%
29/10/2007	04/11/2007	8.84%	8.86%	7.90%	8.08%
22/10/2007	28/10/2007	8.69%	8.94%	8.87%	4.69%
15/10/2007	21/10/2007	8.31%	8.71%	8.72%	
08/10/2007	14/10/2007	8.42%	8.64%	9.39%	
01/10/2007	07/10/2007	8.77%	8.59%	8.81%	6.88%
24/09/2007	30/09/2007	8.88%	9.05%	8.55%	3.50%
17/09/2007	23/09/2007	8.90%	8.89%	8.88%	

10/09/2007	16/09/2007	8.96%	8.51%	8.34%	8.35%
03/09/2007	09/09/2007	8.53%	8.39%	8.86%	3.50%
27/08/2007	02/09/2007	8.43%	8.26%	8.62%	
20/08/2007	26/08/2007	8.44%	8.48%	8.63%	
13/08/2007	19/08/2007	8.78%	8.23%	8.65%	
06/08/2007	12/08/2007	8.23%	8.28%	9.02%	6.06%
30/07/2007	05/08/2007	8.38%	7.86%	8.17%	7.80%
23/07/2007	29/07/2007	8.19%	7.75%	8.44%	
16/07/2007	22/07/2007	8.35%	7.65%	8.01%	
09/07/2007	15/07/2007	8.16%	7.44%	7.18%	
02/07/2007	08/07/2007	8.38%	7.63%	7.03%	6.20%
25/06/2007	01/07/2007	7.93%	7.75%	7.19%	
18/06/2007	24/06/2007	7.98%	7.87%	8.84%	5.30%
11/06/2007	17/06/2007	7.60%	7.63%	8.27%	
04/06/2007	10/06/2007	7.78%	7.80%	8.39%	3.64%
28/05/2007	03/06/2007	7.73%	7.68%	7.06%	5.60%
21/05/2007	27/05/2007	7.61%	7.70%	6.55%	8.67%
14/05/2007	20/05/2007	7.36%	7.51%	6.61%	5.60%
07/05/2007	13/05/2007	7.62%	7.47%	7.49%	6.08%
30/04/2007	06/05/2007	7.43%	7.52%	7.64%	6.70%
23/04/2007	29/04/2007	7.50%	7.68%	7.83%	6.70%
16/04/2007	22/04/2007	7.39%	7.51%	7.66%	
09/04/2007	15/04/2007	7.37%	7.41%	8.03%	
02/04/2007	08/04/2007	7.44%	7.45%	8.22%	5.89%
26/03/2007	01/04/2007	7.60%	7.62%	7.68%	6.50%
19/03/2007	25/03/2007	7.66%	7.50%	8.54%	
12/03/2007	18/03/2007	7.28%	7.28%	7.83%	7.11%
05/03/2007	11/03/2007	7.10%	7.19%	7.74%	6.95%
26/02/2007	04/03/2007	6.66%	6.98%	8.13%	6.50%
19/02/2007	25/02/2007	6.94%	7.12%	7.74%	6.50%
12/02/2007	18/02/2007	6.60%	7.03%	7.54%	6.85%
05/02/2007	11/02/2007	6.90%	7.29%	7.67%	
29/01/2007	04/02/2007	6.82%	7.19%	7.43%	6.65%
22/01/2007	28/01/2007	6.81%	7.06%	7.49%	
15/01/2007	21/01/2007	6.71%	7.05%	7.15%	6.80%
08/01/2007	14/01/2007	6.69%	6.87%	7.85%	
01/01/2007	07/01/2007	6.76%	7.27%	7.53%	6.60%
25/12/2006	31/12/2006	6.82%	7.10%	7.83%	6.67%
18/12/2006	24/12/2006	6.83%	7.18%	7.46%	6.88%
11/12/2006	17/12/2006	6.52%	7.14%	7.08%	6.74%
04/12/2006	10/12/2006	6.47%	7.18%	7.30%	6.70%
27/11/2006	03/12/2006	6.70%	7.00%	7.55%	6.63%
20/11/2006	26/11/2006	6.77%	7.23%	6.86%	6.71%
13/11/2006	19/11/2006	6.70%	7.25%	6.36%	6.67%
06/11/2006	12/11/2006	6.49%	7.46%	6.41%	6.77%
30/10/2006	05/11/2006	6.68%	7.07%	5.95%	6.74%
23/10/2006	29/10/2006	6.43%	7.00%	5.77%	6.69%
16/10/2006	22/10/2006	6.23%	7.00%	5.55%	6.69%
09/10/2006	15/10/2006	6.22%	6.85%	6.85%	7.14%
02/10/2006	08/10/2006	6.29%	6.83%	7.65%	6.72%
25/09/2006	01/10/2006	6.53%	7.04%	7.36%	6.89%
18/09/2006	24/09/2006	6.32%	6.87%	7.31%	6.65%
11/09/2006	17/09/2006	6.50%	6.85%	6.96%	6.76%
04/09/2006	10/09/2006	6.27%	6.72%	7.21%	6.67%
28/08/2006	03/09/2006	6.16%	6.80%	7.45%	6.74%
21/08/2006	27/08/2006	6.46%	6.80%	7.15%	6.78%
14/08/2006	20/08/2006	6.45%	6.83%	6.92%	6.75%
07/08/2006	13/08/2006	6.48%	6.73%	6.63%	6.90%
31/07/2006	06/08/2006	6.74%	6.96%	6.58%	7.04%
24/07/2006	30/07/2006	6.35%	6.58%	6.54%	6.64%

17/07/2006	23/07/2006	6.45%	6.56%	6.68%	6.64%
10/07/2006	16/07/2006	6.17%	6.50%	6.19%	6.62%
03/07/2006	09/07/2006	6.18%	6.60%	5.91%	6.53%
26/06/2006	02/07/2006	6.14%	6.58%	6.07%	6.57%
19/06/2006	25/06/2006	6.13%	6.60%	5.66%	6.51%
12/06/2006	18/06/2006	6.01%	6.72%	6.15%	6.79%
05/06/2006	11/06/2006	6.07%	6.63%	6.11%	6.50%
29/05/2006	04/06/2006	5.98%	6.49%	6.53%	6.49%
22/05/2006	28/05/2006	5.95%	6.49%	5.81%	6.68%
15/05/2006	21/05/2006	5.99%	6.43%	6.18%	6.44%
08/05/2006	14/05/2006	5.91%	6.46%	6.49%	6.50%
01/05/2006	07/05/2006	5.96%	6.43%	6.89%	6.54%
24/04/2006	30/04/2006	5.89%	6.48%	6.85%	5.89%
17/04/2006	23/04/2006	5.88%	6.53%	7.00%	5.88%
10/04/2006	16/04/2006	5.93%	6.55%	6.55%	5.93%
03/04/2006	09/04/2006	5.99%	6.52%	6.99%	6.64%
27/03/2006	02/04/2006	5.92%	6.47%	6.83%	6.74%
20/03/2006	26/03/2006	5.99%	6.42%	6.99%	6.57%
13/03/2006	19/03/2006	5.96%	6.49%	7.03%	6.92%
06/03/2006	12/03/2006	5.98%	6.63%	6.83%	6.53%
27/02/2006	05/03/2006	5.98%	6.54%	6.89%	6.53%
20/02/2006	26/02/2006	6.06%	6.48%	6.88%	6.54%
13/02/2006	19/02/2006	6.07%	6.68%	6.65%	6.54%
06/02/2006	12/02/2006	6.05%	6.65%	6.97%	6.68%
30/01/2006	05/02/2006	6.09%	6.72%	7.11%	6.60%
23/01/2006	29/01/2006	6.12%	6.80%	6.80%	6.69%
16/01/2006	22/01/2006	6.20%	6.88%	7.02%	6.72%
09/01/2006	15/01/2006	6.23%	6.87%	7.19%	6.63%
02/01/2006	08/01/2006	6.19%	6.97%	7.26%	6.74%
26/12/2005	01/01/2006	6.31%	7.09%	7.55%	6.78%
19/12/2005	25/12/2005	6.35%	7.15%	7.11%	6.90%
12/12/2005	18/12/2005	6.39%	6.91%	6.99%	6.67%
05/12/2005	11/12/2005	6.33%	6.88%	6.80%	6.75%
28/11/2005	04/12/2005	6.39%	7.06%	7.20%	6.91%
21/11/2005	27/11/2005	6.44%	7.09%	6.99%	6.77%
14/11/2005	20/11/2005	6.49%	7.13%	7.05%	6.95%
07/11/2005	13/11/2005	6.45%	7.09%	6.80%	6.70%
31/10/2005	06/11/2005	6.46%	7.08%	6.20%	6.79%
24/10/2005	30/10/2005	6.45%	7.12%	6.10%	6.94%
17/10/2005	23/10/2005	6.51%	7.24%	6.70%	6.99%
10/10/2005	16/10/2005	6.52%	7.05%	6.86%	6.99%
03/10/2005	09/10/2005	6.76%	7.37%	7.65%	7.07%
26/09/2005	02/10/2005	6.82%	7.36%	7.38%	7.17%
19/09/2005	25/09/2005	6.88%	7.46%	7.57%	7.16%
12/09/2005	18/09/2005	6.86%	7.46%	7.72%	7.35%
05/09/2005	11/09/2005	6.96%	7.42%	7.65%	7.30%
29/08/2005	04/09/2005	6.94%	7.50%	7.98%	7.22%
22/08/2005	28/08/2005	6.99%	7.48%	7.65%	7.21%
15/08/2005	21/08/2005	7.01%	7.53%	7.65%	7.27%
08/08/2005	14/08/2005	7.03%	7.54%	7.65%	7.49%
01/08/2005	07/08/2005	7.12%	7.49%	7.51%	7.42%
25/07/2005	31/07/2005	7.14%	7.58%	7.43%	7.55%
18/07/2005	24/07/2005	7.05%	7.59%	7.62%	7.63%
11/07/2005	17/07/2005	7.07%	7.59%	7.77%	7.59%
04/07/2005	10/07/2005	7.11%	7.64%	7.24%	7.57%
27/06/2005	03/07/2005	7.18%	7.73%	7.19%	7.59%
20/06/2005	26/06/2005	7.21%	7.79%	6.72%	7.76%
13/06/2005	19/06/2005	7.21%	7.69%	6.88%	7.72%
06/06/2005	12/06/2005	7.18%	7.67%	8.00%	7.64%
30/05/2005	05/06/2005	7.12%	7.75%	8.00%	7.75%

23/05/2005	29/05/2005	7.17%	7.76%	8.17%	7.71%
16/05/2005	22/05/2005	7.17%	7.87%	8.08%	7.76%
09/05/2005	15/05/2005	7.28%	7.81%	7.99%	7.83%
02/05/2005	08/05/2005	7.32%	7.77%	7.83%	7.58%
25/04/2005	01/05/2005	7.26%	7.81%	8.30%	7.88%
18/04/2005	24/04/2005	7.25%	7.86%	7.89%	7.78%
11/04/2005	17/04/2005	7.32%	7.91%	7.93%	7.94%
04/04/2005	10/04/2005	7.29%	7.96%	8.09%	7.87%
28/03/2005	03/04/2005	7.44%	8.01%	8.01%	7.97%
21/03/2005	27/03/2005	7.36%	7.94%	7.94%	7.93%
14/03/2005	20/03/2005	7.34%	7.98%	8.32%	7.96%
07/03/2005	13/03/2005	7.37%	7.93%	8.52%	7.89%
28/02/2005	06/03/2005	7.42%	7.95%	8.69%	7.92%
21/02/2005	27/02/2005	7.38%	8.01%	8.50%	7.97%
14/02/2005	20/02/2005	7.38%	8.00%	8.72%	7.80%
07/02/2005	13/02/2005	7.50%	8.09%	8.55%	7.90%
31/01/2005	06/02/2005	7.64%	8.27%	8.94%	7.90%
24/01/2005	30/01/2005	7.64%	8.16%	8.45%	8.15%
17/01/2005	23/01/2005	7.79%	8.38%	8.96%	8.23%
10/01/2005	16/01/2005	7.70%	8.26%	8.44%	8.18%
03/01/2005	09/01/2005	7.73%	8.45%	8.61%	8.11%
27/12/2004	02/01/2005	7.71%	8.45%	8.90%	8.13%
20/12/2004	26/12/2004	7.73%	8.52%	8.88%	8.37%
13/12/2004	19/12/2004	7.79%	8.39%	8.79%	8.49%
06/12/2004	12/12/2004	7.76%	8.42%	8.81%	8.42%
29/11/2004	05/12/2004	7.68%	8.48%	9.20%	8.38%
22/11/2004	28/11/2004	7.68%	8.51%	8.29%	8.18%
15/11/2004	21/11/2004	7.69%	8.29%	8.02%	8.33%
08/11/2004	14/11/2004	7.67%	8.43%	8.29%	8.23%
01/11/2004	07/11/2004	7.68%	8.41%	7.45%	8.29%
25/10/2004	31/10/2004	7.72%	8.45%	7.14%	8.24%
18/10/2004	24/10/2004	7.70%	8.32%	7.44%	8.23%
11/10/2004	17/10/2004	7.61%	8.39%	7.70%	8.31%
04/10/2004	10/10/2004	7.66%	8.31%	8.50%	8.52%
27/09/2004	03/10/2004	7.72%	8.30%	8.35%	8.34%
20/09/2004	26/09/2004	7.72%	8.37%	8.52%	8.33%
13/09/2004	19/09/2004	7.77%	8.36%	8.85%	8.42%
06/09/2004	12/09/2004	7.80%	8.15%	8.76%	8.40%
30/08/2004	05/09/2004	7.80%	8.37%	8.52%	8.44%
23/08/2004	29/08/2004	7.78%	8.26%	8.50%	8.30%
16/08/2004	22/08/2004	7.75%	8.28%	8.43%	8.41%
09/08/2004	15/08/2004	7.73%	8.23%	8.94%	8.42%
02/08/2004	08/08/2004	7.87%	8.31%	7.95%	8.59%
26/07/2004	01/08/2004	7.79%	8.44%	7.33%	8.50%
19/07/2004	25/07/2004	7.91%	8.27%	7.14%	8.79%
12/07/2004	18/07/2004	7.76%	8.50%	7.83%	8.53%
05/07/2004	11/07/2004	7.89%	8.36%	6.71%	8.73%
28/06/2004	04/07/2004	7.81%	8.36%	7.95%	8.55%
21/06/2004	27/06/2004	7.90%	8.62%	7.66%	8.62%
14/06/2004	20/06/2004	7.84%	8.47%	6.84%	8.46%
07/06/2004	13/06/2004	7.73%	8.51%	7.90%	8.51%
31/05/2004	06/06/2004	7.89%	8.55%	9.09%	8.63%
24/05/2004	30/05/2004	7.80%	8.58%	8.54%	8.43%
17/05/2004	23/05/2004	7.76%	8.49%	8.92%	8.61%
10/05/2004	16/05/2004	7.87%	8.53%	8.50%	8.62%
03/05/2004	09/05/2004	7.89%	8.50%	8.70%	8.56%
26/04/2004	02/05/2004	7.75%	8.44%	8.76%	8.65%
19/04/2004	25/04/2004	7.85%	8.56%	8.56%	8.44%
12/04/2004	18/04/2004	7.77%	8.45%	8.38%	8.39%
05/04/2004	11/04/2004	7.69%	8.37%	8.61%	8.46%

29/03/2004	04/04/2004	7.81%	8.31%	8.48%	8.60%
22/03/2004	28/03/2004	7.67%	8.43%	8.86%	8.45%
15/03/2004	21/03/2004	7.71%	8.37%	8.59%	8.35%
08/03/2004	14/03/2004	8.02%	8.54%	8.65%	8.86%
01/03/2004	07/03/2004	7.70%	8.61%	9.00%	8.52%
23/02/2004	29/02/2004	7.76%	8.50%	8.88%	8.61%
16/02/2004	22/02/2004	7.98%	8.55%	8.94%	8.78%
09/02/2004	15/02/2004	7.93%	8.57%	8.86%	8.80%
02/02/2004	08/02/2004	8.01%	8.77%	8.91%	8.62%
26/01/2004	01/02/2004	7.99%	8.53%	8.83%	8.81%
19/01/2004	25/01/2004	7.90%	8.66%	9.12%	8.62%
12/01/2004	18/01/2004	7.99%	8.68%	9.94%	8.53%
05/01/2004	11/01/2004	7.96%	8.51%	8.77%	8.51%
29/12/2003	04/01/2004	7.92%	8.59%	9.02%	8.70%
22/12/2003	28/12/2003	7.88%	8.69%	9.01%	8.71%
15/12/2003	21/12/2003	7.93%	8.71%	8.78%	8.57%
08/12/2003	14/12/2003	8.01%	8.75%	8.87%	8.76%
01/12/2003	07/12/2003	7.94%	8.55%	8.99%	8.61%
24/11/2003	30/11/2003	7.85%	8.65%	8.88%	8.64%
17/11/2003	23/11/2003	7.95%	8.60%	8.60%	8.66%
10/11/2003	16/11/2003	7.96%	8.62%	7.31%	8.69%
03/11/2003	09/11/2003	7.91%	8.58%	7.66%	8.55%
27/10/2003	02/11/2003	7.82%	8.59%	8.43%	8.64%
20/10/2003	26/10/2003	7.84%	8.63%	6.60%	8.53%
13/10/2003	19/10/2003	7.75%	8.36%	8.14%	8.37%
06/10/2003	12/10/2003	7.68%	8.50%	7.66%	8.20%
29/09/2003	05/10/2003	7.77%	8.38%	8.56%	8.43%
22/09/2003	28/09/2003	7.83%	8.52%	8.91%	8.46%
15/09/2003	21/09/2003	7.78%	8.53%	9.34%	8.47%
08/09/2003	14/09/2003	7.79%	8.42%	8.38%	8.54%
01/09/2003	07/09/2003	7.76%	8.31%	8.54%	8.46%
25/08/2003	31/08/2003	7.88%	8.52%	8.76%	8.55%
18/08/2003	24/08/2003	7.87%	8.37%	9.25%	8.49%
11/08/2003	17/08/2003	7.85%	8.44%	8.52%	8.40%
04/08/2003	10/08/2003	7.87%	8.46%	7.93%	8.49%
28/07/2003	03/08/2003	7.83%	8.29%	8.05%	8.32%
21/07/2003	27/07/2003	7.81%	8.34%	8.03%	8.46%
14/07/2003	20/07/2003	7.74%	8.36%	7.87%	8.31%
07/07/2003	13/07/2003	7.80%	8.13%	7.48%	8.43%
30/06/2003	06/07/2003	7.81%	8.37%	7.55%	8.28%
23/06/2003	29/06/2003	7.78%	8.30%	7.57%	8.40%
16/06/2003	22/06/2003	7.77%	8.41%	8.69%	8.42%
09/06/2003	15/06/2003	7.75%	8.41%	8.24%	8.47%
02/06/2003	08/06/2003	7.76%	8.34%	8.50%	8.46%
26/05/2003	01/06/2003	7.81%	8.33%	8.58%	8.47%
19/05/2003	25/05/2003	7.81%	8.26%	8.52%	8.35%
12/05/2003	18/05/2003	7.79%	8.33%	9.18%	8.35%
05/05/2003	11/05/2003	7.76%	8.39%	10.13%	8.11%
28/04/2003	04/05/2003	7.71%	8.37%	8.63%	8.17%
21/04/2003	27/04/2003	7.72%	8.37%	8.64%	8.33%
14/04/2003	20/04/2003	7.68%	8.28%	9.49%	8.12%
07/04/2003	13/04/2003	7.68%	8.30%	8.91%	8.27%
31/03/2003	06/04/2003	7.68%	8.18%	8.33%	8.05%
24/03/2003	30/03/2003	7.80%	8.20%	7.85%	8.06%
17/03/2003	23/03/2003	7.75%	8.16%	8.54%	8.25%
10/03/2003	16/03/2003	7.84%	8.34%	8.67%	8.33%
03/03/2003	09/03/2003	7.77%	8.28%	9.54%	8.19%
24/02/2003	02/03/2003	7.82%	8.24%	8.47%	8.30%
17/02/2003	23/02/2003	7.69%	8.15%	11.49%	8.00%
10/02/2003	16/02/2003	7.75%	8.25%	8.43%	8.28%

03/02/2003	09/02/2003	7.78%	8.35%	8.07%	8.26%
27/01/2003	02/02/2003	7.65%	8.22%	9.34%	8.25%
20/01/2003	26/01/2003	7.60%	8.30%	8.41%	8.16%
13/01/2003	19/01/2003	7.62%	8.41%	8.76%	7.87%
06/01/2003	12/01/2003	7.70%	8.33%	8.55%	8.18%
30/12/2002	05/01/2003	7.70%	8.53%	8.19%	8.24%
23/12/2002	29/12/2002	7.73%	8.47%	8.33%	8.28%
16/12/2002	22/12/2002	7.76%	8.50%	8.09%	8.37%
09/12/2002	15/12/2002	7.72%	8.50%	8.24%	8.27%
02/12/2002	08/12/2002	7.85%	8.61%	8.85%	8.16%
25/11/2002	01/12/2002	7.91%	8.55%	8.11%	8.53%
18/11/2002	24/11/2002	7.93%	8.62%	7.88%	8.26%
11/11/2002	17/11/2002	7.91%	8.58%	7.98%	8.36%
04/11/2002	10/11/2002	7.91%	8.61%	7.28%	8.27%
28/10/2002	03/11/2002	7.90%	8.64%	7.72%	8.19%
21/10/2002	27/10/2002	7.97%	8.67%	7.43%	8.20%
14/10/2002	20/10/2002	7.84%	8.62%	7.78%	8.26%
07/10/2002	13/10/2002	7.77%	8.77%	8.59%	8.24%
30/09/2002	06/10/2002	7.91%	8.82%	8.91%	8.36%
23/09/2002	29/09/2002	7.93%	8.64%	8.86%	8.29%
16/09/2002	22/09/2002	7.96%	8.71%	8.73%	8.48%
09/09/2002	15/09/2002	7.96%	8.60%	8.73%	8.47%
02/09/2002	08/09/2002	7.94%	8.57%	9.02%	8.41%
26/08/2002	01/09/2002	8.00%	8.56%	8.84%	8.46%
19/08/2002	25/08/2002	7.82%	8.44%	8.79%	8.15%
12/08/2002	18/08/2002	7.88%	8.38%	8.77%	8.35%
05/08/2002	11/08/2002	7.73%	8.36%	9.35%	8.07%
29/07/2002	04/08/2002	7.74%	8.51%	8.82%	8.25%
22/07/2002	28/07/2002	7.74%	8.42%	8.69%	8.22%
15/07/2002	21/07/2002	7.99%	8.46%	9.22%	8.40%
08/07/2002	14/07/2002	8.16%	8.47%	9.04%	8.62%
01/07/2002	07/07/2002	8.19%	8.59%	9.22%	8.72%
24/06/2002	30/06/2002	8.21%	8.86%	9.58%	9.58%
17/06/2002	23/06/2002	8.54%	8.92%	9.54%	8.98%
10/06/2002	16/06/2002	8.69%	9.12%	9.52%	9.33%
03/06/2002	09/06/2002	8.82%	9.05%	9.90%	9.31%
27/05/2002	02/06/2002	9.01%	9.33%	9.75%	9.24%
20/05/2002	26/05/2002	9.12%	9.46%	9.84%	9.53%
13/05/2002	19/05/2002	9.24%	9.64%	10.51%	9.65%
06/05/2002	12/05/2002	9.56%	9.97%	10.77%	10.01%
29/04/2002	05/05/2002	9.75%	10.28%	10.48%	10.35%
22/04/2002	28/04/2002	10.02%	10.49%	10.90%	10.75%
15/04/2002	21/04/2002	10.27%	10.71%	11.30%	10.82%
08/04/2002	14/04/2002	10.39%	10.98%	11.11%	10.91%
01/04/2002	07/04/2002	10.41%	11.05%	11.46%	10.85%
25/03/2002	31/03/2002	10.55%	11.06%	11.40%	11.10%
18/03/2002	24/03/2002	10.62%	11.02%	11.49%	11.28%
11/03/2002	17/03/2002	10.75%	11.19%	11.42%	11.52%
04/03/2002	10/03/2002	10.79%	11.39%	11.17%	11.35%
25/02/2002	03/03/2002	10.67%	11.15%	11.42%	11.22%
18/02/2002	24/02/2002	10.82%	11.23%	11.51%	11.12%
11/02/2002	17/02/2002	10.70%	11.52%	11.85%	10.97%
04/02/2002	10/02/2002	10.87%	11.58%	11.91%	11.51%
28/01/2002	03/02/2002	11.15%	11.66%	11.93%	11.76%
21/01/2002	27/01/2002	11.30%	11.62%	11.91%	11.85%
14/01/2002	20/01/2002	11.30%	11.90%	11.87%	11.89%
07/01/2002	13/01/2002	11.47%	11.85%	11.99%	12.12%
31/12/2001	06/01/2002	11.51%	11.86%	11.80%	12.19%
24/12/2001	30/12/2001	11.36%	12.07%	12.28%	12.06%
17/12/2001	23/12/2001	11.31%	11.96%	12.26%	11.92%

10/12/2001	16/12/2001	11.48%	12.00%	12.22%	12.39%
03/12/2001	09/12/2001	11.51%	11.97%	12.37%	12.36%
26/11/2001	02/12/2001	11.44%	11.91%	12.29%	11.95%
19/11/2001	25/11/2001	11.38%	12.01%	11.99%	11.75%
12/11/2001	18/11/2001	11.58%	11.99%	12.18%	11.98%
05/11/2001	11/11/2001	11.44%	12.01%	12.21%	11.70%
29/10/2001	04/11/2001	11.38%	12.08%	12.59%	11.85%
22/10/2001	28/10/2001	11.46%	12.24%	12.45%	12.06%
15/10/2001	21/10/2001	11.54%	12.09%	12.35%	12.21%
08/10/2001	14/10/2001	11.54%	12.47%	12.14%	12.12%
01/10/2001	07/10/2001	11.56%	12.14%	12.94%	12.51%
24/09/2001	30/09/2001	11.89%	12.56%	12.91%	12.49%
17/09/2001	23/09/2001	11.96%	12.48%	12.59%	12.49%
10/09/2001	16/09/2001	12.05%	12.82%	12.68%	12.96%
03/09/2001	09/09/2001	12.07%	12.74%	13.04%	12.84%
27/08/2001	02/09/2001	12.29%	12.79%	13.06%	13.03%
20/08/2001	26/08/2001	12.46%	12.92%	13.36%	12.77%
13/08/2001	19/08/2001	12.46%	12.93%	13.22%	12.84%
06/08/2001	12/08/2001	12.53%	13.01%	13.93%	13.04%
30/07/2001	05/08/2001	12.66%	13.01%	13.75%	13.10%
23/07/2001	29/07/2001	12.76%	13.04%	14.03%	13.39%
16/07/2001	22/07/2001	12.64%	12.98%	13.84%	13.49%
09/07/2001	15/07/2001	12.66%	13.00%	13.61%	13.07%
02/07/2001	08/07/2001	12.75%	12.94%	14.14%	13.08%
25/06/2001	01/07/2001	12.75%	13.09%	14.18%	13.19%
18/06/2001	24/06/2001	12.65%	13.16%	14.71%	13.09%
11/06/2001	17/06/2001	12.64%	13.24%	14.74%	13.03%
04/06/2001	10/06/2001	12.72%	13.20%	13.87%	13.21%
28/05/2001	03/06/2001	12.73%	13.21%	13.92%	13.71%
21/05/2001	27/05/2001	12.69%	12.97%	13.95%	12.96%
14/05/2001	20/05/2001	12.74%	12.97%	13.65%	12.98%
07/05/2001	13/05/2001	12.67%	13.04%	14.85%	13.18%
30/04/2001	06/05/2001	12.71%	12.88%	13.93%	13.15%
23/04/2001	29/04/2001	12.75%	13.20%	14.00%	13.33%
16/04/2001	22/04/2001	12.82%	13.38%	14.01%	13.35%
09/04/2001	15/04/2001	12.77%	13.68%	14.01%	13.53%
02/04/2001	08/04/2001	12.93%	13.47%	14.08%	14.05%
26/03/2001	01/04/2001	12.96%	13.39%	14.23%	13.45%
19/03/2001	25/03/2001	12.96%	13.81%	14.60%	13.55%
12/03/2001	18/03/2001	13.18%	13.77%	15.15%	13.70%
05/03/2001	11/03/2001	13.10%	13.66%	14.23%	13.55%
26/02/2001	04/03/2001	13.29%	13.71%	14.63%	13.75%
19/02/2001	25/02/2001	13.43%	13.60%	14.62%	13.64%
12/02/2001	18/02/2001	13.46%	13.89%	15.11%	13.77%
05/02/2001	11/02/2001	13.37%	13.83%	14.73%	13.54%
29/01/2001	04/02/2001	13.54%	13.91%	15.11%	13.88%
22/01/2001	28/01/2001	13.39%	13.77%	15.47%	13.82%
15/01/2001	21/01/2001	13.53%	13.50%	15.10%	13.93%
08/01/2001	14/01/2001	13.54%	13.95%	14.14%	14.42%
01/01/2001	07/01/2001	13.33%	13.83%	14.71%	13.88%
25/12/2000	31/12/2000	13.35%	14.30%	14.51%	13.80%
18/12/2000	24/12/2000	13.25%	14.21%	14.58%	13.50%
11/12/2000	17/12/2000	13.23%	13.99%	14.66%	13.93%
04/12/2000	10/12/2000	13.10%	13.67%	14.89%	13.54%
27/11/2000	03/12/2000	13.10%	13.65%	14.41%	13.51%
20/11/2000	26/11/2000	13.00%	13.76%	14.61%	13.42%
13/11/2000	19/11/2000	13.00%	13.39%	14.87%	13.22%
06/11/2000	12/11/2000	13.27%	13.36%	14.44%	13.41%
30/10/2000	05/11/2000	12.95%	13.42%	14.08%	13.33%
23/10/2000	29/10/2000	12.83%	13.63%	14.55%	13.30%

16/10/2000	22/10/2000	12.85%	13.60%	14.16%	13.27%
09/10/2000	15/10/2000	12.97%	13.54%	15.18%	13.59%
02/10/2000	08/10/2000	12.87%	13.37%	15.09%	13.42%
25/09/2000	01/10/2000	12.95%	13.30%	14.60%	13.52%
18/09/2000	24/09/2000	13.01%	13.30%	15.02%	13.51%
11/09/2000	17/09/2000	12.92%	13.32%	14.95%	12.96%
04/09/2000	10/09/2000	12.64%	12.96%	13.83%	13.00%
28/08/2000	03/09/2000	12.58%	13.02%	13.80%	13.36%
21/08/2000	27/08/2000	12.48%	13.23%	13.88%	12.81%
14/08/2000	20/08/2000	12.31%	13.16%	13.39%	12.95%
07/08/2000	13/08/2000	12.29%	12.91%	14.00%	12.75%
31/07/2000	06/08/2000	12.30%	13.02%	14.23%	12.84%
24/07/2000	30/07/2000	12.30%	12.87%	13.70%	12.65%
17/07/2000	23/07/2000	11.98%	12.62%	14.19%	12.71%
10/07/2000	16/07/2000	12.27%	12.80%	13.36%	12.53%
03/07/2000	09/07/2000	12.02%	12.63%	13.35%	12.18%
26/06/2000	02/07/2000	11.97%	12.66%	12.83%	12.34%
19/06/2000	25/06/2000	11.98%	12.65%	13.74%	12.22%
12/06/2000	18/06/2000	11.99%	12.71%	13.05%	12.18%
05/06/2000	11/06/2000	11.81%	12.73%	12.51%	12.14%
29/05/2000	04/06/2000	11.82%	12.69%	12.81%	12.57%
22/05/2000	28/05/2000	11.74%	12.63%	13.02%	12.04%
15/05/2000	21/05/2000	11.67%	12.44%	12.66%	12.26%
08/05/2000	14/05/2000	11.58%	12.32%	12.21%	12.08%
01/05/2000	07/05/2000	11.53%	12.47%	13.06%	11.91%
24/04/2000	30/04/2000	11.47%	12.47%	12.28%	11.77%
17/04/2000	23/04/2000	11.28%	12.43%	12.52%	11.73%
10/04/2000	16/04/2000	11.30%	12.38%	12.50%	11.70%
03/04/2000	09/04/2000	11.29%	12.67%	12.93%	11.61%
27/03/2000	02/04/2000	10.98%	11.92%	12.84%	11.62%
20/03/2000	26/03/2000	10.86%	12.04%	11.97%	11.24%
13/03/2000	19/03/2000	10.78%	12.16%	12.36%	11.50%
06/03/2000	12/03/2000	10.43%	11.34%	12.13%	10.98%
28/02/2000	05/03/2000	10.37%	11.19%	12.24%	10.64%
21/02/2000	27/02/2000	10.03%	11.93%	10.94%	10.77%
14/02/2000	20/02/2000	10.00%	11.16%	11.53%	10.78%
07/02/2000	13/02/2000	10.59%	11.66%	12.05%	11.38%
31/01/2000	06/02/2000	10.92%	12.21%	12.91%	11.39%
24/01/2000	30/01/2000	12.15%	13.03%	14.09%	12.88%
17/01/2000	23/01/2000	13.51%	14.35%	15.45%	14.52%
10/01/2000	16/01/2000	14.60%	15.44%	16.03%	15.62%
03/01/2000	09/01/2000	15.39%	16.19%	16.52%	15.70%
27/12/1999	02/01/2000	15.75%	16.81%	17.03%	16.83%
20/12/1999	26/12/1999	16.05%	17.04%	18.53%	16.76%
13/12/1999	19/12/1999	16.71%	18.14%	18.43%	17.17%
06/12/1999	12/12/1999	17.07%	18.33%	18.78%	17.90%
29/11/1999	05/12/1999	17.47%	18.37%	19.26%	17.68%
22/11/1999	28/11/1999	17.94%	18.34%	19.12%	18.18%
15/11/1999	21/11/1999	18.23%	19.11%	20.20%	18.75%
08/11/1999	14/11/1999	18.24%	19.19%	20.67%	18.71%
01/11/1999	07/11/1999	18.10%	19.40%	20.69%	18.63%
25/10/1999	31/10/1999	18.23%	19.94%	21.28%	18.60%
18/10/1999	24/10/1999	18.12%	19.89%	20.44%	18.48%
11/10/1999	17/10/1999	18.25%	19.38%	19.06%	18.22%
04/10/1999	10/10/1999	18.03%	19.82%	18.47%	18.22%
27/09/1999	03/10/1999	17.95%	19.96%	20.33%	17.58%
20/09/1999	26/09/1999	18.08%	19.18%	20.67%	17.92%
13/09/1999	19/09/1999	18.03%	19.66%	21.08%	18.04%
06/09/1999	12/09/1999	18.22%	19.49%	19.71%	17.98%
30/08/1999	05/09/1999	18.39%	19.95%	20.06%	18.08%

23/08/1999	29/08/1999	18.67%	19.89%	20.34%	19.00%
16/08/1999	22/08/1999	19.13%	19.98%	20.66%	19.47%
09/08/1999	15/08/1999	19.25%	19.96%	20.58%	20.05%
02/08/1999	08/08/1999	19.56%	20.13%	20.48%	19.61%
26/07/1999	01/08/1999	19.19%	19.77%	20.59%	18.99%
19/07/1999	25/07/1999	19.11%	19.49%	20.02%	18.75%
12/07/1999	18/07/1999	18.59%	19.82%	19.31%	18.74%
05/07/1999	11/07/1999	18.21%	18.65%	19.13%	18.52%
28/06/1999	04/07/1999	17.79%	18.42%	20.04%	18.08%
21/06/1999	27/06/1999	17.74%	18.30%	19.06%	17.95%
14/06/1999	20/06/1999	17.90%	18.91%	19.88%	17.95%
07/06/1999	13/06/1999	17.80%	18.95%	19.80%	17.79%
31/05/1999	06/06/1999	18.12%	19.43%	19.57%	17.82%
24/05/1999	30/05/1999	18.35%	19.70%	20.06%	18.26%
17/05/1999	23/05/1999	19.22%	20.31%	20.92%	19.04%
10/05/1999	16/05/1999	20.10%	21.61%	20.07%	20.37%
03/05/1999	09/05/1999	21.13%	22.74%	22.34%	20.42%
26/04/1999	02/05/1999	21.89%	23.16%	23.49%	21.84%
19/04/1999	25/04/1999	22.52%	24.36%	24.52%	22.24%
12/04/1999	18/04/1999	23.10%	24.82%	24.55%	23.25%
05/04/1999	11/04/1999	24.06%	25.55%	25.57%	23.76%
29/03/1999	04/04/1999	24.83%	25.54%	25.56%	24.21%
22/03/1999	28/03/1999	24.90%	25.79%	26.44%	24.59%
15/03/1999	21/03/1999	25.17%	26.98%	27.21%	25.32%
08/03/1999	14/03/1999	27.04%	27.94%	29.18%	26.23%
01/03/1999	07/03/1999	28.81%	29.98%	29.68%	27.79%
22/02/1999	28/02/1999	30.14%	31.16%	30.00%	29.40%
15/02/1999	21/02/1999	30.98%	31.60%	30.72%	30.90%
08/02/1999	14/02/1999	31.96%	32.08%	31.81%	31.66%
01/02/1999	07/02/1999	32.61%	33.04%	32.20%	32.26%
25/01/1999	31/01/1999	33.22%	32.67%	31.98%	32.32%
18/01/1999	24/01/1999	33.50%	32.73%	32.16%	32.46%
11/01/1999	17/01/1999	33.77%	33.54%	33.37%	33.12%
04/01/1999	10/01/1999	34.06%	32.80%	34.20%	32.80%
28/12/1998	03/01/1999	34.33%	35.34%	34.79%	34.30%
21/12/1998	27/12/1998	35.56%	36.19%	35.58%	35.87%
14/12/1998	20/12/1998	35.96%	36.23%	33.67%	36.25%
07/12/1998	13/12/1998	36.14%	36.87%	36.48%	36.17%
30/11/1998	06/12/1998	36.30%	37.21%	36.56%	36.40%
23/11/1998	29/11/1998	36.56%	37.00%	32.88%	36.95%
16/11/1998	22/11/1998	36.20%	35.95%	32.82%	36.98%
09/11/1998	15/11/1998	37.17%	37.99%	34.18%	36.88%
02/11/1998	08/11/1998	37.09%	36.41%	33.95%	36.36%
26/10/1998	01/11/1998	36.19%	37.44%	33.55%	36.70%
19/10/1998	25/10/1998	36.76%	36.82%	34.06%	36.67%
12/10/1998	18/10/1998	35.78%	36.23%	35.12%	35.89%
05/10/1998	11/10/1998	35.13%	35.98%	34.14%	35.59%
28/09/1998	04/10/1998	35.98%	37.65%	34.72%	35.90%
21/09/1998	27/09/1998	36.93%	36.49%	33.51%	36.85%
14/09/1998	20/09/1998	34.67%	34.38%	33.12%	34.47%
07/09/1998	13/09/1998	33.69%	34.28%	33.03%	32.97%
31/08/1998	06/09/1998	33.64%	33.52%	34.29%	32.97%
24/08/1998	30/08/1998	33.91%	34.54%	35.38%	33.62%
17/08/1998	23/08/1998	34.33%	34.35%	33.48%	34.60%
10/08/1998	16/08/1998	35.14%	34.55%	33.59%	34.94%
03/08/1998	09/08/1998	35.65%	35.52%	34.75%	35.64%
27/07/1998	02/08/1998	36.11%	36.12%	35.66%	36.97%
20/07/1998	26/07/1998	36.92%	36.34%	36.69%	37.14%
13/07/1998	19/07/1998	37.00%	34.91%	35.94%	36.45%
06/07/1998	12/07/1998	36.53%	33.64%	34.91%	36.73%

29/06/1998	05/07/1998	37.57%	35.17%	33.90%	37.66%
22/06/1998	28/06/1998	37.31%	34.37%	34.94%	37.46%
15/06/1998	21/06/1998	36.68%	34.79%	33.09%	36.85%
08/06/1998	14/06/1998	33.78%	31.66%	31.59%	32.88%
01/06/1998	07/06/1998	31.62%	31.85%	30.84%	30.73%
25/05/1998	31/05/1998	31.93%	31.47%	30.91%	31.63%
18/05/1998	24/05/1998	31.35%	30.54%	32.84%	31.23%
11/05/1998	17/05/1998	31.73%	31.57%	32.37%	30.15%
04/05/1998	10/05/1998	31.03%	30.79%	31.53%	30.03%
27/04/1998	03/05/1998	31.12%	30.16%	29.79%	29.90%
20/04/1998	26/04/1998	30.88%	30.08%	29.22%	30.64%
13/04/1998	19/04/1998	29.13%	29.30%	28.67%	29.45%
06/04/1998	12/04/1998	29.39%	28.94%	28.97%	28.13%
30/03/1998	05/04/1998	28.81%	28.60%	28.12%	27.91%
23/03/1998	29/03/1998	28.30%	28.12%	27.93%	27.72%
16/03/1998	22/03/1998	27.76%	26.92%	27.80%	27.22%
09/03/1998	15/03/1998	27.06%	27.59%	27.35%	25.29%
02/03/1998	08/03/1998	25.45%	26.20%	25.59%	24.01%
23/02/1998	01/03/1998	25.22%	25.38%	25.46%	24.33%
16/02/1998	22/02/1998	24.79%	25.49%	24.95%	24.44%
09/02/1998	15/02/1998	24.58%	25.02%	24.80%	23.61%
02/02/1998	08/02/1998	24.66%	25.09%	25.52%	23.82%
26/01/1998	01/02/1998	24.57%	25.07%	25.45%	24.06%
19/01/1998	25/01/1998	24.73%	24.93%	24.61%	24.36%
12/01/1998	18/01/1998	24.35%	24.84%	25.47%	24.08%
05/01/1998	11/01/1998	24.32%	25.01%	25.09%	24.05%
29/12/1997	04/01/1998	24.28%	24.93%	25.47%	24.29%
22/12/1997	28/12/1997	24.39%	24.95%	25.66%	24.19%
15/12/1997	21/12/1997	24.46%	24.87%	25.51%	24.15%
08/12/1997	14/12/1997	24.12%	24.56%	25.30%	23.85%
01/12/1997	07/12/1997	24.09%	24.62%	25.29%	23.64%
24/11/1997	30/11/1997	24.01%	24.38%	25.45%	23.42%
17/11/1997	23/11/1997	23.93%	24.17%	24.72%	23.48%
10/11/1997	16/11/1997	24.02%	24.20%	24.18%	23.26%
03/11/1997	09/11/1997	23.54%	24.08%	24.06%	22.99%
27/10/1997	02/11/1997	23.35%	23.80%	23.88%	23.04%
20/10/1997	26/10/1997	22.95%	23.79%	24.25%	22.63%
13/10/1997	19/10/1997	22.90%	23.62%	23.74%	22.65%
06/10/1997	12/10/1997	22.87%	23.62%	23.85%	22.72%
29/09/1997	05/10/1997	22.87%	23.72%	23.74%	22.75%
22/09/1997	28/09/1997	22.83%	23.63%	24.15%	22.84%
15/09/1997	21/09/1997	22.84%	23.73%	23.93%	22.77%
08/09/1997	14/09/1997	22.94%	23.59%	25.12%	22.83%
01/09/1997	07/09/1997	23.07%	23.45%	25.13%	22.50%
25/08/1997	31/08/1997	23.01%	23.46%	24.03%	22.66%
18/08/1997	24/08/1997	22.89%	23.43%	24.00%	22.18%
11/08/1997	17/08/1997	22.97%	23.48%	24.22%	22.21%
04/08/1997	10/08/1997	22.96%	23.52%	23.87%	22.19%
28/07/1997	03/08/1997	23.08%	23.78%	24.72%	22.19%
21/07/1997	27/07/1997	23.21%	23.74%	24.54%	22.59%
14/07/1997	20/07/1997	23.36%	23.61%	24.81%	22.45%
07/07/1997	13/07/1997	23.30%	23.74%	24.52%	22.20%
30/06/1997	06/07/1997	23.21%	23.85%	24.38%	22.61%
23/06/1997	29/06/1997	23.10%	23.91%	24.18%	22.35%
16/06/1997	22/06/1997	23.31%	23.84%	24.24%	22.63%
09/06/1997	15/06/1997	23.27%	23.79%	24.50%	22.81%
02/06/1997	08/06/1997	23.28%	24.16%	23.66%	22.82%
26/05/1997	01/06/1997	23.45%	23.96%	24.80%	23.07%
19/05/1997	25/05/1997	23.60%	24.09%	25.17%	23.30%
12/05/1997	18/05/1997	24.03%	24.73%	24.92%	23.80%

05/05/1997	11/05/1997	24.33%	25.13%	25.40%	24.01%
28/04/1997	04/05/1997	24.51%	25.42%	25.17%	24.24%
21/04/1997	27/04/1997	24.68%	25.50%	25.62%	24.47%
14/04/1997	20/04/1997	24.94%	25.53%	27.42%	24.90%
07/04/1997	13/04/1997	25.21%	25.81%	25.60%	24.97%
31/03/1997	06/04/1997	25.10%	25.71%	25.78%	25.02%
24/03/1997	30/03/1997	25.44%	25.99%	26.36%	25.18%
17/03/1997	23/03/1997	25.53%	26.20%	25.62%	25.15%
10/03/1997	16/03/1997	25.66%	26.21%	27.19%	25.25%
03/03/1997	09/03/1997	25.48%	26.21%	26.92%	25.16%
24/02/1997	02/03/1997	25.25%	26.05%	26.91%	24.98%
17/02/1997	23/02/1997	25.42%	26.16%	26.75%	25.07%
10/02/1997	16/02/1997	25.53%	26.20%	26.33%	25.23%
03/02/1997	09/02/1997	25.78%	26.70%	26.94%	25.50%
27/01/1997	02/02/1997	26.13%	27.32%	29.77%	25.84%
20/01/1997	26/01/1997	26.92%	27.76%	28.33%	26.39%
13/01/1997	19/01/1997	27.22%	28.54%	29.07%	26.73%
06/01/1997	12/01/1997	27.52%	27.98%	29.09%	27.89%
30/12/1996	05/01/1997	27.88%	29.31%	30.04%	27.82%
23/12/1996	29/12/1996	27.99%	29.38%	30.24%	27.97%
16/12/1996	22/12/1996	28.17%	29.68%	30.40%	28.07%
09/12/1996	15/12/1996	28.35%	29.88%	30.33%	28.21%
02/12/1996	08/12/1996	28.60%	30.23%	31.23%	28.29%
25/11/1996	01/12/1996	28.46%	30.28%	31.14%	27.92%
18/11/1996	24/11/1996	28.56%	29.85%	30.94%	28.07%
11/11/1996	17/11/1996	28.55%	30.33%	31.08%	27.93%
04/11/1996	10/11/1996	28.61%	30.00%	32.05%	28.27%
28/10/1996	03/11/1996	28.57%	30.35%	32.06%	27.89%
21/10/1996	27/10/1996	28.79%	30.41%	30.36%	28.06%
14/10/1996	20/10/1996	28.96%	30.49%	30.16%	27.71%
07/10/1996	13/10/1996	28.63%	30.64%	30.60%	27.76%
30/09/1996	06/10/1996	28.02%	30.64%	31.93%	27.80%
23/09/1996	29/09/1996	28.36%	31.07%	31.21%	28.31%
16/09/1996	22/09/1996	28.30%	31.32%	31.32%	28.53%
09/09/1996	15/09/1996	28.98%	31.60%	31.47%	28.88%
02/09/1996	08/09/1996	29.41%	31.65%	31.47%	29.71%
26/08/1996	01/09/1996	29.59%	31.58%	32.51%	30.23%
19/08/1996	25/08/1996	30.80%	32.08%	31.91%	31.06%
12/08/1996	18/08/1996	31.74%	32.33%	32.08%	31.67%
05/08/1996	11/08/1996	32.19%	32.50%	32.81%	31.79%
29/07/1996	04/08/1996	32.50%	32.46%	32.98%	32.13%
22/07/1996	28/07/1996	32.48%	32.31%	32.51%	32.07%
15/07/1996	21/07/1996	32.48%	32.16%	32.47%	32.01%
08/07/1996	14/07/1996	32.39%	33.19%	32.62%	31.97%
01/07/1996	07/07/1996	32.71%	32.31%	33.09%	32.02%
24/06/1996	30/06/1996	32.35%	31.24%	31.25%	31.65%
17/06/1996	23/06/1996	32.00%	32.59%	32.77%	31.36%
10/06/1996	16/06/1996	31.39%	31.74%	32.99%	30.89%
03/06/1996	09/06/1996	31.09%	31.83%	32.39%	31.09%
27/05/1996	02/06/1996	31.53%	32.31%	32.60%	31.61%
20/05/1996	26/05/1996	32.03%	32.87%	32.71%	32.15%
13/05/1996	19/05/1996	32.63%	33.48%	33.59%	32.65%
06/05/1996	12/05/1996	33.18%	33.79%	34.19%	33.10%
29/04/1996	05/05/1996	33.50%	34.01%	34.78%	33.21%
22/04/1996	28/04/1996	33.67%	34.22%	34.35%	33.41%
15/04/1996	21/04/1996	33.68%	34.12%	34.08%	33.53%
08/04/1996	14/04/1996	33.74%	33.43%	33.40%	33.78%
01/04/1996	07/04/1996	33.57%	33.93%	33.19%	33.60%
25/03/1996	31/03/1996	33.48%	33.82%	34.03%	33.64%
18/03/1996	24/03/1996	33.64%	34.17%	34.14%	33.47%

11/03/1996	17/03/1996	33.19%	33.29%	33.64%	33.18%
04/03/1996	10/03/1996	32.95%	33.49%	31.15%	32.85%
26/02/1996	03/03/1996	33.34%	34.08%	33.50%	33.19%
19/02/1996	25/02/1996	32.99%	34.13%	33.66%	33.00%
12/02/1996	18/02/1996	33.07%	34.22%	34.24%	32.22%
05/02/1996	11/02/1996	31.80%	32.52%	31.50%	31.81%
29/01/1996	04/02/1996	31.90%	32.56%	32.72%	31.83%
22/01/1996	28/01/1996	32.27%	32.99%	33.01%	32.19%
15/01/1996	21/01/1996	33.22%	32.75%	32.09%	32.59%
08/01/1996	14/01/1996	33.49%	33.27%	33.92%	32.52%
01/01/1996	07/01/1996	33.50%	33.68%	33.11%	32.81%
25/12/1995	31/12/1995	33.13%	33.39%	34.01%	32.93%
18/12/1995	24/12/1995	34.43%	35.37%	35.33%	34.06%
11/12/1995	17/12/1995	32.13%	33.36%	34.00%	31.72%
04/12/1995	10/12/1995	30.12%	31.50%	31.31%	29.88%
27/11/1995	03/12/1995	29.80%	31.57%	31.61%	29.64%
20/11/1995	26/11/1995	29.39%	31.29%	32.26%	29.42%
13/11/1995	19/11/1995	29.35%	30.91%	30.58%	29.56%
06/11/1995	12/11/1995	29.22%	30.77%	32.16%	29.54%
30/10/1995	05/11/1995	29.12%	30.89%	32.10%	29.61%
23/10/1995	29/10/1995	28.98%	30.78%	30.65%	29.80%
16/10/1995	22/10/1995	29.47%	31.53%	32.39%	29.81%
09/10/1995	15/10/1995	30.13%	31.63%	32.93%	30.23%
02/10/1995	08/10/1995	29.65%	32.72%	32.90%	30.03%
25/09/1995	01/10/1995	29.96%	32.82%	33.24%	30.13%
18/09/1995	24/09/1995	30.43%	31.82%	32.19%	30.53%
11/09/1995	17/09/1995	30.09%	31.28%	31.06%	30.11%
04/09/1995	10/09/1995	28.92%	30.31%	29.65%	29.21%
28/08/1995	03/09/1995	28.68%	29.79%	29.62%	29.17%
21/08/1995	27/08/1995	29.01%	30.61%	30.84%	29.60%
14/08/1995	20/08/1995	29.34%	30.23%	29.50%	29.53%
07/08/1995	13/08/1995	29.63%	29.96%	29.30%	29.81%
31/07/1995	06/08/1995	29.78%	29.90%	30.16%	29.96%
24/07/1995	30/07/1995	30.30%	30.16%	29.88%	30.55%
17/07/1995	23/07/1995	30.20%	30.61%	31.28%	30.59%
10/07/1995	16/07/1995	30.59%	30.49%	31.86%	30.80%
03/07/1995	09/07/1995	31.95%	32.49%	32.41%	31.83%
26/06/1995	02/07/1995	34.23%	34.82%	34.95%	34.09%
19/06/1995	25/06/1995	34.58%	35.00%	35.27%	34.85%
12/06/1995	18/06/1995	34.81%	35.16%	35.60%	34.95%
05/06/1995	11/06/1995	34.55%	35.44%	34.19%	35.05%
29/05/1995	04/06/1995	34.75%	34.21%	35.77%	34.92%
22/05/1995	28/05/1995	34.76%	35.15%	33.44%	34.76%
15/05/1995	21/05/1995	34.97%	35.48%	32.85%	35.68%
08/05/1995	14/05/1995	35.95%	35.65%	33.15%	36.20%
01/05/1995	07/05/1995	36.25%	36.05%	32.86%	36.16%
24/04/1995	30/04/1995	35.55%	35.19%	33.33%	36.40%
17/04/1995	23/04/1995	34.47%	33.94%	32.41%	34.31%
10/04/1995	16/04/1995	34.26%	34.51%	34.01%	34.43%
03/04/1995	09/04/1995	34.80%	34.82%	34.93%	35.03%
27/03/1995	02/04/1995	35.38%	35.23%	34.87%	35.67%
20/03/1995	26/03/1995	36.25%	35.87%	35.68%	35.67%
13/03/1995	19/03/1995	35.40%	35.16%	32.68%	35.52%
06/03/1995	12/03/1995	35.24%	35.37%	34.38%	35.25%
27/02/1995	05/03/1995	35.34%	35.07%	36.61%	35.24%
20/02/1995	26/02/1995	33.76%	33.96%	34.56%	34.61%
13/02/1995	19/02/1995	32.53%	33.28%	30.74%	33.39%
06/02/1995	12/02/1995	31.88%	32.55%	32.53%	32.69%
30/01/1995	05/02/1995	31.92%	32.36%	32.58%	32.50%
23/01/1995	29/01/1995	32.39%	33.06%	32.31%	32.74%

16/01/1995	22/01/1995	33.03%	34.03%	31.03%	34.43%
09/01/1995	15/01/1995	36.94%	35.85%	31.24%	38.08%
02/01/1995	08/01/1995	38.06%	40.00%	35.78%	38.69%
26/12/1994	01/01/1995	38.66%	40.25%	36.34%	39.25%
19/12/1994	25/12/1994	37.77%	38.94%	36.46%	37.73%
12/12/1994	18/12/1994	35.99%	38.03%	35.77%	37.55%
05/12/1994	11/12/1994	37.32%	37.48%	36.98%	37.76%
28/11/1994	04/12/1994	35.62%	37.86%	36.61%	37.09%
21/11/1994	27/11/1994	34.78%	35.95%	36.45%	35.52%
14/11/1994	20/11/1994	34.56%	36.85%	37.08%	35.47%
07/11/1994	13/11/1994	33.90%	35.64%	36.65%	34.80%
31/10/1994	06/11/1994	32.40%	32.97%	35.57%	33.01%
24/10/1994	30/10/1994	32.62%	32.07%	35.48%	32.59%
17/10/1994	23/10/1994	31.03%	32.54%	32.75%	31.71%
10/10/1994	16/10/1994	30.55%	31.91%	32.00%	30.95%
03/10/1994	09/10/1994	30.97%	31.20%	31.52%	31.31%
26/09/1994	02/10/1994	30.69%	31.40%	30.56%	31.20%
19/09/1994	25/09/1994	31.13%	31.38%	33.82%	31.39%
12/09/1994	18/09/1994	31.10%	31.41%	32.20%	31.88%
05/09/1994	11/09/1994	31.78%	31.39%	31.73%	32.11%
29/08/1994	04/09/1994	31.13%	30.57%	33.06%	32.40%
22/08/1994	28/08/1994	29.98%	29.95%	31.93%	31.35%
15/08/1994	21/08/1994	29.32%	28.73%	31.60%	29.59%
08/08/1994	14/08/1994	28.84%	29.21%	28.98%	28.62%
01/08/1994	07/08/1994	28.48%	28.34%	29.79%	28.55%
25/07/1994	31/07/1994	29.22%	29.18%	28.76%	28.86%
18/07/1994	24/07/1994	29.92%	28.84%	32.52%	29.63%
11/07/1994	17/07/1994	30.83%	29.44%	32.18%	30.97%
04/07/1994	10/07/1994	29.02%	29.02%	32.25%	29.18%
27/06/1994	03/07/1994	27.74%	27.97%	29.30%	27.26%
20/06/1994	26/06/1994	26.59%	26.78%	27.59%	26.78%
13/06/1994	19/06/1994	26.17%	26.50%	27.91%	26.29%
06/06/1994	12/06/1994	25.65%	26.47%	27.51%	26.08%
30/05/1994	05/06/1994	26.22%	26.43%	27.47%	26.25%
23/05/1994	29/05/1994	26.45%	26.65%	27.50%	26.16%
16/05/1994	22/05/1994	26.28%	26.55%	27.33%	26.11%
09/05/1994	15/05/1994	25.45%	25.94%	26.94%	25.70%
02/05/1994	08/05/1994	25.20%	25.74%	26.49%	25.32%
25/04/1994	01/05/1994	25.29%	25.43%	25.96%	25.19%
18/04/1994	24/04/1994	25.33%	25.88%	26.05%	25.32%
11/04/1994	17/04/1994	25.10%	25.48%	26.80%	24.84%
04/04/1994	10/04/1994	25.25%	25.62%	26.46%	25.08%
28/03/1994	03/04/1994	25.37%	26.02%	26.68%	25.15%
21/03/1994	27/03/1994	25.48%	26.03%	26.83%	25.34%
14/03/1994	20/03/1994	25.40%	25.96%	26.21%	25.28%
07/03/1994	13/03/1994	25.32%	25.96%	26.89%	25.28%
28/02/1994	06/03/1994	25.23%	25.92%	26.84%	25.13%
21/02/1994	27/02/1994	25.25%	25.97%	26.86%	25.18%
14/02/1994	20/02/1994	25.22%	25.86%	26.29%	25.17%
07/02/1994	13/02/1994	25.26%	26.14%	26.43%	25.32%
31/01/1994	06/02/1994	25.37%	26.16%	26.87%	25.21%
24/01/1994	30/01/1994	25.76%	26.64%	26.85%	25.72%
17/01/1994	23/01/1994	26.68%	27.12%	27.47%	26.74%
10/01/1994	16/01/1994	27.16%	27.24%	25.77%	27.19%
03/01/1994	09/01/1994	26.90%	27.11%	28.63%	27.33%
27/12/1993	02/01/1994	26.67%	27.70%	27.67%	26.52%
20/12/1993	26/12/1993	25.88%	26.66%	27.19%	26.06%
13/12/1993	19/12/1993	25.63%	26.49%	27.38%	25.77%
06/12/1993	12/12/1993	25.59%	26.17%	26.80%	25.77%
29/11/1993	05/12/1993	25.69%	26.18%	27.10%	25.73%

22/11/1993	28/11/1993	25.33%	26.41%	27.34%	25.66%
15/11/1993	21/11/1993	25.27%	25.98%	26.50%	25.27%
08/11/1993	14/11/1993	24.97%	25.78%	26.60%	25.13%
01/11/1993	07/11/1993	25.01%	25.36%	26.27%	25.13%
25/10/1993	31/10/1993	25.09%	25.38%	26.25%	25.17%
18/10/1993	24/10/1993	24.55%	25.29%	26.31%	24.80%
11/10/1993	17/10/1993	24.63%	25.28%	26.50%	24.48%
04/10/1993	10/10/1993	24.48%	25.00%	26.09%	24.18%
27/09/1993	03/10/1993	24.32%	24.84%	25.41%	24.03%
20/09/1993	26/09/1993	24.25%	24.92%	26.19%	24.03%
13/09/1993	19/09/1993	24.27%	25.11%	25.62%	24.06%
06/09/1993	12/09/1993	24.28%	24.86%	25.53%	24.12%
30/08/1993	05/09/1993	24.34%	25.04%	25.18%	24.31%
23/08/1993	29/08/1993	24.53%	25.15%	25.88%	24.78%
16/08/1993	22/08/1993	24.60%	25.23%	26.43%	24.63%
09/08/1993	15/08/1993	24.22%	25.61%	26.49%	25.23%
02/08/1993	08/08/1993	25.37%	26.29%	26.54%	25.49%
26/07/1993	01/08/1993	25.95%	26.18%	27.34%	26.29%
19/07/1993	25/07/1993	25.77%	26.45%	27.18%	26.10%
12/07/1993	18/07/1993	25.99%	26.49%	26.80%	26.46%
05/07/1993	11/07/1993	26.41%			26.23%
28/06/1993	04/07/1993	26.47%			26.33%
21/06/1993	27/06/1993	26.74%			26.52%
14/06/1993	20/06/1993	26.58%			26.05%
07/06/1993	13/06/1993	26.21%			25.87%
31/05/1993	06/06/1993	26.14%			25.85%
24/05/1993	30/05/1993	26.42%			26.10%
17/05/1993	23/05/1993	26.45%			26.17%
10/05/1993	16/05/1993	26.39%			26.12%
03/05/1993	09/05/1993	26.58%			25.98%
26/04/1993	02/05/1993	26.96%			27.08%
19/04/1993	25/04/1993	26.82%			26.31%
12/04/1993	18/04/1993	26.90%			26.78%
05/04/1993	11/04/1993	27.04%			26.29%
29/03/1993	04/04/1993	26.90%			26.02%
22/03/1993	28/03/1993	26.84%			26.27%
15/03/1993	21/03/1993	26.58%			26.07%
08/03/1993	14/03/1993	26.49%			25.90%
01/03/1993	07/03/1993	26.45%			25.82%
22/02/1993	28/02/1993	26.29%			25.86%
15/02/1993	21/02/1993	25.85%			25.43%
08/02/1993	14/02/1993	25.74%			25.65%
01/02/1993	07/02/1993	25.95%			25.75%
25/01/1993	31/01/1993	26.18%			25.91%
18/01/1993	24/01/1993	26.86%			27.00%
11/01/1993	17/01/1993	27.54%			27.92%
04/01/1993	10/01/1993	27.67%			27.85%
28/12/1992	03/01/1993	27.67%			27.66%
21/12/1992	27/12/1992	27.12%			27.23%
14/12/1992	20/12/1992	27.04%			27.19%
07/12/1992	13/12/1992	26.97%			27.08%
30/11/1992	06/12/1992	26.73%			26.97%
23/11/1992	29/11/1992	26.92%			27.19%
16/11/1992	22/11/1992	26.94%			27.46%
09/11/1992	15/11/1992	27.24%			27.65%
02/11/1992	08/11/1992	27.36%			27.61%
26/10/1992	01/11/1992	28.14%			28.04%
19/10/1992	25/10/1992	27.73%			27.67%
12/10/1992	18/10/1992	27.20%			27.34%
05/10/1992	11/10/1992	27.40%			27.47%

28/09/1992	04/10/1992	27.16%		27.54%
21/09/1992	27/09/1992	27.09%		27.19%
14/09/1992	20/09/1992	27.67%		27.32%
07/09/1992	13/09/1992	27.36%		27.13%
31/08/1992	06/09/1992	26.03%		26.49%
24/08/1992	30/08/1992	24.32%		24.59%
17/08/1992	23/08/1992	23.07%		22.34%
10/08/1992	16/08/1992	22.31%		22.09%
03/08/1992	09/08/1992	21.98%		21.71%
27/07/1992	02/08/1992	21.52%		21.16%
20/07/1992	26/07/1992	21.83%		21.72%
13/07/1992	19/07/1992	21.85%		21.99%
06/07/1992	12/07/1992	22.25%		22.37%
29/06/1992	05/07/1992	22.64%		22.68%
22/06/1992	28/06/1992	23.05%		23.28%
15/06/1992	21/06/1992	23.03%		23.54%
08/06/1992	14/06/1992	23.50%		24.31%
01/06/1992	07/06/1992	23.94%		24.88%
25/05/1992	31/05/1992	24.18%		25.54%
18/05/1992	24/05/1992	25.10%		26.18%
11/05/1992	17/05/1992	25.93%		26.72%
04/05/1992	10/05/1992	26.65%		26.81%
27/04/1992	03/05/1992	26.30%		27.28%
20/04/1992	26/04/1992	27.12%		27.77%
13/04/1992	19/04/1992	27.69%		28.11%
06/04/1992	12/04/1992	27.92%		28.36%
30/03/1992	05/04/1992	28.40%		28.55%
23/03/1992	29/03/1992	28.19%		28.49%
16/03/1992	22/03/1992	28.56%		28.67%
09/03/1992	15/03/1992	28.86%		28.99%
02/03/1992	08/03/1992	28.90%		29.45%
24/02/1992	01/03/1992	28.25%		28.67%
17/02/1992	23/02/1992	28.75%		30.10%
10/02/1992	16/02/1992	29.90%		30.79%
03/02/1992	09/02/1992	31.25%		33.18%
27/01/1992	02/02/1992	34.27%		34.87%
20/01/1992	26/01/1992	35.98%		36.82%
13/01/1992	19/01/1992	36.56%		37.14%
06/01/1992	12/01/1992	36.58%		37.32%
30/12/1991	05/01/1992	36.99%		37.57%
23/12/1991	29/12/1991	37.86%		38.44%
16/12/1991	22/12/1991	38.07%		38.82%
09/12/1991	15/12/1991	38.23%		38.80%
02/12/1991	08/12/1991	37.93%		38.89%
25/11/1991	01/12/1991	37.63%		38.76%
18/11/1991	24/11/1991	37.87%		39.06%
11/11/1991	17/11/1991	38.02%		39.01%
04/11/1991	10/11/1991	37.87%		38.98%
28/10/1991	03/11/1991	38.16%		39.44%
21/10/1991	27/10/1991	38.29%		39.06%
14/10/1991	20/10/1991	38.92%		40.11%
07/10/1991	13/10/1991	39.60%		40.46%
30/09/1991	06/10/1991	39.12%		40.59%
23/09/1991	29/09/1991	39.42%		40.24%
16/09/1991	22/09/1991	39.16%		40.23%
09/09/1991	15/09/1991	38.43%		40.29%
02/09/1991	08/09/1991	38.10%		40.26%
26/08/1991	01/09/1991	37.96%		39.24%
19/08/1991	25/08/1991	37.89%		40.00%
12/08/1991	18/08/1991	37.96%		40.00%

05/08/1991	11/08/1991	37.25%			40.66%
29/07/1991	04/08/1991	37.51%			39.94%
22/07/1991	28/07/1991	37.28%			40.23%
15/07/1991	21/07/1991	37.56%			40.41%
08/07/1991	14/07/1991	37.05%			39.39%
01/07/1991	07/07/1991	36.55%			38.79%
24/06/1991	30/06/1991	35.11%			37.81%
17/06/1991	23/06/1991	35.61%			37.59%
10/06/1991	16/06/1991	35.81%			37.51%
03/06/1991	09/06/1991	36.89%			37.42%
27/05/1991	02/06/1991	36.96%			38.38%
20/05/1991	26/05/1991	37.66%			39.07%
13/05/1991	19/05/1991	38.29%			39.44%
06/05/1991	12/05/1991	38.16%			40.50%
29/04/1991	05/05/1991	37.98%			41.18%
22/04/1991	28/04/1991	37.66%			40.82%
15/04/1991	21/04/1991	37.07%			41.12%
08/04/1991	14/04/1991	37.86%			39.41%
01/04/1991	07/04/1991	37.05%			39.85%
25/03/1991	31/03/1991	35.79%			39.24%
18/03/1991	24/03/1991	34.94%			37.72%
11/03/1991	17/03/1991	34.50%			37.07%
04/03/1991	10/03/1991	35.11%			36.67%
25/02/1991	03/03/1991	35.03%			36.61%
18/02/1991	24/02/1991	35.22%			36.48%
11/02/1991	17/02/1991	33.42%			36.61%
04/02/1991	10/02/1991	33.85%			36.51%
28/01/1991	03/02/1991	37.14%			35.92%
21/01/1991	27/01/1991	38.58%			40.70%
14/01/1991	20/01/1991	38.64%			43.02%
07/01/1991	13/01/1991	38.89%			41.84%
31/12/1990	06/01/1991	38.05%			42.09%
24/12/1990	30/12/1990	38.13%			41.32%
17/12/1990	23/12/1990	37.80%			40.32%
10/12/1990	16/12/1990	37.45%			40.09%
03/12/1990	09/12/1990	37.22%			39.68%
26/11/1990	02/12/1990	37.44%			39.66%
19/11/1990	25/11/1990	38.34%			39.48%
12/11/1990	18/11/1990	38.19%			40.01%
05/11/1990	11/11/1990	37.92%			39.97%
29/10/1990	04/11/1990	37.98%			39.97%
22/10/1990	28/10/1990	37.66%			40.14%
15/10/1990	21/10/1990	38.10%			39.94%
08/10/1990	14/10/1990	37.80%			39.88%
01/10/1990	07/10/1990	37.39%			40.15%
24/09/1990	30/09/1990	36.96%			39.50%
17/09/1990	23/09/1990	37.45%			39.03%
10/09/1990	16/09/1990	36.89%			39.38%
03/09/1990	09/09/1990	37.08%			38.71%
27/08/1990	02/09/1990	36.79%			39.10%
20/08/1990	26/08/1990	37.32%			38.92%
13/08/1990	19/08/1990	38.28%			39.12%
06/08/1990	12/08/1990	37.96%			40.33%
30/07/1990	05/08/1990	36.98%			40.75%
23/07/1990	29/07/1990	37.05%			39.97%
16/07/1990	22/07/1990	36.80%			39.39%
09/07/1990	15/07/1990	36.41%			38.49%
02/07/1990	08/07/1990	36.12%			38.44%
25/06/1990	01/07/1990	35.95%			38.08%
18/06/1990	24/06/1990	35.82%			38.07%

11/06/1990	17/06/1990	35.96%			37.90%
04/06/1990	10/06/1990	36.11%			37.86%
28/05/1990	03/06/1990	35.43%			37.81%
21/05/1990	27/05/1990	35.48%			37.26%
14/05/1990	20/05/1990	35.72%			37.37%
07/05/1990	13/05/1990	35.85%			37.69%
30/04/1990	06/05/1990	35.49%			37.68%
23/04/1990	29/04/1990	35.86%			38.01%
16/04/1990	22/04/1990	35.41%			38.29%
09/04/1990	15/04/1990	34.84%			37.45%
02/04/1990	08/04/1990	34.73%			36.86%
26/03/1990	01/04/1990	34.12%			36.54%
19/03/1990	25/03/1990	34.22%			35.95%
12/03/1990	18/03/1990	34.29%			35.77%
05/03/1990	11/03/1990	34.06%			35.51%
26/02/1990	04/03/1990	34.16%			35.52%
19/02/1990	25/02/1990	34.07%			34.53%
12/02/1990	18/02/1990	34.07%			34.71%
05/02/1990	11/02/1990	34.11%			35.00%
29/01/1990	04/02/1990	34.43%			35.48%
22/01/1990	28/01/1990	34.86%			36.24%
15/01/1990	21/01/1990	35.11%			37.47%
08/01/1990	14/01/1990	35.47%			37.75%
01/01/1990	07/01/1990	34.87%			37.57%
25/12/1989	31/12/1989	34.57%			37.13%
18/12/1989	24/12/1989	34.55%			37.11%
11/12/1989	17/12/1989	34.71%			37.17%
04/12/1989	10/12/1989	34.62%			37.08%
27/11/1989	03/12/1989	34.72%			36.89%
20/11/1989	26/11/1989	34.45%			36.45%
13/11/1989	19/11/1989	34.92%			36.30%
06/11/1989	12/11/1989	33.92%			35.92%
30/10/1989	05/11/1989	33.71%			35.68%
23/10/1989	29/10/1989	33.79%			35.35%
16/10/1989	22/10/1989	33.49%			35.17%
09/10/1989	15/10/1989	33.90%			34.66%
02/10/1989	08/10/1989	33.47%			34.71%
25/09/1989	01/10/1989	33.35%			34.59%
18/09/1989	24/09/1989	33.86%			34.84%
11/09/1989	17/09/1989	33.88%			35.35%
04/09/1989	10/09/1989	33.93%			35.57%
28/08/1989	03/09/1989	34.07%			35.52%
21/08/1989	27/08/1989	34.10%			35.71%
14/08/1989	20/08/1989	34.14%			35.62%
07/08/1989	13/08/1989	34.07%			35.67%
31/07/1989	06/08/1989	33.70%			35.55%
24/07/1989	30/07/1989	33.71%			35.74%
17/07/1989	23/07/1989	34.09%			35.67%
10/07/1989	16/07/1989	33.78%			35.64%
03/07/1989	09/07/1989	33.76%			35.32%
26/06/1989	02/07/1989	33.76%			35.35%
19/06/1989	25/06/1989	34.05%			35.33%
12/06/1989	18/06/1989	33.21%			35.40%
05/06/1989	11/06/1989	33.91%			35.43%
29/05/1989	04/06/1989	33.81%			35.22%
22/05/1989	28/05/1989	33.85%			35.22%
15/05/1989	21/05/1989	34.02%			35.23%
08/05/1989	14/05/1989	33.73%			35.23%
01/05/1989	07/05/1989	33.58%			35.38%
24/04/1989	30/04/1989	33.45%			35.19%

17/04/1989	23/04/1989	33.69%		34.87%
10/04/1989	16/04/1989	33.09%		34.47%
03/04/1989	09/04/1989	33.08%		33.97%
27/03/1989	02/04/1989	33.01%		33.90%
20/03/1989	26/03/1989	33.19%		34.14%
13/03/1989	19/03/1989	33.22%		34.23%
06/03/1989	12/03/1989	32.94%		33.93%
27/02/1989	05/03/1989	33.06%		33.55%
20/02/1989	26/02/1989	32.64%		32.64%
13/02/1989	19/02/1989	32.72%		33.15%
06/02/1989	12/02/1989	32.30%		33.04%
30/01/1989	05/02/1989	32.15%		33.05%
23/01/1989	29/01/1989	32.14%		33.04%
16/01/1989	22/01/1989	32.37%		32.98%
09/01/1989	15/01/1989	32.27%		33.05%
02/01/1989	08/01/1989	32.47%		33.04%
26/12/1988	01/01/1989	32.07%		33.04%
19/12/1988	25/12/1988	32.13%		33.04%
12/12/1988	18/12/1988	32.05%		33.02%
05/12/1988	11/12/1988	32.37%		32.91%
28/11/1988	04/12/1988	32.28%		33.04%
21/11/1988	27/11/1988	32.22%		32.99%
14/11/1988	20/11/1988	32.22%		32.88%
07/11/1988	13/11/1988	32.15%		33.09%
31/10/1988	06/11/1988	30.91%		33.31%
24/10/1988	30/10/1988	32.04%		33.19%
17/10/1988	23/10/1988	32.10%		33.09%
10/10/1988	16/10/1988	32.22%		33.01%
03/10/1988	09/10/1988	32.37%		33.06%
26/09/1988	02/10/1988	32.27%		33.08%
19/09/1988	25/09/1988	32.03%		33.19%
12/09/1988	18/09/1988	35.71%		33.84%
05/09/1988	11/09/1988	35.81%		37.26%
29/08/1988	04/09/1988	34.18%		37.38%
22/08/1988	28/08/1988	35.27%		37.56%
15/08/1988	21/08/1988	35.57%		37.29%
08/08/1988	14/08/1988	35.32%		36.74%
01/08/1988	07/08/1988	35.05%		36.82%
25/07/1988	31/07/1988	34.78%		36.71%
18/07/1988	24/07/1988	35.42%		36.89%
11/07/1988	17/07/1988	34.82%		36.96%
04/07/1988	10/07/1988	36.82%		36.82%
27/06/1988	03/07/1988	36.51%		36.51%
20/06/1988	26/06/1988	36.42%		36.42%
13/06/1988	19/06/1988	36.18%		36.18%
06/06/1988	12/06/1988	36.45%		36.45%
30/05/1988	05/06/1988	36.48%		36.48%
23/05/1988	29/05/1988	36.61%		36.61%
16/05/1988	22/05/1988	36.70%		36.70%
09/05/1988	15/05/1988	36.40%		36.40%
02/05/1988	08/05/1988	36.58%		36.58%
25/04/1988	01/05/1988	36.34%		36.34%
18/04/1988	24/04/1988	36.54%		36.54%
11/04/1988	17/04/1988	35.58%		35.58%
04/04/1988	10/04/1988	35.40%		35.40%
28/03/1988	03/04/1988	35.11%		35.11%
21/03/1988	27/03/1988	34.37%		34.37%
14/03/1988	20/03/1988	34.08%		34.08%
07/03/1988	13/03/1988	33.69%		33.69%
29/02/1988	06/03/1988	33.54%		33.54%

22/02/1988	28/02/1988	33.35%			33.35%
15/02/1988	21/02/1988	33.47%			33.47%
08/02/1988	14/02/1988	33.16%			33.16%
01/02/1988	07/02/1988	32.78%			32.78%
25/01/1988	31/01/1988	32.69%			32.69%
18/01/1988	24/01/1988	33.35%			33.35%
11/01/1988	17/01/1988	33.97%			33.97%
04/01/1988	10/01/1988	34.59%			34.59%
28/12/1987	03/01/1988	35.14%			35.14%
21/12/1987	27/12/1987	34.33%			34.33%
14/12/1987	20/12/1987	34.45%			34.45%
07/12/1987	13/12/1987	34.10%			34.10%
30/11/1987	06/12/1987	33.25%			33.25%
23/11/1987	29/11/1987	33.32%			33.32%
16/11/1987	22/11/1987	32.99%			32.99%
09/11/1987	15/11/1987	32.52%			32.52%
02/11/1987	08/11/1987	31.83%			31.83%
26/10/1987	01/11/1987	31.46%			31.46%
19/10/1987	25/10/1987	31.48%			31.48%
12/10/1987	18/10/1987	31.31%			31.31%
05/10/1987	11/10/1987	31.21%			31.21%
28/09/1987	04/10/1987	31.08%			31.08%
21/09/1987	27/09/1987	31.19%			31.19%
14/09/1987	20/09/1987	30.96%			30.96%
07/09/1987	13/09/1987	31.00%			31.00%
31/08/1987	06/09/1987	31.08%			31.08%
24/08/1987	30/08/1987	31.19%			31.19%
17/08/1987	23/08/1987	31.31%			31.31%
10/08/1987	16/08/1987	31.24%			31.24%
03/08/1987	09/08/1987	31.07%			31.07%
27/07/1987	02/08/1987	30.87%			30.87%
20/07/1987	26/07/1987	30.75%			30.75%
13/07/1987	19/07/1987	30.86%			30.86%
06/07/1987	12/07/1987	30.72%			30.72%
29/06/1987	05/07/1987	30.56%			30.56%
22/06/1987	28/06/1987	30.58%			30.58%
15/06/1987	21/06/1987	30.52%			30.52%
08/06/1987	14/06/1987	30.83%			30.83%
01/06/1987	07/06/1987	30.82%			30.82%
25/05/1987	31/05/1987	30.97%			30.97%
18/05/1987	24/05/1987	30.91%			30.91%
11/05/1987	17/05/1987	30.89%			30.89%
04/05/1987	10/05/1987	30.87%			30.87%
27/04/1987	03/05/1987	30.75%			30.75%
20/04/1987	26/04/1987	30.62%			30.62%
13/04/1987	19/04/1987	30.87%			30.87%
06/04/1987	12/04/1987	30.40%			30.40%
30/03/1987	05/04/1987	30.51%			30.51%
23/03/1987	29/03/1987	30.31%			30.31%
16/03/1987	22/03/1987	30.56%			30.56%
09/03/1987	15/03/1987	30.59%			30.59%
02/03/1987	08/03/1987	30.59%			30.59%
23/02/1987	01/03/1987	30.52%			30.52%
16/02/1987	22/02/1987	30.66%			30.66%
09/02/1987	15/02/1987	31.38%			31.38%
02/02/1987	08/02/1987	31.60%			31.60%
26/01/1987	01/02/1987	32.03%			32.03%
19/01/1987	25/01/1987	32.82%			32.82%
12/01/1987	18/01/1987	32.75%			32.75%
05/01/1987	11/01/1987	33.28%			33.28%

29/12/1986	04/01/1987	33.42%			33.42%
22/12/1986	28/12/1986	33.32%			33.32%
15/12/1986	21/12/1986	33.52%			33.52%
08/12/1986	14/12/1986	33.15%			33.15%
01/12/1986	07/12/1986	32.52%			32.52%
24/11/1986	30/11/1986	32.54%			32.54%
17/11/1986	23/11/1986	32.25%			32.25%
10/11/1986	16/11/1986	32.03%			32.03%
03/11/1986	09/11/1986	31.77%			31.77%
27/10/1986	02/11/1986	31.50%			31.50%
20/10/1986	26/10/1986	31.39%			31.39%
13/10/1986	19/10/1986	31.29%			31.29%
06/10/1986	12/10/1986	31.22%			31.22%
29/09/1986	05/10/1986	31.19%			31.19%
22/09/1986	28/09/1986	31.39%			31.39%
15/09/1986	21/09/1986	31.52%			31.52%
08/09/1986	14/09/1986	31.83%			31.83%
01/09/1986	07/09/1986	31.39%			31.39%
25/08/1986	31/08/1986	31.49%			31.49%
18/08/1986	24/08/1986	31.55%			31.55%
11/08/1986	17/08/1986	31.77%			31.77%
04/08/1986	10/08/1986	31.79%			31.79%
28/07/1986	03/08/1986	31.86%			31.86%
21/07/1986	27/07/1986	31.59%			31.59%
14/07/1986	20/07/1986	30.89%			30.89%
07/07/1986	13/07/1986	30.68%			30.68%
30/06/1986	06/07/1986	30.65%			30.65%
23/06/1986	29/06/1986	30.61%			30.61%
16/06/1986	22/06/1986	30.76%			30.76%
09/06/1986	15/06/1986	30.70%			30.70%
02/06/1986	08/06/1986	30.49%			30.49%
26/05/1986	01/06/1986	30.59%			30.59%
19/05/1986	25/05/1986	30.55%			30.55%
12/05/1986	18/05/1986	30.49%			30.49%
05/05/1986	11/05/1986	30.33%			30.33%
28/04/1986	04/05/1986	30.52%			30.52%
21/04/1986	27/04/1986	30.49%			30.49%
14/04/1986	20/04/1986	30.56%			30.56%
07/04/1986	13/04/1986	30.54%			30.54%
31/03/1986	06/04/1986	30.30%			30.30%
24/03/1986	30/03/1986	30.58%			30.58%
17/03/1986	23/03/1986	30.61%			30.61%
10/03/1986	16/03/1986	30.61%			30.61%
03/03/1986	09/03/1986	30.62%			30.62%
24/02/1986	02/03/1986	30.68%			30.68%
17/02/1986	23/02/1986	30.72%			30.72%
10/02/1986	16/02/1986	31.32%			31.32%
03/02/1986	09/02/1986	34.95%			34.95%
27/01/1986	02/02/1986	36.36%			36.36%
20/01/1986	26/01/1986	36.30%			36.30%
13/01/1986	19/01/1986	35.99%			35.99%
06/01/1986	12/01/1986	36.61%			36.61%
30/12/1985	05/01/1986	36.31%			36.31%
23/12/1985	29/12/1985	36.49%			36.49%
16/12/1985	22/12/1985	36.62%			36.62%
09/12/1985	15/12/1985	36.46%			36.46%
02/12/1985	08/12/1985	36.43%			36.43%
25/11/1985	01/12/1985	36.49%			36.49%
18/11/1985	24/11/1985	35.89%			35.89%
11/11/1985	17/11/1985	36.86%			36.86%

04/11/1985	10/11/1985	36.71%			36.71%
28/10/1985	03/11/1985	36.65%			36.65%
21/10/1985	27/10/1985	36.37%			36.37%
14/10/1985	20/10/1985	36.82%			36.82%
07/10/1985	13/10/1985	36.77%			36.77%
30/09/1985	06/10/1985	36.61%			36.61%
23/09/1985	29/09/1985	36.26%			36.26%
16/09/1985	22/09/1985	36.40%			36.40%
09/09/1985	15/09/1985	36.62%			36.62%
02/09/1985	08/09/1985	36.11%			36.11%
26/08/1985	01/09/1985	36.31%			36.31%
19/08/1985	25/08/1985	36.27%			36.27%
12/08/1985	18/08/1985	36.68%			36.68%
05/08/1985	11/08/1985	36.24%			36.24%
29/07/1985	04/08/1985	36.33%			36.33%
22/07/1985	28/07/1985	36.28%			36.28%
15/07/1985	21/07/1985	36.12%			36.12%
08/07/1985	14/07/1985	36.86%			36.86%
01/07/1985	07/07/1985	36.45%			36.45%
24/06/1985	30/06/1985	36.24%			36.24%
17/06/1985	23/06/1985	36.20%			36.20%
10/06/1985	16/06/1985	36.51%			36.51%
03/06/1985	09/06/1985	36.42%			36.42%
27/05/1985	02/06/1985	36.23%			36.23%
20/05/1985	26/05/1985	36.01%			36.01%
13/05/1985	19/05/1985	35.90%			35.90%
06/05/1985	12/05/1985	35.81%			35.81%
29/04/1985	05/05/1985	35.86%			35.86%
22/04/1985	28/04/1985	35.73%			35.73%
15/04/1985	21/04/1985	35.52%			35.52%
08/04/1985	14/04/1985	36.18%			36.18%
01/04/1985	07/04/1985	35.83%			35.83%
25/03/1985	31/03/1985	35.80%			35.80%
18/03/1985	24/03/1985	35.73%			35.73%
11/03/1985	17/03/1985	36.03%			36.03%
04/03/1985	10/03/1985	35.67%			35.67%
25/02/1985	03/03/1985	35.96%			35.96%
18/02/1985	24/02/1985	36.01%			36.01%
11/02/1985	17/02/1985	35.87%			35.87%
04/02/1985	10/02/1985	35.98%			35.98%
28/01/1985	03/02/1985	36.31%			36.31%
21/01/1985	27/01/1985	36.34%			36.34%
14/01/1985	20/01/1985	36.43%			36.43%
07/01/1985	13/01/1985	36.62%			36.62%
31/12/1984	06/01/1985	36.26%			36.26%
24/12/1984	30/12/1984	36.12%			36.12%
17/12/1984	23/12/1984	36.01%			36.01%
10/12/1984	16/12/1984	36.34%			36.34%
03/12/1984	09/12/1984	36.14%			36.14%
26/11/1984	02/12/1984	36.15%			36.15%
19/11/1984	25/11/1984	35.89%			35.89%
12/11/1984	18/11/1984	35.96%			35.96%
05/11/1984	11/11/1984	35.86%			35.86%
29/10/1984	04/11/1984	35.98%			35.98%
22/10/1984	28/10/1984	36.14%			36.14%
15/10/1984	21/10/1984	35.76%			35.76%
08/10/1984	14/10/1984	36.21%			36.21%
01/10/1984	07/10/1984	36.49%			36.49%
24/09/1984	30/09/1984	35.68%			35.68%
17/09/1984	23/09/1984	36.27%			36.27%

10/09/1984	16/09/1984	35.96%			35.96%
03/09/1984	09/09/1984	36.08%			36.08%
27/08/1984	02/09/1984	35.98%			35.98%
21/08/1984	26/08/1984	36.15%			
20/08/1984	26/08/1984				36.15%
13/08/1984	19/08/1984	36.43%			36.43%
06/08/1984	12/08/1984	36.02%			36.02%
30/07/1984	05/08/1984	36.05%			36.05%
23/07/1984	29/07/1984	35.90%			35.90%
	22/07/1984				35.92%
16/07/1984	21/07/1984	35.92%			
09/07/1984	15/07/1984	35.99%			35.99%
03/07/1984	08/07/1984	35.77%			
02/07/1984	08/07/1984				35.77%
26/06/1984	01/07/1984	35.68%			
25/06/1984	01/07/1984				35.68%
18/06/1984	24/06/1984	35.57%			35.57%
11/06/1984	17/06/1984	35.48%			35.48%
04/06/1984	10/06/1984	35.86%			35.86%
28/05/1984	03/06/1984	35.62%			35.62%
21/05/1984	27/05/1984	35.42%			35.42%
14/05/1984	20/05/1984	35.67%			35.67%
07/05/1984	13/05/1984	35.26%			35.26%
30/04/1984	06/05/1984	35.58%			35.58%
23/04/1984	29/04/1984	35.45%			35.45%
16/04/1984	22/04/1984	35.30%			35.30%
09/04/1984	15/04/1984	35.54%			35.54%
02/04/1984	08/04/1984	35.52%			35.52%
26/03/1984	01/04/1984	35.13%			35.13%
20/03/1984	25/03/1984	35.16%			
19/03/1984	25/03/1984				35.16%
	19/03/1984	35.40%			
12/03/1984	18/03/1984				35.40%
05/03/1984	11/03/1984	35.45%			35.45%
27/02/1984	04/03/1984	35.57%			35.57%
20/02/1984	26/02/1984	35.80%			35.80%
	19/02/1984				35.90%
13/02/1984	17/02/1984	35.90%			
06/02/1984	12/02/1984	35.84%			35.84%
30/01/1984	05/02/1984	35.95%			35.95%
23/01/1984	29/01/1984	36.21%			36.21%
12/01/1984	18/01/1984	36.45%			36.45%

Fuente: cálculos Banco de la República con información proveniente de la Superintendencia Financiera

Nota: la tasa DTF se refiere a la tasa promedio ponderada por monto de las captaciones por CDT a 90 días para los Bancos, corporaciones y compañías de financiamiento comercial. El cálculo se realiza con información diaria de las captaciones

Hasta diciembre de 1988 los cálculos se realizan con base en la encuesta a bancos y corporaciones financieras Oficina Principal de Santafé de Bogotá. A partir de enero de 1989 los cálculos se realizan con base en la información de la encuesta diaria a bancos y corporaciones financieras de todo el país, según circulares 022 y 042 de 1988 de la Asociación Bancaria. A partir del 6 de marzo de 1995 los cálculos se realizan con base en la encuesta diaria que efectúa la Superintendencia

Date	1 Mo	3 Mo	6 Mo	1 Yr	2 Yr	3 Yr
01/02/2013	0.07	0.08	0.12	0.15	0.27	0.37
01/03/2013	0.06	0.08	0.12	0.15	0.27	0.4
01/04/2013	0.06	0.07	0.11	0.15	0.27	0.41
01/07/2013	0.05	0.07	0.11	0.15	0.27	0.41
01/08/2013	0.06	0.07	0.11	0.14	0.25	0.38
01/09/2013	0.04	0.06	0.09	0.13	0.24	0.37
01/10/2013	0.05	0.06	0.1	0.14	0.26	0.37
01/11/2013	0.04	0.07	0.1	0.14	0.26	0.37
01/14/13	0.05	0.08	0.11	0.14	0.26	0.37
01/15/13	0.09	0.09	0.11	0.14	0.26	0.36
01/16/13	0.07	0.08	0.11	0.14	0.26	0.36
01/17/13	0.05	0.07	0.11	0.14	0.28	0.39
01/18/13	0.04	0.08	0.1	0.14	0.26	0.38
01/22/13	0.04	0.08	0.1	0.14	0.26	0.38
01/23/13	0.06	0.08	0.1	0.15	0.26	0.37
01/24/13	0.06	0.08	0.1	0.15	0.23	0.37
01/25/13	0.06	0.08	0.11	0.15	0.28	0.42
01/28/13	0.03	0.07	0.11	0.16	0.29	0.45
01/29/13	0.03	0.07	0.11	0.15	0.3	0.43
01/30/13	0.04	0.07	0.11	0.15	0.27	0.42
01/31/13	0.04	0.07	0.12	0.15	0.27	0.42
02/01/2013	0.02	0.06	0.11	0.15	0.27	0.4
02/04/2013	0.03	0.07	0.11	0.15	0.25	0.38
02/05/2013	0.06	0.07	0.11	0.15	0.27	0.41
02/06/2013	0.06	0.07	0.12	0.15	0.27	0.39
02/07/2013	0.03	0.07	0.11	0.15	0.25	0.39
02/08/2013	0.03	0.07	0.11	0.14	0.25	0.39
02/11/2013	0.05	0.09	0.12	0.15	0.27	0.4
02/12/2013	0.08	0.09	0.12	0.14	0.29	0.41
02/13/13	0.09	0.1	0.12	0.15	0.29	0.44
02/14/13	0.1	0.11	0.13	0.16	0.27	0.42
02/15/13	0.09	0.1	0.13	0.17	0.29	0.42
02/19/13	0.09	0.12	0.13	0.17	0.29	0.44
02/20/13	0.12	0.12	0.13	0.17	0.27	0.42
02/21/13	0.12	0.13	0.13	0.16	0.26	0.4
02/22/13	0.11	0.13	0.14	0.16	0.27	0.4
02/25/13	0.09	0.12	0.14	0.16	0.25	0.37
02/26/13	0.11	0.14	0.14	0.17	0.25	0.37
02/27/13	0.11	0.11	0.13	0.17	0.27	0.36
02/28/13	0.07	0.11	0.13	0.17	0.25	0.36
03/01/2013	0.07	0.11	0.12	0.16	0.25	0.35

03/04/2013	0.07	0.11	0.12	0.16	0.24	0.35
03/05/2013	0.09	0.08	0.12	0.15	0.25	0.36
03/06/2013	0.09	0.1	0.12	0.15	0.25	0.38
03/07/2013	0.1	0.1	0.11	0.15	0.25	0.4
03/08/2013	0.09	0.1	0.11	0.15	0.27	0.42
03/11/2013	0.09	0.1	0.12	0.15	0.27	0.43
03/12/2013	0.1	0.1	0.12	0.15	0.27	0.41
03/13/13	0.09	0.09	0.12	0.15	0.27	0.42
03/14/13	0.08	0.1	0.12	0.15	0.27	0.42
03/15/13	0.07	0.09	0.11	0.14	0.25	0.4
03/18/13	0.07	0.07	0.11	0.15	0.26	0.38
03/19/13	0.08	0.07	0.11	0.15	0.24	0.37
03/20/13	0.08	0.07	0.11	0.15	0.26	0.38
03/21/13	0.08	0.07	0.11	0.14	0.27	0.38
03/22/13	0.07	0.07	0.11	0.14	0.26	0.39
03/25/13	0.06	0.08	0.11	0.14	0.24	0.38
03/26/13	0.08	0.07	0.11	0.14	0.25	0.38
03/27/13	0.06	0.09	0.12	0.14	0.25	0.36
03/28/13	0.04	0.07	0.11	0.14	0.25	0.36
04/01/2013	0.06	0.08	0.11	0.14	0.23	0.36
04/02/2013	0.06	0.07	0.11	0.14	0.25	0.36
04/03/2013	0.06	0.06	0.1	0.13	0.24	0.34
04/04/2013	0.07	0.07	0.1	0.13	0.22	0.33
04/05/2013	0.05	0.07	0.1	0.13	0.24	0.33
04/08/2013	0.05	0.07	0.1	0.13	0.24	0.34
04/09/2013	0.06	0.06	0.1	0.13	0.24	0.34
04/10/2013	0.07	0.07	0.1	0.12	0.24	0.36
04/11/2013	0.06	0.07	0.1	0.12	0.24	0.35
04/12/2013	0.05	0.06	0.09	0.11	0.22	0.33
04/15/13	0.04	0.06	0.09	0.12	0.22	0.32
04/16/13	0.06	0.06	0.09	0.13	0.24	0.33
04/17/13	0.05	0.06	0.09	0.13	0.24	0.35
04/18/13	0.03	0.05	0.09	0.12	0.24	0.35
04/19/13	0.04	0.05	0.09	0.12	0.24	0.35
04/22/13	0.04	0.05	0.09	0.12	0.24	0.35
04/23/13	0.04	0.05	0.09	0.12	0.23	0.35
04/24/13	0.05	0.06	0.09	0.13	0.23	0.34
04/25/13	0.04	0.05	0.08	0.12	0.23	0.35
04/26/13	0.04	0.05	0.09	0.12	0.22	0.32
04/29/13	0.03	0.05	0.08	0.12	0.2	0.32
04/30/13	0.03	0.05	0.09	0.11	0.22	0.32
05/01/2013	0.03	0.06	0.08	0.11	0.2	0.3

05/02/2013	0.02	0.05	0.08	0.11	0.2	0.3
05/03/2013	0.02	0.05	0.08	0.11	0.22	0.34
05/06/2013	0.01	0.04	0.08	0.11	0.22	0.34
05/07/2013	0.01	0.04	0.08	0.1	0.22	0.35
05/08/2013	0.01	0.04	0.08	0.11	0.22	0.35
05/09/2013	0.02	0.04	0.08	0.11	0.22	0.35
05/10/2013	0.02	0.04	0.08	0.11	0.26	0.38
05/13/13	0.02	0.05	0.08	0.13	0.24	0.4
05/14/13	0.01	0.05	0.09	0.12	0.26	0.41
05/15/13	0.01	0.04	0.09	0.12	0.26	0.4
05/16/13	0	0.03	0.08	0.12	0.23	0.37
05/17/13	0.01	0.04	0.08	0.12	0.26	0.4
05/20/13	0.01	0.05	0.09	0.12	0.26	0.4
05/21/13	0.04	0.04	0.09	0.12	0.26	0.39
05/22/13	0.04	0.04	0.08	0.11	0.26	0.41
05/23/13	0.03	0.05	0.08	0.12	0.26	0.42
05/24/13	0.03	0.04	0.07	0.12	0.26	0.41
05/28/13	0.02	0.05	0.09	0.13	0.29	0.49
05/29/13	0.04	0.05	0.08	0.14	0.3	0.49
05/30/13	0.02	0.04	0.07	0.13	0.31	0.49
05/31/13	0.03	0.04	0.07	0.14	0.3	0.52
06/03/2013	0.03	0.05	0.08	0.14	0.3	0.5
06/04/2013	0.05	0.04	0.08	0.14	0.32	0.48
06/05/2013	0.04	0.05	0.08	0.14	0.3	0.48
06/06/2013	0.04	0.05	0.08	0.14	0.3	0.48
06/07/2013	0.04	0.04	0.07	0.14	0.32	0.52
06/10/2013	0.04	0.05	0.08	0.14	0.32	0.55
06/11/2013	0.05	0.05	0.08	0.14	0.34	0.57
06/12/2013	0.04	0.05	0.08	0.14	0.34	0.57
06/13/13	0.04	0.05	0.08	0.14	0.32	0.55
06/14/13	0.04	0.05	0.08	0.13	0.29	0.49
06/17/13	0.05	0.05	0.08	0.13	0.27	0.49
06/18/13	0.04	0.05	0.08	0.13	0.27	0.48
06/19/13	0.04	0.05	0.08	0.13	0.31	0.58
06/20/13	0.03	0.05	0.09	0.14	0.33	0.62
06/21/13	0.02	0.05	0.09	0.13	0.38	0.7
06/24/13	0.01	0.06	0.11	0.16	0.42	0.73
06/25/13	0.03	0.06	0.11	0.17	0.43	0.74
06/26/13	0.02	0.06	0.11	0.16	0.39	0.69
06/27/13	0.02	0.06	0.11	0.15	0.36	0.66
06/28/13	0.02	0.04	0.1	0.15	0.36	0.66
07/01/2013	0.01	0.04	0.09	0.15	0.34	0.65

07/02/2013	0.02	0.03	0.08	0.14	0.34	0.64
07/03/2013	0.03	0.05	0.08	0.14	0.36	0.67
07/05/2013	0.03	0.04	0.08	0.15	0.4	0.77
07/08/2013	0.02	0.05	0.07	0.14	0.37	0.71
07/09/2013	0.04	0.04	0.08	0.14	0.37	0.71
07/10/2013	0.03	0.04	0.08	0.13	0.38	0.73
07/11/2013	0.02	0.04	0.07	0.13	0.34	0.65
07/12/2013	0.02	0.04	0.07	0.12	0.37	0.66
07/15/13	0.02	0.04	0.07	0.11	0.34	0.66
07/16/13	0.02	0.03	0.07	0.1	0.34	0.64
07/17/13	0.02	0.03	0.08	0.11	0.32	0.6
07/18/13	0.01	0.03	0.07	0.11	0.32	0.61
07/19/13	0.01	0.03	0.07	0.11	0.32	0.59
07/22/13	0.01	0.04	0.07	0.1	0.32	0.59
07/23/13	0.02	0.02	0.07	0.12	0.33	0.6
07/24/13	0.02	0.03	0.07	0.12	0.34	0.64
07/25/13	0.02	0.02	0.06	0.12	0.32	0.62
07/26/13	0.02	0.03	0.07	0.11	0.31	0.59
07/29/13	0.01	0.03	0.07	0.11	0.33	0.61
07/30/13	0.03	0.04	0.07	0.11	0.33	0.62
07/31/13	0.03	0.04	0.08	0.11	0.31	0.61
08/01/2013	0.02	0.04	0.08	0.13	0.35	0.65
08/02/2013	0.02	0.04	0.07	0.11	0.3	0.59
08/05/2013	0.03	0.05	0.08	0.12	0.32	0.61
08/06/2013	0.05	0.04	0.08	0.12	0.32	0.62
08/07/2013	0.05	0.05	0.08	0.12	0.32	0.61
08/08/2013	0.05	0.05	0.07	0.12	0.3	0.61
08/09/2013	0.05	0.05	0.07	0.11	0.32	0.61
08/12/2013	0.05	0.06	0.08	0.12	0.32	0.62
08/13/13	0.06	0.06	0.08	0.12	0.34	0.68
08/14/13	0.06	0.05	0.07	0.12	0.34	0.67
08/15/13	0.05	0.05	0.08	0.13	0.36	0.7
08/16/13	0.05	0.05	0.08	0.13	0.36	0.73
08/19/13	0.03	0.06	0.08	0.13	0.36	0.76
08/20/13	0.03	0.04	0.07	0.13	0.36	0.73
08/21/13	0.02	0.04	0.07	0.14	0.38	0.76
08/22/13	0.01	0.03	0.06	0.14	0.42	0.82
08/23/13	0.02	0.03	0.06	0.14	0.4	0.8
08/26/13	0.03	0.04	0.07	0.13	0.41	0.79
08/27/13	0.04	0.05	0.07	0.12	0.38	0.77
08/28/13	0.04	0.03	0.07	0.14	0.4	0.79
08/29/13	0.03	0.02	0.06	0.14	0.39	0.79

08/30/13	0.02	0.03	0.05	0.13	0.39	0.79
09/03/2013	0.03	0.02	0.05	0.14	0.43	0.83
09/04/2013	0.02	0.02	0.05	0.14	0.46	0.89
09/05/2013	0.03	0.02	0.06	0.16	0.52	0.97
09/06/2013	0.02	0.02	0.05	0.14	0.46	0.91
09/09/2013	0.02	0.02	0.04	0.12	0.45	0.87
09/10/2013	0.01	0.02	0.04	0.13	0.5	0.92
09/11/2013	0.01	0.02	0.05	0.12	0.47	0.88
09/12/2013	0.01	0.01	0.02	0.13	0.45	0.87
09/13/13	0.01	0.01	0.02	0.13	0.45	0.87
09/16/13	0.01	0.02	0.04	0.13	0.41	0.8
09/17/13	0.01	0.01	0.04	0.12	0.39	0.78
09/18/13	0.01	0.01	0.04	0.11	0.34	0.67
09/19/13	0	0.01	0.03	0.1	0.34	0.69
09/20/13	0.01	0.01	0.05	0.11	0.34	0.69
09/23/13	0.01	0.02	0.05	0.1	0.35	0.68
09/24/13	0.02	0.02	0.05	0.1	0.35	0.67
09/25/13	0.02	0.02	0.05	0.1	0.36	0.66
09/26/13	0.04	0	0.03	0.09	0.34	0.67
09/27/13	0.03	0.02	0.03	0.1	0.34	0.64
09/30/13	0.03	0.02	0.04	0.1	0.33	0.63
10/01/2013	0.1	0.02	0.04	0.1	0.33	0.66
10/02/2013	0.08	0.02	0.05	0.11	0.31	0.62
10/03/2013	0.12	0.03	0.05	0.11	0.33	0.61
10/04/2013	0.11	0.03	0.04	0.11	0.33	0.66
10/07/2013	0.13	0.03	0.06	0.12	0.37	0.66
10/08/2013	0.27	0.05	0.09	0.15	0.4	0.7
10/09/2013	0.26	0.05	0.08	0.15	0.37	0.68
10/10/2013	0.25	0.05	0.07	0.14	0.35	0.68
10/11/2013	0.25	0.08	0.07	0.14	0.35	0.66
10/15/13	0.32	0.14	0.16	0.16	0.37	0.68
10/16/13	0.14	0.1	0.11	0.15	0.34	0.64
10/17/13	0.01	0.05	0.08	0.13	0.33	0.61
10/18/13	0.01	0.04	0.08	0.12	0.33	0.62
10/21/13	0.02	0.04	0.07	0.11	0.33	0.63
10/22/13	0.04	0.04	0.07	0.1	0.31	0.59
10/23/13	0.02	0.04	0.07	0.11	0.31	0.6
10/24/13	0.02	0.03	0.07	0.12	0.33	0.59
10/25/13	0.02	0.04	0.08	0.11	0.32	0.59
10/28/13	0.02	0.04	0.08	0.11	0.32	0.59
10/29/13	0.06	0.04	0.08	0.11	0.31	0.59
10/30/13	0.05	0.04	0.09	0.11	0.33	0.58

10/31/13	0.03	0.04	0.08	0.1	0.31	0.57
11/01/2013	0.03	0.04	0.08	0.1	0.33	0.61
11/04/2013	0.02	0.05	0.09	0.09	0.32	0.6
11/05/2013	0.06	0.05	0.08	0.1	0.32	0.6
11/06/2013	0.05	0.05	0.09	0.11	0.3	0.58
11/07/2013	0.04	0.05	0.09	0.11	0.29	0.55
11/08/2013	0.04	0.06	0.09	0.12	0.32	0.62
11/12/2013	0.05	0.08	0.1	0.13	0.34	0.65
11/13/13	0.06	0.08	0.1	0.13	0.32	0.61
11/14/13	0.06	0.08	0.1	0.13	0.29	0.56
11/15/13	0.06	0.08	0.1	0.13	0.31	0.58
11/18/13	0.05	0.09	0.1	0.13	0.31	0.56
11/19/13	0.05	0.08	0.1	0.14	0.29	0.58
11/20/13	0.06	0.08	0.11	0.12	0.28	0.57
11/21/13	0.02	0.07	0.1	0.12	0.29	0.55
11/22/13	0.02	0.07	0.1	0.12	0.31	0.57
11/25/13	0.04	0.08	0.11	0.14	0.3	0.57
11/26/13	0.07	0.07	0.11	0.13	0.29	0.55
11/27/13	0.06	0.07	0.11	0.13	0.28	0.55
11/29/13	0.05	0.06	0.11	0.13	0.28	0.56
12/02/2013	0.02	0.05	0.1	0.13	0.3	0.59
12/03/2013	0.04	0.06	0.1	0.13	0.28	0.58
12/04/2013	0.04	0.06	0.1	0.14	0.3	0.6
12/05/2013	0.02	0.06	0.1	0.13	0.3	0.61
12/06/2013	0.03	0.06	0.1	0.13	0.3	0.64
12/09/2013	0.04	0.07	0.1	0.13	0.3	0.64
12/10/2013	0.03	0.07	0.1	0.14	0.3	0.62
12/11/2013	0.02	0.07	0.1	0.13	0.31	0.63
12/12/2013	0.01	0.07	0.09	0.14	0.34	0.67
12/13/13	0.02	0.07	0.09	0.14	0.34	0.68
12/16/13	0.02	0.07	0.09	0.13	0.34	0.68
12/17/13	0.02	0.07	0.09	0.14	0.34	0.65
12/18/13	0.01	0.07	0.1	0.13	0.32	0.64
12/19/13	0.01	0.06	0.09	0.13	0.35	0.7
12/20/13	0.02	0.07	0.09	0.13	0.37	0.74
12/23/13	0.01	0.07	0.09	0.14	0.38	0.77
12/24/13	0.01	0.07	0.09	0.14	0.38	0.8
12/26/13	0	0.07	0.09	0.13	0.42	0.81
12/27/13	0.01	0.07	0.09	0.12	0.4	0.79
12/30/13	0.01	0.07	0.1	0.13	0.39	0.77
12/31/13	0.01	0.07	0.1	0.13	0.38	0.78
01/02/2014	0.01	0.07	0.09	0.13	0.39	0.76

01/03/2014	0.02	0.07	0.1	0.13	0.41	0.8
01/06/2014	0.01	0.05	0.08	0.12	0.4	0.78
01/07/2014	0.01	0.04	0.08	0.13	0.4	0.8
01/08/2014	0	0.05	0.08	0.13	0.43	0.87
01/09/2014	0.01	0.04	0.06	0.13	0.44	0.86
01/10/2014	0.01	0.05	0.06	0.12	0.39	0.77
01/13/14	0	0.03	0.06	0.11	0.39	0.74
01/14/14	0	0.04	0.06	0.11	0.39	0.78
01/15/14	0.01	0.04	0.06	0.13	0.41	0.81
01/16/14	0.01	0.04	0.07	0.11	0.41	0.8
01/17/14	0.01	0.05	0.07	0.11	0.4	0.79
01/21/14	0.01	0.04	0.07	0.12	0.4	0.81
01/22/14	0	0.04	0.07	0.11	0.44	0.85
01/23/14	0.01	0.04	0.05	0.11	0.39	0.77
01/24/14	0.04	0.04	0.06	0.11	0.37	0.75
01/27/14	0.04	0.05	0.07	0.11	0.37	0.76
01/28/14	0.05	0.05	0.07	0.11	0.38	0.75
01/29/14	0.04	0.04	0.07	0.11	0.36	0.71
01/30/14	0.04	0.02	0.06	0.1	0.36	0.72
01/31/14	0.03	0.02	0.06	0.1	0.34	0.69
02/03/2014	0.04	0.05	0.07	0.11	0.3	0.64
02/04/2014	0.12	0.06	0.07	0.12	0.31	0.65
02/05/2014	0.13	0.07	0.07	0.12	0.32	0.66
02/06/2014	0.07	0.07	0.08	0.13	0.33	0.69
02/07/2014	0.1	0.08	0.09	0.12	0.3	0.66
02/10/2014	0.07	0.07	0.1	0.12	0.32	0.66
02/11/2014	0.05	0.05	0.1	0.12	0.35	0.71
02/12/2014	0.01	0.05	0.09	0.12	0.35	0.74
02/13/14	0.01	0.03	0.08	0.12	0.32	0.7
02/14/14	0.01	0.02	0.07	0.11	0.32	0.71
02/18/14	0.02	0.05	0.08	0.12	0.31	0.67
02/19/14	0.04	0.06	0.09	0.11	0.33	0.69
02/20/14	0.02	0.05	0.08	0.12	0.34	0.72
02/21/14	0.02	0.05	0.08	0.12	0.33	0.71
02/24/14	0.02	0.05	0.08	0.11	0.35	0.72
02/25/14	0.04	0.05	0.08	0.11	0.34	0.7
02/26/14	0.04	0.05	0.08	0.11	0.33	0.68
02/27/14	0.04	0.04	0.07	0.11	0.33	0.68
02/28/14	0.04	0.05	0.08	0.12	0.33	0.69
03/03/2014	0.04	0.05	0.08	0.12	0.32	0.66
03/04/2014	0.06	0.05	0.08	0.12	0.33	0.71
03/05/2014	0.06	0.06	0.09	0.13	0.33	0.71

03/06/2014	0.06	0.05	0.08	0.12	0.37	0.73
03/07/2014	0.06	0.06	0.09	0.13	0.38	0.79
03/10/2014	0.05	0.05	0.08	0.12	0.37	0.79
03/11/2014	0.06	0.05	0.08	0.13	0.37	0.79
03/12/2014	0.05	0.05	0.08	0.12	0.37	0.78
03/13/14	0.06	0.05	0.08	0.12	0.34	0.74
03/14/14	0.05	0.05	0.08	0.12	0.36	0.74
03/17/14	0.05	0.06	0.08	0.13	0.38	0.77
03/18/14	0.07	0.05	0.07	0.13	0.36	0.75
03/19/14	0.07	0.06	0.09	0.15	0.47	0.91
03/20/14	0.06	0.06	0.09	0.14	0.45	0.9
03/21/14	0.05	0.06	0.08	0.14	0.45	0.91
03/24/14	0.05	0.06	0.08	0.14	0.47	0.93
03/25/14	0.05	0.05	0.08	0.13	0.47	0.92
03/26/14	0.05	0.05	0.07	0.12	0.45	0.89
03/27/14	0.02	0.04	0.06	0.12	0.45	0.9
03/28/14	0.03	0.04	0.06	0.13	0.45	0.93
03/31/14	0.03	0.05	0.07	0.13	0.44	0.9
04/01/2014	0.02	0.04	0.06	0.13	0.44	0.91
04/02/2014	0.02	0.02	0.06	0.12	0.47	0.94
04/03/2014	0.03	0.02	0.05	0.11	0.46	0.95
04/04/2014	0.03	0.03	0.05	0.11	0.43	0.89
04/07/2014	0.03	0.03	0.06	0.11	0.41	0.87
04/08/2014	0.04	0.03	0.06	0.11	0.4	0.88
04/09/2014	0.03	0.04	0.05	0.1	0.37	0.85
04/10/2014	0.03	0.04	0.06	0.09	0.37	0.81
04/11/2014	0.04	0.04	0.06	0.09	0.37	0.8
04/14/14	0.03	0.04	0.06	0.1	0.37	0.82
04/15/14	0.03	0.04	0.05	0.11	0.39	0.84
04/16/14	0.03	0.04	0.05	0.11	0.39	0.87
04/17/14	0.02	0.03	0.05	0.11	0.43	0.91
04/21/14	0.02	0.04	0.06	0.11	0.42	0.91
04/22/14	0.02	0.03	0.06	0.11	0.45	0.93
04/23/14	0.02	0.02	0.05	0.11	0.43	0.91
04/24/14	0	0.01	0.04	0.1	0.43	0.91
04/25/14	0.01	0.03	0.04	0.11	0.43	0.9
04/28/14	0	0.03	0.05	0.1	0.44	0.9
04/29/14	0.02	0.02	0.05	0.11	0.44	0.91
04/30/14	0.02	0.03	0.05	0.11	0.42	0.87
05/01/2014	0.02	0.03	0.05	0.1	0.41	0.86
05/02/2014	0.01	0.02	0.05	0.1	0.42	0.89
05/05/2014	0.01	0.03	0.05	0.11	0.43	0.9

05/06/2014	0.03	0.03	0.05	0.1	0.43	0.92
05/07/2014	0.03	0.03	0.05	0.1	0.41	0.89
05/08/2014	0.02	0.03	0.05	0.1	0.4	0.86
05/09/2014	0.02	0.03	0.05	0.1	0.4	0.86
05/12/2014	0.02	0.03	0.05	0.09	0.41	0.87
05/13/14	0.03	0.03	0.05	0.1	0.39	0.84
05/14/14	0.02	0.03	0.05	0.1	0.39	0.81
05/15/14	0.01	0.03	0.05	0.09	0.38	0.8
05/16/14	0.01	0.03	0.05	0.09	0.38	0.8
05/19/14	0.01	0.03	0.05	0.09	0.36	0.79
05/20/14	0.04	0.03	0.06	0.09	0.35	0.77
05/21/14	0.04	0.04	0.06	0.09	0.37	0.79
05/22/14	0.03	0.03	0.05	0.09	0.37	0.8
05/23/14	0.04	0.04	0.05	0.1	0.37	0.79
05/27/14	0.03	0.04	0.06	0.09	0.39	0.79
05/28/14	0.04	0.04	0.05	0.1	0.37	0.76
05/29/14	0.05	0.04	0.05	0.1	0.37	0.77
05/30/14	0.05	0.04	0.06	0.1	0.37	0.79
06/02/2014	0.04	0.04	0.06	0.1	0.39	0.83
06/03/2014	0.04	0.04	0.06	0.1	0.41	0.85
06/04/2014	0.04	0.04	0.06	0.1	0.41	0.85
06/05/2014	0.03	0.04	0.06	0.1	0.4	0.82
06/06/2014	0.02	0.04	0.06	0.11	0.41	0.86
06/09/2014	0.03	0.04	0.06	0.11	0.43	0.88
06/10/2014	0.04	0.04	0.06	0.11	0.45	0.93
06/11/2014	0.03	0.04	0.06	0.11	0.44	0.91
06/12/2014	0.02	0.04	0.07	0.1	0.42	0.88
06/13/14	0.02	0.04	0.07	0.11	0.45	0.93
06/16/14	0.03	0.04	0.07	0.11	0.49	0.95
06/17/14	0.03	0.04	0.07	0.11	0.51	0.99
06/18/14	0.03	0.03	0.06	0.1	0.48	0.95
06/19/14	0.01	0.02	0.05	0.09	0.48	0.94
06/20/14	0.01	0.02	0.04	0.09	0.5	0.94
06/23/14	0.02	0.03	0.06	0.1	0.48	0.96
06/24/14	0.01	0.03	0.06	0.12	0.49	0.95
06/25/14	0.01	0.03	0.05	0.11	0.48	0.92
06/26/14	0.01	0.04	0.06	0.11	0.46	0.9
06/27/14	0.02	0.03	0.06	0.1	0.45	0.88
06/30/14	0.02	0.04	0.07	0.11	0.47	0.88
07/01/2014	0.03	0.02	0.06	0.11	0.47	0.9
07/02/2014	0.02	0.02	0.06	0.12	0.49	0.95
07/03/2014	0.01	0.01	0.06	0.11	0.52	0.98

07/07/2014	0.02	0.04	0.06	0.12	0.52	1
07/08/2014	0.02	0.03	0.06	0.11	0.51	0.99
07/09/2014	0.03	0.03	0.06	0.11	0.51	0.97
07/10/2014	0.02	0.02	0.06	0.1	0.46	0.93
07/11/2014	0.02	0.02	0.07	0.11	0.48	0.92
07/14/14	0.02	0.03	0.06	0.11	0.48	0.95
07/15/14	0.02	0.02	0.06	0.11	0.49	0.97
07/16/14	0.02	0.02	0.06	0.11	0.5	0.98
07/17/14	0.02	0.02	0.06	0.1	0.47	0.94
07/18/14	0.03	0.02	0.05	0.1	0.51	0.97
07/21/14	0.02	0.03	0.06	0.11	0.51	0.99
07/22/14	0.03	0.03	0.07	0.11	0.49	0.97
07/23/14	0.03	0.03	0.05	0.11	0.5	0.96
07/24/14	0.04	0.03	0.06	0.11	0.53	1
07/25/14	0.03	0.03	0.06	0.11	0.53	0.98
07/28/14	0.03	0.04	0.06	0.11	0.54	1.01
07/29/14	0.03	0.02	0.06	0.12	0.54	1
07/30/14	0.03	0.04	0.06	0.13	0.56	1.04
07/31/14	0.01	0.03	0.05	0.12	0.53	1.02
08/01/2014	0.01	0.03	0.05	0.13	0.47	0.94
08/04/2014	0.02	0.04	0.06	0.12	0.47	0.93
08/05/2014	0.03	0.03	0.05	0.12	0.47	0.93
08/06/2014	0.03	0.03	0.05	0.11	0.48	0.93
08/07/2014	0.03	0.03	0.04	0.11	0.44	0.89
08/08/2014	0.03	0.03	0.05	0.1	0.45	0.91
08/11/2014	0.03	0.04	0.05	0.1	0.47	0.93
08/12/2014	0.05	0.03	0.05	0.1	0.45	0.92
08/13/14	0.04	0.04	0.06	0.1	0.43	0.88
08/14/14	0.04	0.04	0.06	0.1	0.42	0.87
08/15/14	0.03	0.03	0.05	0.09	0.42	0.86
08/18/14	0.02	0.03	0.05	0.1	0.44	0.89
08/19/14	0.04	0.03	0.05	0.11	0.46	0.9
08/20/14	0.04	0.04	0.06	0.12	0.49	0.94
08/21/14	0.03	0.02	0.06	0.1	0.49	0.95
08/22/14	0.04	0.03	0.06	0.1	0.53	0.98
08/25/14	0.02	0.04	0.05	0.11	0.53	0.99
08/26/14	0.04	0.03	0.05	0.12	0.52	0.98
08/27/14	0.02	0.04	0.05	0.11	0.51	0.97
08/28/14	0.02	0.03	0.05	0.11	0.5	0.95
08/29/14	0.02	0.03	0.05	0.09	0.48	0.94
09/02/2014	0.02	0.03	0.05	0.1	0.53	0.99
09/03/2014	0.02	0.03	0.05	0.11	0.52	0.99

09/04/2014	0.02	0.03	0.05	0.1	0.54	1.01
09/05/2014	0.02	0.03	0.05	0.1	0.52	0.99
09/08/2014	0.01	0.02	0.05	0.1	0.54	1.02
09/09/2014	0.01	0.02	0.05	0.11	0.56	1.06
09/10/2014	0.01	0.02	0.05	0.11	0.58	1.07
09/11/2014	0.01	0.02	0.05	0.11	0.58	1.07
09/12/2014	0.01	0.02	0.05	0.11	0.58	1.07
09/15/14	0.01	0.02	0.05	0.11	0.58	1.06
09/16/14	0.01	0.02	0.04	0.13	0.55	1.04
09/17/14	0.01	0.02	0.05	0.12	0.59	1.08
09/18/14	0.01	0.02	0.04	0.12	0.59	1.1
09/19/14	0.01	0.02	0.04	0.11	0.59	1.09
09/22/14	0	0.01	0.04	0.1	0.58	1.06
09/23/14	0.01	0.01	0.04	0.1	0.57	1.05
09/24/14	0.01	0.02	0.03	0.11	0.59	1.08
09/25/14	0	0.01	0.03	0.1	0.56	1.03
09/26/14	0.01	0.01	0.03	0.11	0.59	1.08
09/29/14	0.01	0.02	0.05	0.11	0.58	1.06
09/30/14	0.02	0.02	0.03	0.13	0.58	1.07
10/01/2014	0.01	0.02	0.04	0.1	0.53	1
10/02/2014	0.01	0.01	0.03	0.1	0.53	1.01
10/03/2014	0.01	0.01	0.03	0.11	0.57	1.05
10/06/2014	0.01	0.02	0.05	0.11	0.54	1.02
10/07/2014	0.02	0.02	0.04	0.1	0.52	0.98
10/08/2014	0.01	0.01	0.05	0.1	0.46	0.9
10/09/2014	0.02	0.01	0.05	0.1	0.46	0.91
10/10/2014	0.02	0.01	0.04	0.1	0.45	0.89
10/14/14	0.03	0.02	0.04	0.09	0.39	0.8
10/15/14	0.02	0.02	0.05	0.1	0.34	0.73
10/16/14	0.04	0.03	0.05	0.1	0.35	0.75
10/17/14	0.03	0.02	0.05	0.11	0.39	0.79
10/20/14	0.03	0.02	0.06	0.1	0.37	0.76
10/21/14	0.04	0.02	0.06	0.1	0.38	0.77
10/22/14	0.04	0.02	0.06	0.11	0.41	0.8
10/23/14	0.02	0.01	0.06	0.11	0.41	0.83
10/24/14	0.02	0.01	0.06	0.11	0.41	0.82
10/27/14	0.03	0.02	0.06	0.11	0.41	0.81
10/28/14	0.02	0.02	0.05	0.11	0.42	0.84
10/29/14	0.01	0.03	0.07	0.11	0.48	0.93
10/30/14	0.01	0.01	0.06	0.11	0.48	0.91
10/31/14	0.01	0.01	0.05	0.11	0.5	0.95
11/03/2014	0.03	0.02	0.07	0.12	0.52	0.96

11/04/2014	0.04	0.03	0.06	0.11	0.52	0.97
11/05/2014	0.04	0.03	0.07	0.11	0.52	0.97
11/06/2014	0.04	0.03	0.06	0.12	0.54	1.01
11/07/2014	0.04	0.03	0.06	0.12	0.51	0.95
11/10/2014	0.04	0.02	0.07	0.13	0.55	1
11/12/2014	0.05	0.02	0.07	0.14	0.55	1
11/13/14	0.05	0.02	0.08	0.15	0.53	0.97
11/14/14	0.04	0.02	0.07	0.15	0.54	0.96
11/17/14	0.02	0.03	0.07	0.15	0.54	0.96
11/18/14	0.04	0.02	0.07	0.14	0.53	0.96
11/19/14	0.04	0.01	0.07	0.15	0.54	0.99
11/20/14	0.04	0.02	0.07	0.14	0.53	0.97
11/21/14	0.04	0.01	0.07	0.14	0.53	0.96
11/24/14	0.04	0.02	0.08	0.14	0.53	0.95
11/25/14	0.06	0.02	0.07	0.14	0.51	0.94
11/26/14	0.06	0.02	0.07	0.14	0.53	0.93
11/28/14	0.04	0.02	0.07	0.13	0.47	0.88
12/01/2014	0.01	0.03	0.08	0.13	0.49	0.9
12/02/2014	0.04	0.03	0.08	0.14	0.55	0.96
12/03/2014	0.03	0.01	0.07	0.15	0.57	0.98
12/04/2014	0.03	0.02	0.08	0.14	0.55	0.97
12/05/2014	0.02	0.02	0.08	0.18	0.65	1.09
12/08/2014	0.03	0.03	0.1	0.18	0.64	1.1
12/09/2014	0.05	0.04	0.11	0.23	0.64	1.07
12/10/2014	0.05	0.03	0.1	0.21	0.59	1.01

5 Yr	7 Yr	10 Yr	20 Yr	30 Yr	18-nov
0.76	1.25	1.86	2.63	3.04	
0.81	1.31	1.92	2.7	3.12	
0.82	1.32	1.93	2.7	3.1	
0.82	1.31	1.92	2.7	3.1	
0.79	1.28	1.89	2.66	3.06	
0.77	1.27	1.88	2.65	3.06	
0.8	1.3	1.91	2.68	3.08	
0.78	1.28	1.89	2.65	3.05	
0.78	1.27	1.89	2.65	3.05	
0.75	1.24	1.86	2.62	3.02	
0.75	1.23	1.84	2.61	3.01	
0.79	1.29	1.89	2.66	3.06	
0.77	1.26	1.87	2.63	3.03	
0.76	1.25	1.86	2.62	3.02	
0.76	1.24	1.86	2.62	3.02	
0.78	1.26	1.88	2.64	3.04	
0.87	1.36	1.98	2.75	3.14	
0.89	1.38	2	2.76	3.15	
0.9	1.4	2.03	2.79	3.18	
0.88	1.39	2.03	2.8	3.19	
0.88	1.38	2.02	2.79	3.17	
0.88	1.4	2.04	2.83	3.21	
0.85	1.36	2	2.79	3.17	
0.88	1.39	2.04	2.83	3.21	
0.84	1.35	2	2.79	3.18	
0.83	1.34	1.99	2.78	3.17	
0.84	1.34	1.99	2.79	3.17	
0.85	1.35	1.99	2.78	3.16	
0.88	1.38	2.02	2.81	3.19	
0.92	1.43	2.05	2.86	3.23	
0.86	1.37	2	2.79	3.17	
0.87	1.38	2.01	2.8	3.18	
0.89	1.41	2.03	2.83	3.21	
0.88	1.38	2.02	2.82	3.2	
0.86	1.36	1.99	2.79	3.17	
0.84	1.34	1.97	2.77	3.15	
0.78	1.25	1.88	2.69	3.08	
0.78	1.25	1.88	2.69	3.08	
0.78	1.28	1.91	2.72	3.11	
0.77	1.26	1.89	2.71	3.1	
0.75	1.23	1.86	2.68	3.06	

0.76	1.25	1.88	2.7	3.08
0.77	1.27	1.9	2.72	3.1
0.81	1.31	1.95	2.77	3.15
0.85	1.36	2	2.82	3.2
0.9	1.43	2.06	2.89	3.25
0.9	1.43	2.07	2.89	3.26
0.88	1.4	2.03	2.85	3.22
0.89	1.41	2.04	2.85	3.22
0.88	1.4	2.04	2.87	3.25
0.84	1.35	2.01	2.85	3.22
0.81	1.31	1.96	2.79	3.18
0.79	1.28	1.92	2.75	3.13
0.81	1.32	1.96	2.8	3.19
0.81	1.3	1.95	2.77	3.15
0.8	1.29	1.93	2.75	3.13
0.8	1.28	1.93	2.76	3.14
0.79	1.27	1.92	2.75	3.13
0.76	1.22	1.87	2.71	3.09
0.77	1.24	1.87	2.71	3.1
0.76	1.23	1.86	2.7	3.08
0.78	1.26	1.88	2.72	3.1
0.73	1.2	1.83	2.66	3.05
0.69	1.15	1.78	2.6	2.99
0.68	1.12	1.72	2.5	2.87
0.71	1.15	1.76	2.54	2.91
0.7	1.16	1.78	2.57	2.94
0.74	1.21	1.84	2.63	3.01
0.74	1.2	1.82	2.62	3.01
0.7	1.14	1.75	2.54	2.92
0.69	1.12	1.72	2.5	2.88
0.71	1.15	1.75	2.53	2.91
0.71	1.13	1.73	2.51	2.89
0.71	1.13	1.72	2.49	2.87
0.72	1.14	1.73	2.5	2.88
0.7	1.13	1.72	2.5	2.88
0.71	1.14	1.74	2.52	2.9
0.7	1.13	1.73	2.5	2.89
0.71	1.15	1.74	2.52	2.91
0.68	1.1	1.7	2.47	2.87
0.68	1.1	1.7	2.49	2.88
0.68	1.11	1.7	2.49	2.88
0.65	1.07	1.66	2.44	2.83

0.65	1.07	1.66	2.44	2.82
0.73	1.17	1.78	2.58	2.96
0.74	1.19	1.8	2.6	2.98
0.75	1.21	1.82	2.62	3
0.75	1.2	1.81	2.61	2.99
0.75	1.2	1.81	2.6	3.01
0.82	1.28	1.9	2.7	3.1
0.83	1.3	1.92	2.73	3.13
0.85	1.33	1.96	2.77	3.17
0.84	1.32	1.94	2.76	3.16
0.79	1.25	1.87	2.69	3.09
0.84	1.32	1.95	2.77	3.17
0.85	1.33	1.97	2.79	3.18
0.84	1.31	1.94	2.75	3.14
0.91	1.4	2.03	2.83	3.21
0.91	1.4	2.02	2.82	3.2
0.9	1.39	2.01	2.8	3.18
1.02	1.53	2.15	2.95	3.31
1.02	1.51	2.13	2.91	3.27
1.01	1.51	2.13	2.92	3.28
1.05	1.55	2.16	2.95	3.3
1.03	1.53	2.13	2.92	3.27
1.05	1.55	2.14	2.95	3.3
1.02	1.52	2.1	2.9	3.25
1.01	1.49	2.08	2.89	3.23
1.1	1.59	2.17	2.98	3.33
1.13	1.62	2.22	3.03	3.36
1.12	1.61	2.2	3	3.33
1.15	1.64	2.25	3.04	3.37
1.11	1.6	2.19	2.99	3.33
1.04	1.53	2.14	2.95	3.28
1.06	1.57	2.19	3.01	3.35
1.07	1.58	2.2	3	3.34
1.24	1.76	2.33	3.09	3.41
1.31	1.84	2.41	3.18	3.49
1.42	1.95	2.52	3.26	3.56
1.48	2.02	2.57	3.27	3.56
1.49	2.03	2.6	3.31	3.6
1.45	1.98	2.55	3.27	3.58
1.38	1.91	2.49	3.22	3.54
1.41	1.96	2.52	3.22	3.52
1.39	1.93	2.5	3.19	3.48

1.38	1.92	2.48	3.18	3.47
1.42	1.97	2.52	3.22	3.49
1.6	2.19	2.73	3.41	3.68
1.51	2.11	2.65	3.35	3.63
1.5	2.08	2.65	3.36	3.64
1.54	2.12	2.7	3.4	3.68
1.4	1.99	2.6	3.33	3.64
1.43	2	2.61	3.34	3.64
1.4	1.97	2.57	3.3	3.61
1.38	1.95	2.55	3.28	3.58
1.33	1.91	2.52	3.27	3.57
1.35	1.95	2.56	3.32	3.63
1.31	1.9	2.5	3.25	3.56
1.32	1.9	2.5	3.25	3.55
1.33	1.92	2.53	3.27	3.58
1.4	2	2.61	3.34	3.65
1.38	2	2.61	3.34	3.65
1.36	1.98	2.58	3.31	3.61
1.37	2	2.61	3.35	3.66
1.39	2.02	2.63	3.36	3.67
1.38	2	2.6	3.34	3.64
1.49	2.15	2.74	3.48	3.77
1.36	2.01	2.63	3.39	3.69
1.39	2.04	2.67	3.42	3.73
1.39	2.04	2.67	3.42	3.73
1.38	2	2.61	3.37	3.68
1.36	1.98	2.58	3.37	3.65
1.36	1.98	2.57	3.36	3.63
1.39	2.01	2.61	3.39	3.67
1.49	2.13	2.71	3.48	3.75
1.48	2.12	2.71	3.48	3.75
1.54	2.18	2.77	3.54	3.81
1.6	2.25	2.84	3.61	3.86
1.63	2.29	2.88	3.64	3.89
1.57	2.22	2.82	3.59	3.86
1.64	2.3	2.87	3.64	3.9
1.71	2.34	2.9	3.63	3.88
1.66	2.27	2.82	3.55	3.8
1.61	2.23	2.79	3.52	3.77
1.56	2.15	2.72	3.45	3.7
1.62	2.22	2.78	3.5	3.75
1.6	2.2	2.75	3.45	3.7

1.62	2.24	2.78	3.46	3.7
1.68	2.31	2.86	3.54	3.79
1.74	2.36	2.9	3.56	3.8
1.85	2.45	2.98	3.64	3.88
1.77	2.38	2.94	3.62	3.87
1.71	2.34	2.9	3.6	3.84
1.78	2.4	2.96	3.65	3.88
1.72	2.34	2.93	3.61	3.85
1.72	2.34	2.92	3.6	3.85
1.71	2.32	2.9	3.59	3.84
1.65	2.27	2.88	3.61	3.87
1.62	2.26	2.86	3.57	3.84
1.43	2.05	2.69	3.46	3.75
1.49	2.13	2.76	3.52	3.8
1.5	2.13	2.75	3.5	3.77
1.48	2.1	2.72	3.46	3.73
1.44	2.05	2.67	3.4	3.67
1.41	2.01	2.63	3.37	3.65
1.43	2.05	2.66	3.41	3.69
1.4	2.02	2.64	3.4	3.68
1.39	2.02	2.64	3.41	3.69
1.42	2.04	2.66	3.43	3.72
1.38	2.01	2.63	3.41	3.7
1.36	1.99	2.62	3.4	3.71
1.41	2.05	2.66	3.43	3.73
1.41	2.03	2.65	3.41	3.7
1.43	2.05	2.66	3.41	3.7
1.43	2.06	2.68	3.43	3.73
1.44	2.09	2.71	3.46	3.75
1.42	2.07	2.7	3.45	3.74
1.45	2.11	2.75	3.5	3.78
1.41	2.06	2.69	3.43	3.72
1.35	1.98	2.61	3.36	3.66
1.35	1.98	2.6	3.36	3.65
1.38	2.01	2.63	3.39	3.68
1.3	1.92	2.54	3.31	3.61
1.3	1.9	2.51	3.29	3.59
1.32	1.92	2.53	3.3	3.61
1.3	1.9	2.53	3.3	3.6
1.31	1.91	2.54	3.31	3.61
1.29	1.9	2.53	3.31	3.62
1.3	1.93	2.55	3.33	3.63

1.31	1.95	2.57	3.33	3.63	
1.37	2.03	2.65	3.4	3.69	
1.36	2.01	2.63	3.4	3.7	
1.39	2.06	2.69	3.46	3.76	
1.34	2.02	2.67	3.46	3.77	
1.31	1.98	2.63	3.41	3.71	
1.42	2.12	2.77	3.55	3.84	
1.47	2.16	2.8	3.57	3.86	
1.41	2.1	2.75	3.54	3.83	
1.34	2.04	2.69	3.49	3.79	
1.36	2.06	2.71	3.5	3.8	
1.33	2.02	2.67	3.46	3.76	
1.37	2.06	2.71	3.5	3.8	
1.39	2.13	2.8	3.61	3.9	
1.38	2.12	2.79	3.59	3.89	
1.37	2.1	2.75	3.54	3.84	
1.37	2.08	2.74	3.53	3.83	
1.34	2.05	2.71	3.5	3.8	
1.36	2.08	2.74	3.52	3.81	
1.37	2.1	2.75	3.54	3.82	
1.43	2.16	2.81	3.58	3.86	
1.4	2.13	2.79	3.56	3.84	
1.45	2.19	2.84	3.63	3.9	
1.49	2.23	2.88	3.65	3.92	
1.51	2.23	2.88	3.63	3.9	
1.5	2.23	2.86	3.61	3.88	
1.46	2.17	2.81	3.56	3.83	
1.5	2.21	2.86	3.61	3.87	
1.55	2.26	2.89	3.63	3.91	
1.55	2.25	2.88	3.61	3.88	
1.55	2.26	2.89	3.63	3.9	
1.52	2.22	2.85	3.6	3.88	
1.55	2.26	2.89	3.63	3.9	
1.63	2.35	2.94	3.64	3.91	
1.66	2.33	2.89	3.57	3.82	
1.68	2.37	2.94	3.6	3.85	
1.73	2.43	2.99	3.66	3.9	
1.74	2.43	3	3.68	3.92	
1.74	2.44	3.02	3.7	3.94	
1.71	2.4	2.99	3.66	3.9	
1.75	2.45	3.04	3.72	3.96	
1.72	2.41	3	3.68	3.92 Promedio 6 meses	3.06

1.73	2.42	3.01	3.69	3.93 Promedio 2014
1.7	2.38	2.98	3.66	3.9
1.69	2.37	2.96	3.64	3.88
1.77	2.44	3.01	3.67	3.9
1.75	2.41	2.97	3.62	3.88
1.64	2.29	2.88	3.54	3.8
1.6	2.25	2.84	3.52	3.77
1.65	2.3	2.88	3.54	3.8
1.68	2.33	2.9	3.55	3.81
1.66	2.3	2.86	3.52	3.77
1.64	2.27	2.84	3.5	3.75
1.67	2.29	2.85	3.5	3.74
1.72	2.34	2.87	3.52	3.75
1.62	2.24	2.79	3.44	3.68
1.58	2.2	2.75	3.4	3.64
1.61	2.24	2.78	3.43	3.67
1.59	2.22	2.77	3.43	3.68
1.52	2.15	2.69	3.36	3.62
1.55	2.19	2.72	3.4	3.65
1.49	2.13	2.67	3.35	3.61
1.44	2.07	2.61	3.29	3.55
1.46	2.09	2.64	3.33	3.59
1.5	2.14	2.7	3.4	3.66
1.52	2.17	2.73	3.42	3.67
1.47	2.13	2.71	3.39	3.67
1.48	2.13	2.7	3.38	3.66
1.54	2.19	2.75	3.42	3.69
1.59	2.23	2.8	3.45	3.72
1.51	2.16	2.73	3.4	3.7
1.53	2.17	2.75	3.41	3.69
1.5	2.14	2.71	3.4	3.68
1.53	2.17	2.73	3.42	3.71
1.57	2.2	2.76	3.44	3.73
1.56	2.19	2.73	3.41	3.69
1.57	2.2	2.75	3.42	3.7
1.53	2.16	2.7	3.37	3.66
1.5	2.12	2.67	3.34	3.63
1.49	2.11	2.65	3.31	3.6
1.51	2.13	2.66	3.31	3.59
1.46	2.07	2.6	3.27	3.55
1.54	2.17	2.7	3.36	3.64
1.54	2.16	2.7	3.36	3.64

1.57	2.2	2.74	3.4	3.68
1.65	2.27	2.8	3.45	3.72
1.64	2.26	2.79	3.45	3.73
1.62	2.25	2.77	3.43	3.7
1.59	2.2	2.73	3.38	3.66
1.53	2.14	2.66	3.31	3.6
1.55	2.14	2.65	3.3	3.59
1.58	2.19	2.7	3.34	3.63
1.56	2.16	2.68	3.33	3.62
1.75	2.31	2.78	3.39	3.66
1.73	2.31	2.79	3.4	3.67
1.73	2.3	2.75	3.34	3.61
1.76	2.31	2.74	3.31	3.57
1.76	2.32	2.75	3.32	3.59
1.7	2.27	2.71	3.29	3.55
1.7	2.26	2.69	3.25	3.52
1.74	2.31	2.73	3.29	3.55
1.73	2.3	2.73	3.31	3.56
1.74	2.32	2.77	3.35	3.6
1.8	2.39	2.82	3.4	3.65
1.79	2.38	2.8	3.38	3.62
1.71	2.3	2.74	3.33	3.59
1.68	2.27	2.71	3.3	3.56
1.67	2.24	2.69	3.28	3.54
1.65	2.24	2.71	3.31	3.57
1.59	2.17	2.65	3.24	3.52
1.58	2.16	2.63	3.22	3.48
1.61	2.18	2.65	3.23	3.48
1.63	2.18	2.64	3.2	3.46
1.67	2.21	2.65	3.2	3.45
1.75	2.31	2.73	3.27	3.52
1.74	2.31	2.73	3.27	3.52
1.76	2.31	2.73	3.25	3.5
1.73	2.28	2.7	3.22	3.47
1.74	2.3	2.7	3.22	3.46
1.72	2.28	2.68	3.2	3.45
1.73	2.29	2.7	3.23	3.47
1.74	2.29	2.71	3.25	3.49
1.69	2.25	2.67	3.22	3.47
1.66	2.21	2.63	3.16	3.41
1.67	2.2	2.6	3.12	3.37
1.68	2.22	2.63	3.16	3.41

1.68	2.2	2.61	3.13	3.38
1.65	2.18	2.62	3.12	3.4
1.63	2.16	2.61	3.17	3.45
1.63	2.17	2.62	3.18	3.47
1.67	2.21	2.66	3.21	3.49
1.62	2.16	2.61	3.17	3.45
1.57	2.1	2.54	3.09	3.37
1.55	2.05	2.5	3.05	3.33
1.56	2.08	2.52	3.07	3.34
1.56	2.09	2.54	3.11	3.39
1.53	2.06	2.52	3.1	3.38
1.55	2.08	2.54	3.13	3.42
1.57	2.1	2.56	3.15	3.43
1.55	2.09	2.54	3.12	3.4
1.56	2.08	2.52	3.09	3.37
1.5	2.01	2.44	3.01	3.29
1.52	2.03	2.45	3.03	3.31
1.54	2.06	2.48	3.05	3.33
1.6	2.12	2.54	3.1	3.38
1.65	2.18	2.6	3.17	3.43
1.65	2.2	2.61	3.18	3.45
1.63	2.17	2.59	3.17	3.44
1.66	2.19	2.6	3.17	3.44
1.69	2.22	2.62	3.18	3.45
1.71	2.24	2.64	3.2	3.47
1.7	2.23	2.65	3.2	3.47
1.66	2.17	2.58	3.14	3.41
1.7	2.21	2.6	3.14	3.41
1.71	2.21	2.61	3.14	3.4
1.77	2.27	2.66	3.19	3.44
1.71	2.21	2.61	3.16	3.43
1.71	2.22	2.64	3.2	3.47
1.71	2.22	2.63	3.18	3.44
1.72	2.23	2.63	3.18	3.45
1.7	2.19	2.59	3.14	3.41
1.68	2.17	2.57	3.12	3.38
1.64	2.14	2.53	3.08	3.35
1.64	2.14	2.54	3.1	3.36
1.62	2.13	2.53	3.08	3.34
1.66	2.17	2.58	3.13	3.4
1.71	2.22	2.64	3.2	3.46
1.74	2.25	2.65	3.21	3.47

1.74	2.24	2.63	3.17	3.44
1.7	2.19	2.58	3.12	3.38
1.68	2.17	2.57	3.1	3.37
1.66	2.15	2.55	3.1	3.38
1.65	2.13	2.53	3.07	3.34
1.68	2.17	2.55	3.1	3.36
1.7	2.18	2.56	3.1	3.37
1.71	2.18	2.55	3.08	3.35
1.65	2.11	2.47	3.01	3.27
1.69	2.14	2.5	3.03	3.29
1.7	2.14	2.49	3.01	3.26
1.68	2.13	2.48	3	3.25
1.67	2.12	2.48	3	3.26
1.72	2.18	2.52	3.04	3.3
1.69	2.14	2.48	2.99	3.24
1.73	2.17	2.5	3.01	3.26
1.7	2.14	2.47	2.97	3.22
1.77	2.24	2.57	3.06	3.31
1.76	2.24	2.58	3.07	3.32
1.67	2.16	2.52	3.03	3.29
1.66	2.15	2.51	3.04	3.3
1.66	2.14	2.49	3.02	3.28
1.66	2.13	2.49	3.01	3.27
1.6	2.07	2.43	2.97	3.23
1.62	2.09	2.44	2.97	3.23
1.62	2.09	2.44	2.97	3.24
1.63	2.1	2.46	3	3.27
1.59	2.06	2.43	2.97	3.24
1.58	2.04	2.4	2.93	3.2
1.55	1.99	2.34	2.86	3.13
1.58	2.04	2.39	2.92	3.2
1.59	2.05	2.4	2.94	3.21
1.65	2.09	2.43	2.95	3.22
1.64	2.08	2.41	2.92	3.19
1.68	2.1	2.4	2.9	3.16
1.69	2.09	2.39	2.88	3.13
1.68	2.08	2.39	2.89	3.15
1.65	2.05	2.37	2.85	3.11
1.63	2.04	2.34	2.82	3.08
1.63	2.05	2.35	2.83	3.09
1.69	2.11	2.42	2.91	3.17
1.69	2.11	2.41	2.9	3.15

1.71	2.14	2.45	2.95	3.21
1.69	2.14	2.46	2.97	3.23
1.72	2.16	2.48	2.97	3.23
1.76	2.19	2.5	2.97	3.23
1.79	2.22	2.54	3.01	3.26
1.79	2.22	2.54	3.02	3.27
1.83	2.29	2.62	3.1	3.35
1.8	2.26	2.6	3.09	3.34
1.78	2.26	2.6	3.11	3.36
1.82	2.29	2.62	3.12	3.37
1.85	2.32	2.63	3.12	3.36
1.83	2.29	2.59	3.05	3.29
1.8	2.26	2.57	3.04	3.28
1.78	2.23	2.54	3.01	3.25
1.82	2.26	2.57	3.04	3.28
1.75	2.21	2.52	2.98	3.22
1.8	2.24	2.54	2.99	3.22
1.77	2.21	2.5	2.95	3.18
1.78	2.22	2.52	2.98	3.21
1.69	2.12	2.42	2.87	3.12
1.7	2.14	2.44	2.9	3.15
1.73	2.16	2.45	2.89	3.13
1.7	2.13	2.43	2.88	3.12
1.64	2.06	2.36	2.81	3.06
1.57	2.02	2.35	2.82	3.07
1.58	2.02	2.34	2.81	3.07
1.55	1.99	2.31	2.77	3.03
1.45	1.88	2.21	2.68	2.95
1.37	1.8	2.15	2.64	2.92
1.39	1.82	2.17	2.66	2.94
1.44	1.88	2.22	2.7	2.98
1.41	1.85	2.2	2.68	2.96
1.44	1.88	2.23	2.72	3
1.46	1.9	2.25	2.73	3.01
1.52	1.95	2.29	2.77	3.05
1.52	1.96	2.29	2.77	3.05
1.51	1.94	2.27	2.75	3.04
1.53	1.97	2.3	2.79	3.06
1.61	2.03	2.34	2.79	3.06
1.58	2.02	2.32	2.77	3.04
1.62	2.05	2.35	2.81	3.07
1.63	2.05	2.36	2.8	3.07

1.63	2.05	2.35	2.78	3.05
1.63	2.05	2.36	2.79	3.06
1.67	2.09	2.39	2.83	3.09
1.6	2.01	2.32	2.76	3.04
1.65	2.07	2.38	2.81	3.09
1.65	2.06	2.37	2.81	3.09
1.64	2.05	2.35	2.8	3.08
1.62	2.02	2.32	2.77	3.04
1.64	2.04	2.34	2.79	3.06
1.63	2.03	2.32	2.77	3.05
1.66	2.07	2.36	2.8	3.08
1.64	2.05	2.34	2.78	3.05
1.63	2.03	2.31	2.75	3.02
1.62	2.02	2.3	2.74	3.01
1.58	1.98	2.27	2.69	2.97
1.56	1.96	2.24	2.67	2.95
1.49	1.89	2.18	2.62	2.89
1.52	1.93	2.22	2.66	2.95
1.59	2	2.28	2.72	3
1.61	2.01	2.29	2.71	2.99
1.59	1.98	2.25	2.66	2.94
1.69	2.06	2.31	2.69	2.97
1.67	2.02	2.26	2.62	2.9
1.63	1.97	2.22	2.58	2.87
1.58	1.92	2.18	2.54	2.83

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